

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge

General Manager

Brian R. Laddusaw



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

NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING

Thursday, August 15, 2024, at 4:00 PM

During this regular meeting of the Rubidoux Community Services District Board of Directors, members of the public will have the choice to attend and address the Board in person or attend and address the Board via Zoom.

Members of the public wanting to attend and/or address the Board virtually may do so by using the Zoom App or website for free at: <https://zoom.us/>

- Meeting ID is **994 957 9980**
- Passcode is: rcsd
- Call into the meeting number 1-669-444-9171

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

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).

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require a two-thirds vote of the entire Board, or, if fewer than two-thirds of the members are present, a unanimous vote of those members present, making findings that there is a need to take immediate action and that the need for action came to the attention of the District subsequent to the posting of the agenda.

1. **CALL TO ORDER** – John Skerbelis, President
2. **PLEDGE OF ALLEGIANCE** – General Manager
3. **ROLL CALL** – General Manager
4. **PUBLIC COMMENTS**

Members of the public are encouraged to address the Board of Directors. Anyone who wishes to speak on an item not on the published agenda must submit a comment request card to the General Manager or designee. Each speaker should begin by identifying themselves for the record and is allowed up to five minutes.

No one may give their time to a speaker during the public comment period of the meeting. It is requested that all present refrain from any action that might disrupt the orderly course of the meeting. Coarse, crude, profane, or vulgar language, or unsolicited comments from the audience, which disrupts or disturbs the Board meeting, may result in exclusion from the meeting.

The Ralph M. Brown Act, Government Code 54950, et. seq. prohibits members of the Board of Directors from taking formal action or discuss items not on the published agenda. As a result, immediate response to public comment may be limited.

5. **CONSENT CALENDAR**

Consent Calendar items are expected to be routine and non-controversial and are to be acted upon by the Board by one motion, without discussion. If any Board member, staff member, or interested person requests that an item be removed from the Consent Calendar for further discussion, it will be moved to the first item on the Action Agenda.

- A. Approval of Minutes for August 1, 2024, Regular Meeting
- B. Consideration to Approve August 16, 2024, Salaries, Expenses and Transfers
- C. **DM 2024-64:** Consider Proposal from Lillestrand Leadership Consulting to Develop a 5-Year Strategic Plan for Rubidoux Community Services District
- D. **DM 2024-65:** Consider Adoption of Resolution No. 2024-917, A Resolution Authorizing the General Manager, or Designee, to Apply for, Receive, and Enter into a Cooperative Agreement, and Administer a Grant for the FY 2025 Bureau of Reclamation Water and Energy Efficiency Grant
- E. **DM 2024-66:** Consider Proposal from Albert A. Webb Associates for Preparation of a U.S. Bureau of Reclamation WaterSMART Drought Response Grant Program Application

6. CORRESPONDENCE AND RELATED INFORMATION

7. REPORTS

- A. Operations Report (Second Meeting Each Month)
- B. Emergency and Incident Report (Second Meeting Each Month)
- C. General Manager and Staff Reports / Updates
- D. Committee Reports

8. ACTION / DISCUSSION ITEMS

- A. **DM 2024-67:** Consider At-Risk Development Agreement for Tract 38178 (Countryside Estates)
- B. **CLOSED SESSION (4:30 PM):** Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District

9. DIRECTORS COMMENTS AND REQUESTS

10. NEXT MEETING

Thursday, September 5, 2024, at 4:00 p.m.

11. ADJOURNMENT

Any person with a disability who requires a modification or accommodation in order to participate in this meeting, or any person with limited English proficiency (LEP) who requires language assistance to communicate with the Rubidoux Community Services District Board of Directors during the meeting, should contact the Rubidoux Community Services District Administrative Department, at (951) 684-7580 or admin@rcsd.org, no fewer than two (2) business days prior to this meeting to enable the Rubidoux Community Services District to make reasonable arrangements to assure accessibility or language assistance for this meeting.

DECLARATION OF POSTING

I, Brian Laddusaw, General Manager and Board Secretary to the Rubidoux Community Services District, certify that a copy of this has been posted in the District's main office, 3590 Rubidoux Blvd., Jurupa Valley, and on its website no less than seventy-two (72) hours before the start of the meeting.



Brian Laddusaw
General Manager-Secretary

4. PUBLIC COMMENTS

5. **CONSENT CALENDAR**

A. Approval of Minutes for August 1, 2024, Regular Meeting

**RUBIDOUX COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS**

**MINUTES OF REGULAR MEETING
Thursday, August 1, 2024**

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

DIRECTORS VIA ZOOM: Armando Muniz

STAFF PRESENT: Brian Laddusaw, General Manager
Ted Beckwith, Director of Engineering
Kirk Hamblin, Director of Finance and Administration
Martha Perez, Customer Service/Accounts Payable
Manager
Melissa Trujillo, HR Generalist/Safety and Facilities
Coordinator

VISITORS (SIGNED IN): None

ITEM 1. 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, August 1, 2024, in-person and by teleconferencing at the District's Administrative Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 2. PLEDGE OF ALLEGIANCE – General Manager

ITEM 3. ROLL CALL – General Manager

ITEM 4. PUBLIC COMMENTS

No public comments.

ITEM 5. CONSENT CALENDAR

- A. Approval of Minutes for July 18, 2024, Regular Meeting
- B. Consideration to Approve August 2, 2024, Salaries, Expenses and Transfers

- C. **DM 2024-62: Receive and File Statement of Cash Asset Schedule Report Ending June 2024**

ACTION:

Director Trueba moved, and Director Murphy seconded to approve the Consent Calendar:

Roll call:

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

Noes – 0

Abstain – 0

Absent – 0

The motion was carried 5-0-0-0.

ITEM 6. CORRESPONDENCE AND RELATED INFORMATION

GM Brian Laddusaw included News Release 40,000 Riverside County residents gain access to state water supply via new partnership. A new partnership between five water agencies gives Rubidoux Community Services District access to high-quality water to meet growing demand. Over the past 50 years, the population in RCSD, a Western Municipal Water District (Western Water) wholesale customer, has increased from 4,000 to 40,000. RCSD previously relied on only local groundwater and needed a new way to bolster water supplies to serve its growing community. Now, four water agencies have joined forces with RCSD to ensure they have enough safe, reliable drinking water for every customer. Through a new agreement with the Metropolitan Water District of Southern California (Metropolitan), San Bernardino Valley Water District (San Bernardino Valley), West Valley Water District (WVWD), and Western Water, up to 2,000-acre feet of water imported through the State Water Project will soon flow to RCSD Customers' taps every year.

ITEM 7. REPORTS

- A. Operations Report (Second Meeting Each Month)**
- B. Emergency and Incident Report (Second Meeting Each Month)**
- C. General Manager and Staff Reports / Updates**

GM Brian Laddusaw reminded the Board of Directors of the National Night Out event occurring on Tuesday, August 6th from 6pm-8pm at Vernola Park in Jurupa Valley. He also talked about the Board Installation and Community Awards Dinner on July 27th. Director Trueba and Director Skerbelis attended the event. Pictures of the event were displayed on the screen for all attending the Board meeting to view. GM Laddusaw also mentioned the City of Jurupa Valley Branding Project Feedback Survey. The City of Jurupa Valley is asking all residents to complete the survey located on their website <https://www.jurupavalley.org/CivicAlerts.aspx?AID=403>. He also updated the Board with the giveaway updated pail numbers Director of Engineering Ted

Beckwith informed the Board of Directors about the grant the District received from Western Municipal Water District for the water conservation used for the Fire Station 38 landscape.

D. Committee Reports

No committee meetings were held.

ITEM 8. ACTION/DISCUSSION ITEMS.

- A. DM 2024-63:** Consider Participation in the Santa Ana River Watershed Public Outreach Displays

BACKGROUND:

The Santa Ana Watershed Project Authority (“SAWPA”) is a joint powers authority established in 1968 with the goal of ensuring comprehensive, sustainable, and long-term management of the Santa Ana River Watershed. This watershed spans approximately 2,840 square miles, encompassing parts of Orange, Riverside, and San Bernardino counties. The Santa Ana River itself is the largest river entirely within Southern California, stretching about 100 miles from the San Bernardino Mountains to the Pacific Ocean.

SAWPA collaborates with various stakeholders, including local governments, water agencies, and community organizations, to address critical issues such as water supply, water quality, flood control, and environmental conservation. The authority focused on integrated regional water management, promoting projects and initiatives that provide multiple benefits to the watershed and its inhabitants.

One of SAWPA’s key initiatives is public education and outreach, aiming to raise awareness about the importance of the watershed and the collective efforts required to protect and enhance it. Currently, SAWPA is offering display space on their informational displays along the Santa Ane River Watershed (Attachment 1). This initiative aims to educate the public about the watershed’s importance, conservation efforts, and the roles of various stakeholders.

The District is not on the current iteration of the watershed displays and participating in this effort would provide the District with prominent exposure to a broad audience, including local residents, tourists, and environmental enthusiasts. Further, this can provide an exciting opportunity for the District to demonstrate its commitment to environmental stewardship and community involvement. Lastly, this effort aligns with the goals of the District’s Strategic Communications Plan adopted by the Board of Directors (“Board”) on October 5, 2023 (Attachment 2).

The District has two options for participation:

- Option 1: Water agency listing – **\$1,960** – In this option, the District would be listed in the right-edge margin of the display, under ‘Water Agencies’. The District would be able to provide contact information and/or a small message.

Option 2: Large logo slot – **\$8,200** – In this option, the District would be listed at the bottom of the display and have its logo shown while also having the option of providing a generic map message.

Note: See examples of both options in Attachment 1.

SAWPA is looking to have sponsors secured in the next 2-3 months with the plan to install the new displays between December 2024 and March 2025. Once installed, the displays will remain in place for approximately 2 years in 75 locations including Rancho Jurupa Park and Jurupa Mountain Discovery Center. A full listing of the locations is included in Attachment 1. Further, although the display at Rancho Jurupa Park is currently within the District’s service area, the District could work with SAWPA on getting an additional display installed in the District at no additional cost.

Budget Considerations

This is a unique opportunity for the District to not only gain valuable exposure but also align itself with a respected authority dedicated to the long-term health and sustainability of the Santa Ana River Watershed. But since this prospect is new to the District, this effort was not budgeted for in the Fiscal Year 2024|2025 (“FY 24|25”) Water Fund Budget. Staff recommend the Board consider Option 1. To fund this display, the Board would need to adopt a budget amendment or authorize the use of existing budgeted monies not originally appropriated for this cause.

Because the District is only one-month into the new budget, staff is unable to determine if certain budgeted monies would have sufficient capacity at the end of the fiscal year to cover the cost of this effort and the normal operating costs of maintaining the water fund. Thus, staff recommends the Board approve a budget amendment in the amount of \$2,000 to fund the cost of Option 1. Administratively, this would require the increase of the FY 24|25 Water Fund Budget, line 61 ‘Miscellaneous Expense’ from \$1,000 to \$3,000, with the additional \$2,000 being funded from the Water Fund’s Unrestricted Operating Reserve, which is estimated to have an ending FY 24|25 balance of approximately \$4.4 million (Attachment 3). With a display commitment of at least 23 months, the \$1,960 display cost for Option 1 equates to about \$86 per month.

Although participation in the SAWPA displays is completely voluntary, this opportunity presents a valuable platform for the District to continue emphasizing its strategic goal of enhancing its public image and fostering strong community relations, in alignment with the District’s Strategic Communications Plan.

ACTION:

Director Skerbelis moved, and Director Trowbridge seconded to authorize the General Manager to:

1. Authorize the District’s participation and expenditure in the Santa Ana River Watershed Authority’s signage update opportunity under Option 1 in the amount of \$1,960.

2. Amend the District's Fiscal Year 2024|2025 Water Fund Budget line 61 'Miscellaneous' from \$1,000 to \$3,000 funded from the District's Water Fund Unrestricted Operating Reserve.

Roll call:

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

Noes – 1 (Murphy)

Abstain – 0

Absent – 0

The motion was carried 4-1-0-0.

- B. CLOSED SESSION** Start at 4:20pm: Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District

Close Session Ends at: 4:30pm

The Board of Directors did not have any comments to report back on.

ITEM 9. DIRECTOR'S COMMENTS AND REQUESTS

Director Murphy commented on Planet Bids. He successfully was able to locate the link on the District's website. He also commented on the electrical fleet challenge and the requirements the District will need to follow. He requested an update on the LAFCO meeting. The update will be provided during the 1st scheduled Board meeting in September. He also requested staff to provide an update on the administration building on 5473 Mission Blvd. Director Muniz apologized for not attending the meeting in person. No other Directors had any comments.

ITEM 10. NEXT MEETING

Thursday, August 15, 2024, at 4:00 P.M.

ITEM 11. ADJOURNMENT

President Skerbelis adjourned the meeting at 4:34 P.M.

5. **CONSENT CALENDAR** (continued)

B. Consideration to Approve August 16, 2024, Salaries, Expenses and Transfers

RUBIDOUX COMMUNITY SERVICES DISTRICT
AUGUST 15, 2024 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

| | |
|--|-----------|
| NET PAYROLL 8/16/24 | 93,500.00 |
| WIRE TRANSFER: FEDERAL PAYROLL TAXES 8/19/24 | 35,000.00 |
| WIRE TRANSFER: STATE PAYROLL TAXES 8/19/24 | 8,000.00 |
| WIRE TRANSFER: TO CREDIT UNION | 6,500.00 |
| WIRE TRANSFER: PERS RETIREMENT | 27,000.00 |
| WIRE TRANSFER: SECTION 125 | 299.99 |
| WIRE TRANSFER: SECTION 457 AND 401(A) | 2,350.00 |

| | |
|---|-----------|
| NET PAYROLL 8/30/24 | 93,500.00 |
| WIRE TRANSFER: FEDERAL PAYROLL TAXES 9/3/24 | 35,000.00 |
| WIRE TRANSFER: STATE PAYROLL TAXES 9/3/24 | 8,000.00 |
| WIRE TRANSFER: TO CREDIT UNION | 6,500.00 |
| WIRE TRANSFER: PERS RETIREMENT | 27,000.00 |
| WIRE TRANSFER: SECTION 125 | 299.99 |
| WIRE TRANSFER: SECTION 457 AND 401(A) | 2,100.00 |

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

| | |
|---|------------|
| 8/16/2024 WATER FUND TO GENERAL FUND-Payables | 199,018.29 |
| WATER FUND TO GENERAL FUND-Trash | 229,195.62 |
| WATER FUND TO SEWER FUND | 135,679.93 |
| | |
| SEWER FUND TO GENERAL FUND-Payables | 39,517.29 |

INTERFUND TRANSFERS:

| | |
|--|------------|
| 8/16/2024 SEWER FUND CHECKING TO LAIF SEWER OP | 95,000.00 |
| LAIF WASTEWATER REPLACEMENT TO LAIF SEWER OP | 11,750.75 |
| GENERAL FUND PROP TAX TO GENERAL FUND CHECKING | 47,717.97 |
| LAIF PROPERTY TAX TO GENERAL FUND CHECKING | 365,000.00 |
| WATER FUND CHECKING TO LAIF WATER OP | 105,000.00 |
| LAIF WATER ML TO LAIF WATER OPS | 16,502.20 |
| LAIF WATER REPLACE TO LAIF WATER OP | 10,597.50 |

NOTES PAYABLE

| <u>DESCRIPTION</u> | <u>BALANCE</u> | | <u>PAYMENT</u> | <u>DUE DATE</u> |
|--|----------------|-------|----------------|-----------------|
| U.S. Bank Trust (1998 COP's Refunding) | 690,000 | Prin. | 690,000 | Dec-24 |
| U.S. Bank Trust (1998 COP's Refunding) | 17,595 | Intr. | 17,595 | Dec-24 |
| MN Plant-State Revolving Loan | 3,052,491 | Prin. | 141,050 | Jan-25 |
| MN Plant-State Revolving Loan | 407,370 | Intr. | 41,048 | Jan-25 |
| 2022 Obligations | 2,940,803 | Prin. | 330,126 | Jul-25 |
| 2022 Obligations | 417,759 | Intr. | 44,847 | Jan-25 |

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| Tr. # | Vendor | Inv Date | Paid Out | Immediate | Credit Card Vendor | Due Date | Discount Date | Invoice # |
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| PO Number | | Immediate GL Account | Immediate GL Account | | Check # | | Payment Date | Discount |
| GL Date | | | | | Credit Card | CC Reference # | | Total Invoice |
| 1 | ACORN / ACORN TECHNOLOGY SERVICE | | | | | | | 11557 |
| AUG.24" IT SUPT | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$5,248.50 |
| 2 | ACTION PLUMBING SUPPLY, LLC / Action Plumbing Su | | | | | | | 017405 |
| 1"COPPER | | 07/24/2024 | N | N | | | 08/23/2024 07/24/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,435.88 |
| 3 | ACTION PLUMBING SUPPLY, LLC / Action Plumbing Su | | | | | | | 017422 |
| 1"COPPER | | 07/24/2024 | N | N | | | 08/23/2024 07/24/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,972.08 |
| 4 | ACTION PLUMBING SUPPLY, LLC / Action Plumbing Su | | | | | | | 017446 |
| PARTS | | 07/24/2024 | N | N | | | 08/23/2024 07/24/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$843.00 |
| 5 | ACTION PLUMBING SUPPLY, LLC / Action Plumbing Su | | | | | | | 017568 |
| COPPER | | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,972.08 |
| 6 | ACTION PLUMBING SUPPLY, LLC / Action Plumbing Su | | | | | | | 017491 |
| 1" COPPER | | 07/28/2024 | N | N | | | 08/27/2024 07/28/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,972.08 |
| 7 | AIRGAS / AIRGAS USA, LLC | | | | | | | 5510009953 |
| CO2 TANKS | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$114.76 |
| 8 | AGUILERA / AGUILERA, SILVANO | | | | | | | 20240726 |
| EDU/AGUILERA | | 07/26/2024 | N | N | | | 08/25/2024 07/26/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$337.25 |
| 9 | AWWA / AMERICAN WATER WORKS ASSOCIATION | | | | | | | 7002238357 |
| DUES-VALDEZ | | 08/05/2024 | N | N | | | 09/30/2024 08/05/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$321.00 |
| 10 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41613-0267 |
| WTR ANALYSES | | 07/26/2024 | N | N | | | 08/25/2024 07/26/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$200.00 |
| 11 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41665-0267 |
| WTR ANALYSES | | 07/29/2024 | N | N | | | 08/28/2024 07/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$20.00 |
| 12 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41726-0267 |
| WTR ANALYSES | | 07/30/2024 | N | N | | | 08/29/2024 07/30/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$42.00 |
| 13 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41824-0267 |
| WTR ANALYSES | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$48.00 |
| 14 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41838-0267 |
| WTR ANALYSES | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$90.00 |
| 15 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41978-0267 |
| WTR ANALYSES | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$62.00 |
| 16 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CG41979-0267 |
| WTR ANALYSES | | 07/31/2024 | N | N | | | 07/31/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$42.00 |

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| PO Number | | Inv Date | Immediate GL Account | Immediate | Check # | | | Discount |
| GL Date | | Immediate GL Account | | | Credit Card | CC Reference # | Payment Date | Total Invoice |
| 17 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | CG42007-0267 |
| WTR ANALYSES | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$550.00 |
| 18 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | CH40019-0267 |
| WTR ANALYSES | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$40.00 |
| 19 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | 08/02/2024 | N | N | | | 08/01/2024 08/02/2024 | CH40073-0267 |
| WTR ANALYSES | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$200.00 |
| 20 | BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES | 07/22/2024 | N | N | | | 08/21/2024 07/22/2024 | 127186 |
| SODIUM HYPO | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,578.55 |
| 21 | BPS B'S POOL SUPPLIES / B.P.S. B's POOL SUPPLIES | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | 127485 |
| SODIUM HYPO | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,578.55 |
| 22 | BRI COMMUNICATIONS / BRI COMMUNICATIONS | 08/05/2024 | N | N | | | 09/04/2024 08/05/2024 | 20240805 |
| SANTA ANA WTR DISPLA | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,960.00 |
| 23 | BRIAN SMITH DEVELOPMENT INC / BRIAN SMITH DE' | 07/30/2024 | N | N | | | 08/30/2024 07/30/2024 | 1274 |
| WD ABATE | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$550.00 |
| 24 | CALIFORNIA UNDERGROUND / CALIF UNDERGROUN | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | 24-250331 |
| DIG SAFE | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$52.24 |
| 25 | CORE & MAIN / CORE & MAIN | 07/19/2024 | N | N | | | 08/18/2024 07/19/2024 | V285687 |
| COUPLING | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$548.88 |
| 26 | CORE & MAIN / CORE & MAIN | 07/24/2024 | N | N | | | 08/23/2024 07/24/2024 | C314476 |
| PARTS | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | (\$66.56) |
| 27 | C WELLS / C. WELLS PIPELINE MATLS, INC | 07/26/2024 | N | N | | | 08/25/2024 07/26/2024 | SINC24-3001 |
| PARTS | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,558.89 |
| 28 | C WELLS / C. WELLS PIPELINE MATLS, INC | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | SINV24-3059 |
| PARTS | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$3,943.65 |
| 29 | C WELLS / C. WELLS PIPELINE MATLS, INC | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | SINV24-3060 |
| PARTS | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,590.43 |
| 30 | C WELLS / C. WELLS PIPELINE MATLS, INC | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | SINV24-3077 |
| SUPPLIES | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$91.35 |
| 31 | ERS INDUSTRIAL SERVICES, INC. / ERS INDUSTRIAL | 07/26/2024 | N | N | | | 08/15/2024 07/26/2024 | 101219 |
| COATING VLVS/LABOR | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$32,306.59 |
| 32 | FERGUSON / FERGUSON ENTERPRISE INC #1350 | 07/23/2024 | N | N | | | 08/22/2024 07/23/2024 | 0859758 |
| PVC | | | | | | | | \$0.00 |
| 08/15/2024 | | | | | N | | | \$97.88 |

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| PO Number | | Immediate GL Account | Immediate GL Account | | Check # | | Payment Date | Discount |
| GL Date | | | | | Credit Card | CC Reference # | | Total Invoice |
| 33 | FERGUSON / FERGUSON ENTERPRISE INC #1350 | | | | | | | 0859760 |
| PARTS | | 07/23/2024 | N | N | | | 08/22/2024 07/23/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$79.39 |
| 34 | FIRST CHOICE PLUMBING / FIRST CHOICE PLUMBING | | | | | | | 104528324 |
| GOLDEN WEST RPRS | | 07/25/2024 | N | N | | | 08/24/2024 07/25/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,092.00 |
| 35 | GEOTAB / GEOTAB USA, INC | | | | | | | IN394171 |
| JULY.24" TRK TCKER | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$434.75 |
| 36 | GONZALES / GONZALES, MICHAEL | | | | | | | 20240806 |
| EMP EDU | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$487.00 |
| 37 | GRAINGER / GRAINGER | | | | | | | 9188482146 |
| FREEZER POP | | 07/26/2024 | N | N | | | 08/25/2024 07/26/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$143.26 |
| 38 | HARPER BURNS LLP / HARPER & BURNS LLP | | | | | | | 20240801 |
| JULY.24" LGL SVC | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$800.00 |
| 39 | HOME DEPOT / HOME DEPOT CREDIT SERVICES | | | | | | | 031293/4511259 |
| SUPPLIES | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$66.05 |
| 40 | IB CONSULT / IB CONSULTING, LLC | | | | | | | 19662 |
| C.O.S.S | | 08/05/2024 | N | N | | | 09/04/2024 08/05/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,140.00 |
| 41 | INFOSEND / INFOSEND, INC | | | | | | | 268255.C |
| JULY.24"BILL PRINT | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$381.66 |
| 42 | INFOSEND / INFOSEND, INC | | | | | | | 268255.D |
| JULY24" POSTAGE | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,394.07 |
| 43 | INTERNATIONAL PAVING / INTERNATIONAL PAVING S | | | | | | | 15140010-02 |
| HYDNT MTR RFND | | 07/29/2024 | N | N | | | 08/28/2024 07/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,578.47 |
| 44 | LILLESTRAND / LILLESTRAND LEADERSHIP CONSUL | | | | | | | 8045 |
| CNSLT BECK/VALDE | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,562.50 |
| 45 | MASTER'S / MASTER'S SERVICES (GLACIER) | | | | | | | 0000001081569 |
| BTL WTR | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$112.50 |
| 46 | MERIT OIL / MERIT OIL COMPANY | | | | | | | 854904 |
| GASOLINE | | 07/24/2024 | N | N | | | 08/08/2024 07/24/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$862.41 |
| 47 | MERIT OIL / MERIT OIL COMPANY | | | | | | | 856077 |
| GASOLINE | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,314.65 |
| 48 | MINUTEMAN PRESS / MINUTEMAN PRESS | | | | | | | 33448 |
| SVC ORD SHEETS | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$357.79 |

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| PO Number | | Immediate GL Account | GL Account | | Check # | | Payment Date | Discount |
| GL Date | | | | | Credit Card | CC Reference # | | Total Invoice |
| 49 | OSTS,INC / Osts, Inc. | | | | | | | 63121 |
| WRK VIOL/HAZ MAT | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$3,712.00 |
| 50 | PRO SYSTEMS INC / PRO SYSTEMS INC | | | | | | | INV-010520 |
| FIXED ASST SUPT | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$295.00 |
| 51 | PUMP CHECK / PUMP CHECK | | | | | | | 670 |
| METER TEST | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$300.00 |
| 52 | ROYAL INDUSTRIAL / ROYAL INDUSTRIAL SOLUTIONS | | | | | | | 6441-1128006 |
| SUPPLIES | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$22.94 |
| 53 | RUHNAU / RUHNAU CLARKE ARCHITECTS | | | | | | | 18691 |
| 5473 SVC | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$8,250.00 |
| 54 | SCAQMD / SCAQMD | | | | | | | 4391888 |
| PERMITS/ASSC DUES | | 07/16/2024 | N | N | | | 08/15/2024 07/16/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$541.04 |
| 55 | SCAQMD / SCAQMD | | | | | | | 4394353 |
| PERMITS/ASSC DUES | | 07/16/2024 | N | N | | | 08/15/2024 07/16/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$165.96 |
| 56 | SCE / SCE | | | | | | | 24G700244764992 |
| STRT LIGHTS | | 08/01/2024 | N | N | | | 08/21/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$149.00 |
| 57 | SCG / THE GAS COMPANY | | | | | | | 24G05925730565 |
| FIRE STN UTLTY | | 08/01/2024 | N | N | | | 08/21/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$90.62 |
| 58 | SCG / THE GAS COMPANY | | | | | | | 24G17882256005 |
| MAIN OFC UTILITY | | 08/01/2024 | N | N | | | 08/21/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$34.49 |
| 59 | SCG / THE GAS COMPANY | | | | | | | 24G01302181001 |
| FLD OFC UTLTY | | 08/01/2024 | N | N | | | 08/21/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$15.78 |
| 60 | SCG / THE GAS COMPANY | | | | | | | 24G12013321489 |
| 5473 UTILITY | | 08/01/2024 | N | N | | | 08/21/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$15.78 |
| 61 | STEPSAVER / STEP-SAVER CA.LLC | | | | | | | CT481158 |
| SALT | | 07/26/2024 | N | N | | | 08/25/2024 07/26/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$5,368.25 |
| 62 | STREAMLINE_DIGITAL / STREAMLINE | | | | | | | B89E97D4-0045 |
| AUG.24"-SEP.24"WEBSI | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$497.00 |
| 63 | THERMAL COOL / THERMAL-COOL, INC. | | | | | | | WO-0023628 |
| 3590RUB.OPS TSTAT | | 07/24/2024 | N | N | | | 08/23/2024 07/24/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$438.75 |
| 64 | THERMAL COOL / THERMAL-COOL, INC. | | | | | | | WO-0023667 |
| 3590 RUB OFC.T STAT | | 07/24/2024 | N | N | | | 08/23/2024 07/24/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$135.00 |

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| PO Number | | Inv Date | Paid Out | Immediate | Check # | | Discount Date | Discount |
| GL Date | Immediate GL Account | | | | Credit Card | CC Reference # | Payment Date | Total Invoice |
| 65 | THERMAL COOL / THERMAL-COOL, INC. | | | | | | | WO-0023697 |
| 2100 FLEETWOOD RPRS | | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,975.00 |
| 66 | UNDERGROUND SERVICE ALERT / UNDERGROUND : | | | | | | | 720240567 |
| DIG SAFE | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$376.30 |
| 67 | VULCAN MATERIALS / CALMAT DBA VULCAN MATERI | | | | | | | 74077147 |
| CL2 BASE | | 07/29/2024 | N | N | | | 08/28/2024 07/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$428.92 |
| 68 | WESTERN MUNICIPAL WATER / WESTERN MUNICIPA | | | | | | | RI5371 |
| AUG.24" BRINE FIXED | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$749.94 |
| 69 | WESTERN MUNICIPAL WATER / WESTERN MUNICIPA | | | | | | | IN-15806 |
| JUNE.24" BRINE | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$169.23 |
| 70 | A&G SERVICES, INC / A&G INSTRUMENT SERVICE & | | | | | | | 49252 |
| SWR MTR/AVE JUAN DIA | | 05/01/2024 | N | N | | | 05/31/2024 05/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$10,617.98 |
| 71 | AT&T / AT&T | | | | | | | 000022111301 |
| PHN CHRGS | | 08/07/2024 | N | N | | | 09/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$534.31 |
| 72 | AQUA METRIC SALES / AQUA METRIC SALES CO | | | | | | | INV0103144 |
| 2" METERS | | 08/04/2024 | N | N | | | 09/03/2024 08/04/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,805.81 |
| 73 | AQUA METRIC SALES / AQUA METRIC SALES CO | | | | | | | INV0103145 |
| PROBE READER | | 08/04/2024 | N | N | | | 09/03/2024 08/04/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$566.77 |
| 74 | AQUA METRIC SALES / AQUA METRIC SALES CO | | | | | | | INV0103146 |
| 4" METER | | 08/04/2024 | N | N | | | 09/03/2024 08/04/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$5,584.03 |
| 75 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CH40265-0265 |
| WTR ANALYSES | | 08/07/2024 | N | N | | | 08/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$84.00 |
| 76 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CH40270-0267 |
| WTR ANALYSES | | 08/07/2024 | N | N | | | 09/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$84.00 |
| 77 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CH40275-0267 |
| WTR ANALYSES | | 08/07/2024 | N | N | | | 09/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$4,400.00 |
| 78 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CH40288-0267 |
| WTR ANALYSES | | 08/07/2024 | N | N | | | 09/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$90.00 |
| 79 | BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN | | | | | | | CH40307-0267 |
| WTR ANALYSES | | 08/07/2024 | N | N | | | 09/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$550.00 |
| 80 | BADGER METER / BADGER METER | | | | | | | 80164831 |
| SFTWR SUBS. | | 07/25/2024 | N | N | | | 08/25/2024 07/25/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$450.00 |

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| PO Number | | Immediate | GL Account | | Check # | | Payment Date | Discount |
| GL Date | | | | | Credit Card | CC Reference # | | Total Invoice |
| 81 | BRINKS / BRINKS INC. | | | | | | | 12684129 |
| AUG.24" ARMRD | | 08/01/2024 | N | N | | | 09/01/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,471.08 |
| 82 | BUSINESS / BUSINESS TELECOMMUNICATION SYSTI | | | | | | | 21550 |
| TELEPHONE | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$721.68 |
| 83 | CARQUEST AUTO PARTS / CARQUEST AUTO PARTS | | | | | | | 7456-548313 |
| R&M TRUCK | | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$75.18 |
| 84 | CARQUEST AUTO PARTS / CARQUEST AUTO PARTS | | | | | | | 7456-548314 |
| WASH FLUID | | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$6.20 |
| 85 | CARQUEST AUTO PARTS / CARQUEST AUTO PARTS | | | | | | | 7456-548428 |
| DIESEL FLUID | | 08/05/2024 | N | N | | | 09/04/2024 08/05/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$15.07 |
| 86 | DURNEY DON / DURNEY, DON | | | | | | | 20240806 |
| GRDNG WD ABATE | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,955.00 |
| 87 | HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI | | | | | | | 012N2414 |
| PVC | | 08/07/2024 | N | N | | | 09/06/2024 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$209.30 |
| 88 | RIVERSIDE CNTY DEPT ENVIRONMENTAL / RIVERSIC | | | | | | | IN1011597 |
| PERMIT/ASSC DUES | | 08/01/2024 | N | N | | | 08/31/2024 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$997.00 |
| 89 | SCE / SCE | | | | | | | 24G600000522796 |
| STRT LIGHTS | | 08/05/2024 | N | N | | | 09/04/2024 08/05/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$15,090.88 |
| 90 | SCE / SCE | | | | | | | 24G700040982544 |
| MAIN OFC UTLTY | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,986.93 |
| 91 | SCE / SCE | | | | | | | 24G700617778997 |
| FIRE STN UTLTY | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$3,983.73 |
| 92 | STEPSAVER / STEP-SAVER CA.LLC | | | | | | | CT469770 |
| SALT | | 08/06/2024 | N | N | | | 09/05/2024 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$5,065.50 |
| 93 | THE PRESS-ENTERPRISE / THE PRESS ENTERPRISE | | | | | | | 0000596992 |
| NOTICE PUBLICATION | | 07/31/2024 | N | N | | | 08/30/2024 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$452.05 |
| 94 | QUADIENT / QUADIENT LEASING USA, INC. | | | | | | | RVSD30243259 |
| PST MTR | | 08/02/2024 | N | N | | | 09/01/2024 08/02/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$386.72 |
| 95 | TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC | | | | | | | 0724-080724.A |
| COMM TRSH | | 08/08/2024 | N | N | | | 09/07/2024 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$66,863.55 |
| 96 | TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC | | | | | | | 0724-080724.B |
| RES TRSH | | 08/08/2024 | N | N | | | 09/07/2024 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$162,332.07 |

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| GL Date | | | | | Credit Card | CC Reference # | | Total Invoice |
| 97 | TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC | | | | | | | 0724-080724.C |
| | RCSD SHR COMM | 08/08/2024 | N | N | | 09/07/2024 | 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | (\$9,360.90) |
| 98 | TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC | | | | | | | 0724-080724.D |
| | RCSD SHR RES | 08/08/2024 | N | N | | 09/07/2024 | 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | (\$4,876.85) |
| 99 | VALDEZ, MIGUEL / VALDEZ, MIGUEL | | | | | | | 20240806 |
| | FLD CREW /RPR LUNCH | 08/06/2024 | N | N | | 09/05/2024 | 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$80.28 |
| 100 | VERIZON WIRELESS / VERIZON WIRELESS | | | | | | | 9970374326 |
| | CEL PHN CHRGS | 08/01/2024 | N | N | | 08/24/2024 | 08/01/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$735.88 |
| 101 | VULCAN MATERIALS / CALMAT DBA VULCAN MATERI | | | | | | | 74082058 |
| | CL2 BASE | 07/31/2024 | N | N | | 08/30/2024 | 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$868.54 |
| 102 | VULCAN MATERIALS / CALMAT DBA VULCAN MATERI | | | | | | | 74082059 |
| | COLD MIX | 07/31/2024 | N | N | | 08/30/2024 | 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,505.75 |
| 103 | ACORN / ACORN TECHNOLOGY SERVICE | | | | | | | 11602 |
| | BLUEMEAN RNWL | 08/08/2024 | N | N | | 09/07/2024 | 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,382.00 |
| 104 | MANRIQUE, BENNY / MANRIQUE, BENNY | | | | | | | 20240805 |
| | MILEAGE REIMB | 08/05/2024 | N | N | | 09/04/2024 | 08/05/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$534.69 |
| 105 | ROJO MARIO / ROJO MARIO | | | | | | | 1140440017 |
| | RFND OVRPYMT | 08/02/2024 | N | N | | 09/01/2024 | 08/02/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$48.40 |
| 106 | SALAS / SALAS, MARCOS | | | | | | | 20240805 |
| | MILEAGE REIMB | 08/05/2024 | N | N | | 09/04/2024 | 08/05/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$544.74 |
| 107 | TKE ENGINEERING / TKE ENGINEERING, INC. | | | | | | | 2024-291 |
| | ANNEXATION CNSLT | 07/25/2024 | N | N | | 08/24/2024 | 07/25/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$9,742.50 |
| 108 | VARNER / VARNER & BRANDT LLP | | | | | | | 20240731 |
| | JULY.24"LGL CNSLT | 07/31/2024 | N | N | | 08/30/2024 | 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$679.68 |
| 109 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI | | | | | | | ARIV0004408 |
| | WATER SUPPLY&DEMAND | 06/29/2024 | N | N | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$3,768.50 |
| 110 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI | | | | | | | ARIV0004415 |
| | AMI GRNT CNSLT T.O30 | 06/29/2024 | N | N | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$3,262.75 |
| 111 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI | | | | | | | ARIV0004418 |
| | RCSD FLUSHING | 06/29/2024 | N | N | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,942.75 |
| 112 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI | | | | | | | ARIV0004426 |
| | WELL 25 | 06/29/2024 | N | N | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$13,162.45 |

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| GL Date | Immediate GL Account | | | | Credit Card | CC Reference # | Payment Date | Total Invoice |
| 113 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI/ | | | | | | | ARIV0004502 |
| BELL TOWN LIFT STATI | 06/29/2024 | N | N | | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$11,750.75 |
| 114 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI/ | | | | | | | ARIV0004589 |
| CONNECTION NEXUS | 06/29/2024 | N | N | | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$790.50 |
| 115 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI/ | | | | | | | ARIV0004659 |
| RIO VISTA DEVELOPER | 06/29/2024 | N | N | | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$512.75 |
| 116 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI/ | | | | | | | ARIV0004666 |
| CAL OES GENERATORS | 06/29/2024 | N | N | | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$1,841.00 |
| 117 | WEBB ALBERT A ASSOC / WEBB, ALBERT A. ASSOCI/ | | | | | | | ARIV0004492 |
| THOMPSON BOD | 06/29/2024 | N | N | | | 07/29/2024 | 06/29/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$7,865.25 |
| 118 | WESTERN MUNICIPAL WATER / WESTERN MUNICIPA | | | | | | | IN-15817 |
| ANNUAL PERMIT BRINE | 08/07/2024 | N | N | | | 09/06/2024 | 08/07/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$5,875.00 |
| 119 | JAGER TRANS INC / JAGER TRANS INC | | | | | | | INV0569 |
| SALAS-TRAINING | 01/26/2024 | N | N | | | 02/25/2024 | 01/26/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$2,605.00 |
| 120 | JAGER TRANS INC / JAGER TRANS INC | | | | | | | INV0570 |
| ULLOA-TRAINING | 01/26/2024 | N | N | | | 02/25/2024 | 01/26/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$2,605.00 |
| 121 | JAGER TRANS INC / JAGER TRANS INC | | | | | | | INV0571 |
| FIKE-TRAINING | 01/26/2024 | N | N | | | 02/25/2024 | 01/26/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$2,605.00 |
| 122 | JAGER TRANS INC / JAGER TRANS INC | | | | | | | INV0572 |
| GONZALES-TRAINING | 01/26/2024 | N | N | | | 02/25/2024 | 01/26/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$2,605.00 |
| 123 | NATIONAL PAVING CO / NATIONAL PAVING CO, INC | | | | | | | 1-2324168 |
| PAVING | 08/06/2024 | N | N | | | 09/05/2024 | 08/06/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$21,811.14 |
| 124 | BURRTEC / BURRTEC WASTE INDUSTRIES, INC. | | | | | | | N0820658355 |
| SWR WSTE HAUL | 07/31/2024 | N | N | | | 08/30/2024 | 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$1,548.69 |
| 125 | CORODATA SHREDDING, INC / CORODATA SHREDDII | | | | | | | DN1483090 |
| SHREDDING | 07/31/2024 | N | N | | | 08/30/2024 | 07/31/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$36.75 |
| 126 | GRAINGER / GRAINGER | | | | | | | 9209980409 |
| PRIMER SPRAY | 08/08/2024 | N | N | | | 09/07/2024 | 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$334.69 |
| 127 | GRAINGER / GRAINGER | | | | | | | 9209980417 |
| WTR MIX | 08/08/2024 | N | N | | | 09/07/2024 | 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$82.83 |
| 128 | HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI | | | | | | | 012N2442 |
| 6"&8" VALVE | 08/08/2024 | N | N | | | 09/07/2024 | 08/08/2024 | \$0.00 |
| 08/15/2024 | | | | N | | | | \$3,206.08 |

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| GL Date | | Inv Date | Immediate GL Account | Immediate | Credit Card | CC Reference # | Payment Date | Total Invoice |
| 129 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49783 |
| WTR CNSLT | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$6,315.25 |
| 130 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49784 |
| WSTE WTR CNSLT | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,392.75 |
| 131 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49785 |
| PRETRTMNT | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,440.14 |
| 132 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49786 |
| RUBIDOUX COMMERCE PA | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$2,186.75 |
| 133 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49787 |
| AGUA COMM PK 37528 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$348.25 |
| 134 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49788 |
| TR 36649 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$360.75 |
| 135 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49789 |
| EMRLD RDGE 37640 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$109.50 |
| 136 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49790 |
| EMRLD RDGE 37640 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$96.50 |
| 137 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49791 |
| EMRLD RDGE 37640 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$386.00 |
| 138 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49792 |
| COUNTRY SIDE | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$796.00 |
| 139 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49793 |
| EMRLD RDGE 36947 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,826.00 |
| 140 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49794 |
| TR 37211 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$26,603.20 |
| 141 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49795 |
| JV TRACK 38318 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$3,124.25 |
| 142 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49796 |
| FLABOB AIRPORT | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$158.25 |
| 143 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49797 |
| MISSION VILLAGE | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$942.50 |
| 144 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49798 |
| RCSD TRACK 37857 | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 |
| 08/15/2024 | | | | | N | | | \$1,838.00 |

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| GL Date | | Immediate GL Account | | Credit Card | CC Reference # | | Payment Date | Total Invoice | |
| 145 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49799 | |
| WTR CNSLT | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$7,683.20 | |
| 146 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49800 | |
| CCR'S | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$3,198.75 | |
| 147 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49801 | |
| WILSON WWWD INTER | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$3,339.75 | |
| 148 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49802 | |
| THMP FILT SYS. | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$10,597.50 | |
| 149 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49803 | |
| 2023 MANUAL | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$9,299.00 | |
| 150 | KRIEGER & STEWART / KRIEGER & STEWART, INC. | | | | | | | 49804 | |
| RCSD ASSESSMENT | | 06/21/2024 | N | N | | 07/21/2024 | 06/21/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$3,002.00 | |
| 151 | RUHNAU / RUHNAU CLARKE ARCHITECTS | | | | | | | 18542 | |
| 5473 SVC | | 06/28/2024 | N | N | | 07/28/2024 | 06/28/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$24,750.00 | |
| 152 | YO FIRE / YO FIRE | | | | | | | 2031595 | |
| STRAP SADDLES | | 08/08/2024 | N | N | | 09/07/2024 | 08/08/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$732.70 | |
| 153 | YO FIRE / YO FIRE | | | | | | | 2031607 | |
| COUPLING | | 08/08/2024 | N | N | | 09/07/2024 | 08/08/2024 | \$0.00 | |
| 08/15/2024 | | | | N | | | | \$1,124.91 | |
| Grand Totals | | | | | | | | | |
| | | | | | | | | Total Direct Expense: | \$610,270.22 |
| | | | | | | | | Total Direct Expense Adj: | (\$14,304.31) |
| | | | | | | | | Total Non-Electronic Transactions: | \$595,965.91 |

Report Summary

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

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KA 8/12/24

5. **CONSENT CALENDAR** (continued)

- C. **DM 2024-64:** Consider Proposal from Lillestrand Leadership Consulting to Develop a 5 Year Strategic Plan for Rubidoux Community Services District

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge



General Manager

Brian R. Laddusaw

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

DIRECTORS MEMORANDUM 2024-64

August 15, 2024

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Proposal from Lillestrand Leadership Consulting to Develop a 5-Year Strategic Plan for Rubidoux Community Services District

BACKGROUND:

The Board of Directors (“Board”) of Rubidoux Community Services District (“District”) is elected by customers to set policies and direction consistent with the mission of the District which is – “To provide high quality water services, sewer disposal, trash, and fire mitigation services at the best value for our customers.” Day to day implementation of the mission is accomplished through District staff which is led by the General Manager and leadership team. The current leadership team is comprised of the following positions – General Manager, Assistant General Manager (September 2024), Director of Engineering, Director of Finance and Administration, and Director of Operations. District staff are provided leadership by this team.

All organizations have a responsibility to plan for the successful transition and succession of organizational leadership. In 2020, the District’s management structure was going through a transition. The District’s long-term General Manager and Assistant General Manager retired in 2019 and 2020, respectively. Further, the District’s Director of Finance and Administration and Director of Engineering were hired in 2019 and 2020, respectively, from external sources. Lastly, the District’s Director of Operations, who had been with the District for 16 years, transitioned to their first management role in 2019.

In November 2020, to assist with growth of the new leadership team, the District engaged Loren Lillestrand of Lillestrand Leadership Consulting (“Lillestrand”) to provide leadership coaching assistance. Loren Lillestrand is skilled at personal coaching of staff to help their leadership development. For almost four years, the District’s leadership team have routinely met with Loren, fostering a culture of continuous improvement, collaboration, and strategic thinking. These sessions have been invaluable, providing the leadership team with the tools and insights needed to enhance decision-making, strengthen communication, and navigate complex challenges. The coaching has not only empowered individual leaders to grow but has also unified the team around shared goals,

ensuring that the District operates with greater efficiency and vision. This ongoing professional development has laid a strong foundation for the District, making the creation of a long-term strategic plan the next logical step in the District's commitment to excellence and community service.

While the District has successfully managed its day-to-day operations, there has never been a formalized long-term strategic plan to address the District's growth, emerging needs, and challenges over the coming years. A strategic plan will serve as a roadmap for the District, aligning its mission, vision, and objectives with the expectations of the community, regulatory requirements, and future economic and environmental conditions. The plan will also enable the District to prioritize projects, allocate resources more effectively, and measure progress toward achieving its goals.

Given the success of the District's nearly four-year partnership with Lillestrand Leadership Consulting, there is significant value in leveraging this relationship for the strategic planning process. Their familiarity with the District and proven expertise will ensure a seamless, tailored approach that aligns with the District's goals and community needs. Lillestrand's proposal totals \$29,350, which includes comprehensive stakeholder engagement, data analysis, and the development of actionable strategies. This investment will ensure the District's strategic plan is both visionary and practical.

Budget Considerations

Authorizing this proposal provides a unique opportunity to guide the District's future growth, service enhancements, and resource management while fulfilling the goal set out in 2020 when the Board first engaged Lillestrand Leadership Consulting. Unfortunately, this effort was not considered in the Fiscal Year ("FY") 2024|2025 ("24|25") General Fund Budget and requires a budget amendment to proceed forward.

Staff recommends the Board amend the FY 24|25 General Fund Budget by creating a new budgeted line item called 'Consulting Fee: District Strategic Plan' and funding the budget \$30,000, which is sufficient to cover the cost of the proposal plus an additional contingency. This effort would be funded by the District's Unrestricted Property Tax Operating Reserve, which as of August 12, 2024, has a balance of \$4.25 million, more than sufficient to cover the cost of this work.

RECOMMENDATION:

Staff recommends the Board of Directors consider the following:

1. Accept the proposal from Lillestrand Leadership Consulting and issue a Task Order to the consultant in the amount of \$29,350 to assist the District in developing its strategic plan.
2. Amend the District's Fiscal Year 2024|2025 General Fund Budget by creating a new line item called 'Consulting Fee: District Strategic Plan' and funding the budget in the amount of \$30,000 from the District's Unrestricted Property Tax Operating Reserve.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attachment(s):

1. Proposal dtd. July 31, 2024 – Lillestrand Leadership Consulting – District Strategic Plan



July 31, 2024

Mr. Brian Laddusaw
General Manager
Rubidoux Community Services District
3590 Rubidoux Boulevard
Jurupa Valley, CA 92509

Via E-mail to bladdusaw@rcsd.org

**REGARDING: PROPOSAL TO
THE RUBIDOUX COMMUNITY SERVICES DISTRICT
FOR STRATEGIC PLANNING
From Lillestrand Leadership Consulting
Richard L. Durant, Senior Consultant**

Dear Brian,

It was great to meet with you again earlier today to discuss strategic planning for Rubidoux Community Services District. I would really enjoy serving you and the board and staff members of the District in facilitating a strategic planning process and drafting the relevant documents.

The purpose of this document is to provide you with a proposal for strategic planning for you to present to the Board of Rubidoux Community Services District in their meeting scheduled for August 15, 2024. If you or the board members have any questions or need to discuss anything with me, I would be happy to do so.

Please note that there is flexibility in the planning process. Adjustments can be made as needed. This proposal is meant to provide a general picture for the flow of the process. The strategic planning process for the Rubidoux Community Services District can be tailored as necessary to fit your needs, desires, preferences, and budget.

The goals for the strategic planning process and the plan documents include the following:

1. Setting the overall direction for the District for the next five years. In particular, the plan would be District-oriented and less dependent upon the particular leadership for the District.
2. Enabling the District to communicate more effectively with the various constituencies.
3. The process would be useful for helping with team dynamics, internal communication, board/staff relations, etc.

Lillestrand Leadership Consulting

Richard L. (Dick) Durant, Senior Consultant

Office: (909) 798-5596 * Cell: (951) 203-6894 * E-mail: dickdurant@verizon.net

Web: <http://www.lillestrand.com/> * 301 9th Street, Suite 104, Redlands, CA 92374

Included in this proposal are the following:

- Qualifications for facilitation of strategic planning of Richard L. (Dick) Durant, lead consultant for this project, and Lillestrand Leadership Consulting;
- Overview of approach to facilitation of strategic planning;
- Associated costs for services.

It is my understanding that you would like to have the agreement for doing the strategic planning in place in August. However, you want to make sure that you have your all five of your management team staff members in place to participate in the process. So, at this point, the most likely scenario for starting the process will be about mid-September. My schedule is flexible enough so that I can accommodate what you want and what fits the needs of the District.

I enjoy and prefer in-person meetings, especially since we are so close. That said, I have found that on-line video meetings using something like Zoom have worked in meetings like these. So, I am flexible in regard to how the meetings would be conducted.

Again, I would consider it a privilege to serve the Rubidoux Community Services District by helping facilitate a strategic planning process.

Please contact me if you have any questions. My contact information is included.

Sincerely,

Richard L. Durant

Richard L. (Dick) Durant
Senior Consultant and Lead Consultant for Project
Lillestrand Leadership Consulting

Proposal follows this cover letter.

CC Loren Lillestrand, President, Lillestrand Leadership Consulting
Sylvia Nash, Senior Consultant and Client Communications Coordinator, Lillestrand
Leadership Consulting

PROPOSAL TO THE

**RUBIDOUX COMMUNITY SERVICES
DISTRICT**

FOR

STRATEGIC PLANNING

FROM



July 31, 2024

Contact Person for Lillestrand Leadership Consulting
Richard L. (Dick) Durant, Senior Consultant and Lead Consultant for Project
Office: (909) 798-5596 * Cell: (951) 203-6894
E-mail: dickdurant@verizon.net * Web: <http://www.lillestrand.com/>
See full contact information on page 4 of this proposal.

Contact Information



Lillestrand Leadership Consulting

<http://www.lillestrand.com/>

2729 Brookside Drive

Chino Hills, CA 91709-5934

Telephone: (951) 805-9192

Sylvia Nash

Senior Consultant and Client Communications
Coordinator

2729 Brookside Drive

Chino Hills, CA 91709-5934

Cellular: (951) 805-9192

E-mail: Sylvia@Lillestrand.com

Loren Lillestrand

Founder/President

2729 Brookside Drive

Chino Hills, CA 91709-5934

Cellular: (909) 496-9060

E-mail: Loren@Lillestrand.com

Richard L. (Dick) Durant

Senior Consultant and Lead Consultant for Project

301 9th Street, Suite 104

Redlands, CA 92374

Office: (909) 798-5596

Cellular: (951) 203-6894

E-Mail: dickdurant@verizon.net

Executive Summary

Richard L. (Dick) Durant, Senior Consultant with Lillestrand Leadership Consulting and lead consultant for this project, would consider it a privilege to assist the Rubidoux Community Services District with strategic planning. This section of the proposal is to provide you with a quick and “big picture” overview of this proposal.

Outcomes

1. Facilitation of strategic planning meetings involving the Board, the management team, and other selected participants for the Rubidoux Community Services District.
2. Production of strategic planning documents that include all of the necessary elements including mission, vision, values, analysis of needs and organization, strategic focus areas, major objectives including timelines, and whatever else is necessary for documenting the plan.

Availability and Time Frame

I am available to begin the process when you are ready to start. I can work my schedule to accommodate your and the District’s schedule. After discussion, we can agree on a date to begin the process and a target date for completing it.

Summary of Process

1. Step 1. 0.25 days. Consultant meets with General Manager and selected management team members for discussion of process; decision on elements to include in discussions; and other matters related to making sure that strategic planning meeting is optimized. (This meeting could be by in person (preferably) or by telephone ahead of time or, if need be, on same day as planning meeting prior to that meeting.)
2. Step 2. 2.75 days. Consultant facilitates strategic planning meetings to possibly include the following:
 - a. Overview of the process and elements of the strategic plan;
 - b. Discussion related to review of District’s mission;
 - c. Discussion related to District’s vision and values;
 - d. Discussion related to identification of constituencies and their needs; strengths and weaknesses of the organization; opportunities to pursue and threats to avoid in the "marketplace;" and problems that must be solved in the near-term;
 - e. Discussion related to areas of strategic focus, major objectives, and longer-range goals;
 - f. Discussion related to intermediate goals with timelines and responsible people, along with performance measurement and monitoring.
3. Step 3. 0.50 days. Consultant meets with General Manager and selected management team members for follow-up of meeting.
4. Step 4. 1.50 days. Consultant drafts plan document(s).
5. Step 5. 2.00 days. Consultant available as needed for edits, additional meetings, etc.

Estimated Number of Billable Days for Consultant **7.00**

Estimated amount for The Rubidoux Community Services District (for billable days and reimbursable expenses) for the process described above: **\$29,350**

Special Notes:

1. There is flexibility in the amount of time allocated for each activity and the specific topics to include in the planning sessions. This “Summary of Process” is meant to provide general picture for the flow of the process.
2. Other scenarios and options are possible, and the strategic planning process for the Rubidoux Community Services District can be tailored as necessary to fit your needs, desires, preferences, and budget. The scenario presented in the proposal can be modified as needed.
3. I am committed to facilitating the process and drafting the documents as efficiently as possible. Thus, if a particular step noted above takes less than what is estimated, the actual lower amount for fees and expenses will be invoiced.
4. If modifications to the process are deemed necessary that cause a particular step to take more time, I am committed to getting your approval before proceeding.
5. If RCSD needs a proposal that with “an amount not to exceed” a certain dollar amount, I can make that part of the proposal. In that case, actual fees and expenses would be invoiced, but the total cost to the Rubidoux Community Services District would be no greater than the “amount not to exceed” noted above for fees and expenses.

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**Proposal for Strategic Planning for the Rubidoux Community Services
District
From Lillestrand Leadership Consulting
July 31, 2024**

Introduction

Thank you for this opportunity to provide this proposal to the Rubidoux Community Services District to facilitate a strategic planning process and draft the related documents.

In this proposal, I have included the following sections:

- Qualifications for facilitation of strategic planning of Richard L. (Dick) Durant, lead consultant for this project, and Lillestrand Leadership Consulting;
- Overview of Approach to facilitation of strategic planning;
- Associated costs for services.

If given the opportunity to serve you, my commitment is to serve you well, fulfilling your expectations and facilitating a planning process that yields the results necessary in order to prepare Strategic Plan document(s) that are easy to understand, use, and allow for ease in tracking progress by all those involved from the Rubidoux Community Services District.

The strategic plan for the Rubidoux Community Services District belongs to the District, not the consultant. Thus, the consultant's role is to serve the District in developing that plan – not to tell the District what to do! For over 30 years, Lillestrand Leadership Consulting has been effectively helping organizational leaders and their teams in developing and implementing strategic plans.

In summary, the consultant's role is to enable the District's objectives for the strategic planning process and documents to be met with excellence, within the anticipated time frame, within budget, and in ways that make the process as easy as possible for the Rubidoux Community Services District.

Qualifications for Facilitation of Strategic Planning of Richard L. (Dick) Durant, Lead Consultant for This Project, and Lillestrand Leadership Consulting

For more information, please see <http://www.lillestrand.com/>.

History and Background of Lillestrand Leadership Consulting

Since our founding in 1989, Lillestrand Leadership Consulting has been privileged to serve more than 200 different organizations including nonprofits, businesses, and governmental agencies. We were founded by Loren Lillestrand out of his experience as a corporate executive. While directing the U.S. operations of a large multinational corporation, he spent over a million dollars in consultant fees. A large part of his executive life has been spent perfecting the effective use of consulting services. Being responsible for leading and serving 2600+ full-time employees in over sixteen divisions in this broad multifaceted environment, the applications of consulting services were widely varied in both scope and nature.

A few years later, the tables were turned. Loren was unexpectedly drawn into the consulting business when a Disney executive called. The fact that he had used consulting services long before he had ever provided them, proved to be a unique benefit, not only for Disney, but for all of our subsequent clients. This experience gives Lillestrand Leadership Consulting a "leader's point of view." We know what is helpful – what works and what does not work. This unique "client's-eye-view" has revolutionized our approach to consulting. We have made an ironclad commitment to design every aspect of our values and services from a client's perspective – that is, from YOUR perspective."

Summary of Personnel Working on This Project

Richard L. (Dick) Durant will be the lead project consultant. Please see below for information about Richard L. (Dick) Durant. (Note that Loren Lillestrand and Sylvia Nash will provide support for Dick Durant as needed. Lillestrand Leadership Consulting does not anticipate utilizing any other personnel for this project.)

General Background Information about Richard L. (Dick) Durant, Senior Consultant, Lillestrand Leadership Consulting and Lead Consultant for This Project

Richard L. (Dick) Durant serves as a leadership and organizational consultant, seeking to help the leaders of businesses and non-profit organizations to clarify and achieve their vision.

Dick has been involved in leadership and management for businesses and non-profits for more than forty-five years. Born in Birmingham, Alabama, Dick grew up there as well as Houston, Texas and Atlanta, Georgia. Dick attended the Georgia Institute of Technology as a National Merit Scholar, graduating with a Bachelor of Science in Physics in 1974. While there, he was a Dean's List student and a member of the Phi Eta Sigma Honor Society.

After completing college in 1974, Dick joined the staff of a large international non-profit organization. He served for 14 years in a number of field, administrative, and leadership positions. He performed such duties as training field administrators, managing the schedule and office for the U.S. Director, coordinating the fund raising activities for the 16 U.S. divisions, developing fund raising tools and training, and giving leadership to major donor and direct marketing programs.

In 1988, Dick began his service as a consultant dedicated to strengthening leaders of businesses and nonprofit organizations. In this role, Dick has provided counsel to over 100 different organizational leaders, helping in areas such as organizational assessment, strategic planning, financial controls and reporting, marketing, human resources, leadership development, and fund raising.

Dick has served and/or continues to serve in contracted positions as Director of Finance or Chief Financial Officer for a number of organizations, overseeing such issues as strategic integration, budgeting, controls, audit preparation, and development of financial staff members.

In 1990, Dick completed a two-year Master of Business Administration from the prestigious Executive program at UCLA, finishing at the top of the program. Dick completed this program while working.

For additional information, please see http://www.lillestrand.com/dick_durant.

Strategic Planning Background of Richard L. (Dick) Durant

Dick has been involved with strategic planning for more than thirty-five years. He had significant experience as an organizational manager with strategic planning. While completing his Masters in Business Administration in the Executive MBA program at the Anderson School at UCLA (in which he finished number one in his class), Dick studied under some of the leading experts in strategic management including William Ouchi (author of Theory Z and former chief of staff for Los Angeles Mayor Richard Riordan), Eric Flamholtz (author of Growing Pains), José de la Torre, and Richard Rumelt.

The final project for this MBA program was for the class to help Suntory, a large privately-held Japanese conglomerate whose original and largest business was that of being Japan's largest distiller of spirits. The project was to help Suntory develop a strategy for expanding into food and non-alcoholic beverages in North America and Europe. The team Dick was on was assigned the non-alcoholic beverages segment for North America. Dick did the majority of the writing for a strategy where Suntory could meet their objectives and minimize their risks by taking the existing bottled water companies they owned in the United States and expand this business.

As a management consultant for over thirty years, Dick has helped more than thirty different organizations with strategic plans. In addition, Dick has taught on this subject on numerous occasions.

For several years, the Fieldstone Foundation of Orange County provided grant funding for Dick to help develop strategic plans for some of the organizations that received their grants including the San Diego Rescue Mission, Prevent Child Abuse Orange County, National Center for Missing and Exploited Children (Southern California branch), Royal Family Kids Camps, Pacific Youth Correctional Ministries, and Florence Crittenton Services of Orange County.

Strategic planning projects also include Bright Media Foundation, Global Recordings Network, BeMobile (Verizon retailer with multiple locations in the upper Midwest), the Community Redevelopment Agency for the City of Los Angeles, Orangewood Children's Foundation, National Association of Bicycle Dealers, VA Desert Pacific Federal Credit Union, Arrowhead Conferences and Events, Schools Federal Credit Union, and LA Financial Credit Union.

The Philosophy of Consulting Practiced by Lillestrand Leadership Consulting

The Lillestrand Leadership Consulting team operates with three core values. We know from first-hand experience that all leaders carry a significant weight of responsibility. At the heart of any consulting relationship with Lillestrand Leadership Consulting, you will consistently detect our consuming desire to help our clients achieve their objective while making our clients' lives easier. So, our three core values/guiding principles mirror this commitment.

1. YOUR AGENDA RULES

We will address the issues you see as primary; we get on our client's agenda and we stay there. No "consultant-knows-best" types telling you how to run your life.

2. WE ROLL UP OUR SLEEVES

You already have more to do than time to do it. You have more ideas to implement than time to implement them. Whenever possible, the question, "Who should do this?" is answered, "Consider it done." At the very least, we can do the preliminary draft. In many cases, we can "turn-key" a project for you.

3. RISK REVERSAL

You do not take the risk – we do. If, at the completion of any consulting day you do not feel the services merit the fee, just tell us at the end of that day, and you will not be invoiced. Our thinking goes something like this: if the consultant listens carefully to your needs, and thoroughly knows his or her capabilities, doesn't it make sense that the consultant is in the best position to know whether there is a match, and therefore, in the best position to shoulder the risk?

For additional information, please see http://www.lillestrand.com/core_values.

Overview of Approach to Facilitation of Strategic Planning

Introduction

Helping organizations develop strategic planning is a key core competency both for Lillestrand Leadership Consulting as an organization and Richard L. (Dick) Durant as the lead consultant.

For over 30 years, the Lillestrand Leadership Consulting team of consultants has been effectively helping organizational leaders and their teams in clarifying their dreams and desires, helping them develop a clear vision for their future. Lillestrand Leadership Consulting is a powerful servant in transforming vision into reality. Our unique vision achievement process is designed with the future you desire in mind.

Our strategic planning process is very flexible. We can tailor-make the process so that it fits your needs and budget. Our exceptional "user friendly" strategic planning model has you and your team doing the talking while Lillestrand Leadership Consulting does the listening, summarizing, writing, editing, and production. This approach was birthed from our desire to relieve our clients of the laborious planning processes our founder experienced in his corporate management career.

Inspired by a comment by Peter Drucker that the old overly analytical, excessively tactical, projection-based, strategic planning models were no longer effective in our rapidly changing world, we developed a new methodology. The documents produced from this process can vary depending upon the need of the client.

Please see our website, <http://www.lillestrand.com/strategic-direction> for more information.

Background Factors for the Format to Be Utilized for Facilitating the Strategic Planning Process

The approach and methodology that would be used for facilitating the strategic planning process for the Rubidoux Community Services District flows from the "user friendly" strategic planning model noted above.

Several factors enter into the development of the format for the development of the strategic plan for the Rubidoux Community Services District.

1. The Rubidoux Community Services District, begun in 1952, is the first community services district established in California. Thus, the District has a long history of effectively serving constituencies.
2. The District has never developed a strategic plan. There are a number of changes occurring in the community, including potential new housing developments, which necessitate the development of a strategic plan.
3. The intention for the plan is to provide overall direction for the District for the next five years. In particular, the plan would be District-oriented and less dependent upon the particular leadership for the District.

4. The plan will also enable the District to communicate more effectively with the various constituencies.

Process for Facilitating the Strategic Planning Process

1. Step 1. 0.25 days. Consultant meets with General Manager and selected management team members for discussion of process; decision on elements to include in discussions; and other matters related to making sure that strategic planning meeting is optimized. (This meeting could be by in person (preferably) or by telephone ahead of time or, if need be, on same day as planning meeting prior to that meeting.)
2. Step 2. 2.75 days. Consultant facilitates strategic planning meetings to possibly include the following:
 - a. Overview of the process and elements of the strategic plan;
 - b. Discussion related to review of District's mission;
 - c. Discussion related to District's vision and values;
 - d. Discussion related to identification of constituencies and their needs; strengths and weaknesses of the organization; opportunities to pursue and threats to avoid in the "marketplace;" and problems that must be solved in the near-term;
 - e. Discussion related to areas of strategic focus, major objectives, and longer-range goals;
 - f. Discussion related to intermediate goals with timelines and responsible people, along with performance measurement and monitoring.
3. Step 3. 0.50 days. Consultant meets with General Manager and selected management team members for follow-up of meeting.
4. Step 4. 1.50 days. Consultant drafts plan document(s).
5. Step 5. 2.00 days (eight (8) hours). Consultant available as needed for edits, additional meetings, etc.

Estimated Number of Billable Days for Consultant **7.00**

Special Notes:

1. There is flexibility in the amount of time allocated for each activity and the specific topics to include in the planning sessions. This "Summary of Process" is meant to provide general picture for the flow of the process.
2. Other scenarios and options are possible, and the strategic planning process for the Rubidoux Community Services District can be tailored as necessary to fit your needs, desires, preferences, and budget. The scenario presented in the proposal can be modified as needed.

Associated Costs for Services

Project Pricing Summary

Estimated Number of Billable Days for Consultant **7.00**

Estimated amount for The Rubidoux Community Services District (for billable days and reimbursable expenses) for the process described above: **\$29,350**

1. I am committed to facilitating the process and drafting the documents as efficiently as possible. Thus, if a particular step noted above takes less than what is estimated, the actual lower amount for fees and expenses will be invoiced.
2. If modifications to the process are deemed necessary that cause a particular step to take more time, I am committed to getting your approval before proceeding.
3. If RCSD needs a proposal that with “an amount not to exceed” a certain dollar amount, I can make that part of the proposal. In that case, actual fees and expenses would be invoiced, but the total cost to the Rubidoux Community Services District would be no greater than the “amount not to exceed” noted above for fees and expenses.

Overview

The desire of Lillestrand Leadership Consulting is to facilitate the development of the Strategic Plan for the Rubidoux Community Services District in such a way that meets the objectives within the cost parameters of the District. Please note that, as we are local, travel costs will be minimal.

“Project Pricing Details” (below) is based upon the “Process for the Format to Be Utilized for Facilitating the Strategic Planning Process” section above. Billable time and expense reimbursement amounts are noted in the “Billing Rate Schedule” shown below.

Project Pricing Details

| Step No. | Step | Consulting Days | Consulting Fees | Supplies Charge | Miles | Mileage | Miscellaneous (Only as needed, used for estimate only.) | Total |
|----------|---|-----------------|---------------------|------------------|-------|------------------|---|---------------------|
| 1. | Consultant meets with General Manager to plan meetings | 0.25 | \$ 1,025.00 | \$ 5.00 | 0.0 | \$ - | \$ 12.50 | \$ 1,042.50 |
| 2. | Consultant facilitates strategic planning meetings | 2.75 | \$ 11,275.00 | \$ 55.00 | 133.6 | \$ 89.51 | \$ 137.50 | \$ 11,557.01 |
| 3. | Consultant meets with General Manager for follow-up of meeting. | 0.50 | \$ 2,050.00 | \$ 10.00 | 33.4 | \$ 22.38 | \$ 25.00 | \$ 2,107.38 |
| 4. | Consultant drafts plan document(s) | 1.50 | \$ 6,150.00 | \$ 30.00 | 0.0 | \$ - | \$ 75.00 | \$ 6,255.00 |
| 5. | Consultant available as needed for edits, additional meetings, etc. | 2.00 | \$ 8,200.00 | \$ 40.00 | 66.8 | \$ 44.76 | \$ 100.00 | \$ 8,384.76 |
| | Total | 7.00 | \$ 28,700.00 | \$ 140.00 | | \$ 156.65 | \$ 350.00 | \$ 29,346.65 |

Billing Rate Schedule

The billing rate schedule below provides the rates used for calculations for the "Project Pricing Details" shown above. Billing rate for Lillestrand Leadership Consulting consultants including Richard L. Durant serving as lead consultant for the project is as follows:

| Item | Rate | Per | Notes |
|-----------------------------------|-------------|------------|--|
| Consulting Fee (per day) | \$4,100.00 | Day | Billing is typically done in quarter-day increments. |
| Supplies and phone charge | \$20.00 | Day | In lieu of reimbursements for telephone, fax, copies, and supplies. |
| Mileage | \$0.670 | Mile | For round trips for consultant to the Rubidoux Community Services District offices and sites as needed. Standard IRS rate effective as of January 1, 2024. |
| Other expenses – travel and other | | As needed | Exact costs as needed. |

Lillestrand Leadership Consulting will provide a statement twice per month to the Rubidoux Community Services District. The statement shall be itemized to show the services provided by date, increments of days, and description of services. Expenses shall be itemized showing the date, the nature of the expense, and the amount. Copies of receipts for expenses shall be attached.

Conclusion

Again, it would be a privilege to serve the Rubidoux Community Services District in facilitating a strategic planning process and drafting related documents.

5. **CONSENT CALENDAR** (continued)

- D. **DM 2024-65**: Consider Adoption of Resolution No. 2024-917, A Resolution Authorizing the General Manager, or Designee, to Apply for, Receive, and Enter into a Cooperative Agreement, and Administer a Grant for the FY 2025 Bureau of Reclamation Water and Energy Efficiency Grant

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge



General Manager

Brian R. Laddusaw

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

DIRECTORS MEMORANDUM 2024-65

August 15, 2024

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Adoption of Resolution No. 2024-917, A Resolution Authorizing the General Manager, or Designee, to Apply for, Receive, and Enter into a Cooperative Agreement, and Administer a Grant for the FY 2025 Bureau of Reclamation Water and Energy Efficiency Grant

BACKGROUND:

In Fiscal Year ("FY") 2023, the Rubidoux Community Services District ("District") was awarded a grant from the U.S. Bureau of Reclamation ("USBR") under their WaterSMART "Water and Energy Efficiency Grant" Program ("Grant Program"). With the assistance of Albert A. Webb Associates ("Webb"), the District secured \$1.5 million in grant funding to help the District replace approximately 5,000 existing meters to Advanced Metering Infrastructure ("AMI") technology. These grant monies are earmarked for Phase I of the District's overall AMI Meter Replacement Project ("Project") which looks to replace 100% of the District's meters to AMI. Phase I, which is currently in progress and expected to go to bid shortly, is expected to change-out approximately 75% of the District's meters and is expected to be completed by December 2026. This leaves about ±1,800 meters to be changed-out under Phase 2 of the Project.

On December 21, 2023, pursuant to Directors Memorandum ("DM") 2023-109, the District authorized a proposal from Webb to prepare a Phase 2 grant application under the same USBR Grant Program (Attachment 1). The original deadline for submitting this grant application was February 22, 2024. After consultation with District staff and Webb, it was determined expediting the grant application under the February 22, 2024, deadline was not in the best interest of the District to ensure the most accurate, complete, and comprehensive application was submitted to secure much needed funding. Thus, the District decided to submit the grant application in the FY 2025 funding cycle, which has a deadline of November 13, 2024.

The grant application is now substantially complete (Attachment 2). As part of the grant application, the District's Board of Directors ("Board") must consider and adopt a Resolution authorizing the General Manager,

or designee, as representative with the USBR to facilitate all grant documents related to the WaterSMART “Water and Energy Efficiency Grant” Program.

Included as Attachment 3 to this DM is Resolution No. 2024-917, ‘A Resolution Authorizing the General Manager, or Designee, to Apply for, Receive, and Enter into a Cooperative Agreement, and Administer a Grant for the FY 2025 Bureau of Reclamation Water and Energy Efficiency Grant.’ Similar Resolutions were considered and adopted by the Board during Phase 1 of the grant application process. Resolutions No. 2022-893 and 2022-894 are attached for reference (Attachment 4 and 5).

Budget Considerations

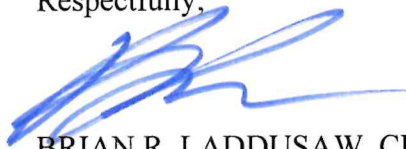
The only budgetary considerations related to this DM is staff time spent on administrative tasks associated with reviewing and facilitating the grant application with Webb. Based on the current grant timeline, the USBR will announce selections in May 2025 and award funding in October 2025. If the District is successful in its grant application, the announcement month of May 2025 should allow for staff to incorporate Phase 2 projects costs into the District’s FY 2025|2026 Budget.

RECOMMENDATION:

Staff recommends the Board of Directors consider the following:

1. Adopt Resolution No. 2024-917, ‘A Resolution Authorizing the General Manager, or Designee, to Apply for, Receive, and Enter into a Cooperative Agreement, and Administer a Grant for the FY 2025 Bureau of Reclamation Water and Energy Efficiency Grant.’

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attachment(s):

1. DM 2023-109
2. Rubidoux Community Services District AMI Implementation Phase 2 Grant Application (Draft)
3. Resolution No. 2024-917
4. Resolution No. 2022-893
5. Resolution No. 2022-894

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge



General Manager

Brian R. Laddusaw

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

DIRECTORS MEMORANDUM 2023-109

December 21, 2023

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Proposal from Albert A. Webb Associates for Preparation of a U.S. Bureau of Reclamation WaterSMART Grant Program Application for the AMI Meter Installation Project Phase II

BACKGROUND:

In March 2022, the Rubidoux Community Services District ("District") Board of Directors ("Board") first entered into a professional services agreement with Albert A. Webb Associates ("Webb") to assist District staff in writing grant applications. Grant writing is a unique skillset and with the District only having 26 full-time equivalent employees, District staff does not possess the time nor expertise to write successful grant applications at the same level as Webb. Some of the advantages with leveraging the use of a professional grant writer include but are not limited to:

1. **Expertise and Experience:** Professional grant writers have specialized training and experience in researching, writing, and submitting grant proposals. They understand the nuances of grant applications, including specific requirements and formatting guidelines. This expertise can increase the chances of success in securing grant funding.
2. **Time Efficiency:** Preparing a grant proposal can be a time-consuming process. Professional grant writers can streamline the process, allowing the District's staff to focus on their core responsibilities, which is particularly important for a small District like Rubidoux.
3. **Access to Funding Opportunities:** Professional grant writers often have access to databases and resources that provide information about various grant opportunities. They can help identify grants that are a good fit for the District's mission and programs, increasing the likelihood of securing funding.
4. **Competitive Advantage:** Many grant opportunities are highly competitive, with numerous organizations vying for limited funds. Professional grant writers can help organizations craft compelling proposals that stand out from the competition.

The District has previously utilized Webb for grant application support services. In FY 2023, the District was awarded a grant from the U.S. Bureau of Reclamation ("USBR") under their WaterSMART "Water and Energy

Efficiency Grant” Program (“Grant Program”). With the assistance of Webb, the District secured \$1.5 million in grant funding to help the District replace approximately 5,000 existing meters to Advanced Metering Infrastructure (“AMI”) technology. These grant monies are earmarked for Phase I of the District’s overall AMI Meter Replacement Project (“Project”) which looks to replace 100% of the District’s meters to AMI. Phase I is expected to change out approximately 75% of the District’s meters and is expected to be completed by December 2026.

Since 2020, the District has been successful on numerous grant application efforts, most of which have utilized the services of grant writing professionals. A summary of those awards is highlighted below:

| Grant Program | Maximum District Award |
|--|------------------------|
| CalOES FY 2020-21 Community Power Resiliency Program | \$ 300,000.00 |
| SB 1383 Local Assistance Grant Program | \$ 53,174.00 |
| SWRCB Water Arrearages Program | \$ 86,281.13 |
| SWRCB Wastewater Arrearages Program | \$ 40,406.76 |
| 2023 U.S.B.R. WaterSmart Grant - AMI Meters | \$ 1,500,000.00 |
| 2023 U.S.B.R. WaterSmart Grant - Well 25 and Treatment | \$ 1,457,500.00 |
| CalOES Hazard Mitigation Grant Program | \$ 168,525.50 |
| Total | \$ 3,605,887.39 |

The District now desires to submit a grant application under the same Grant Program to secure additional monies for Phase II of the District’s Project. Phase II includes changing out the remaining ±1,800 customer meters. The USBR posted the Notice of Funding Opportunity (“NOFO”) for the FY 2024 Grant Program on November 14, 2023. The USBR is accepting applications through February 22, 2024. Due to previous success working with Webb on Phase I, District staff requested a proposal from Webb to assist with Phase II. Staff received the attached proposal from Webb on December 11, 2023 (Attachment 1). After discussions with Webb, due to the upcoming holidays, they requested the ability to start work on the application immediately to allow their staff ample time to prepare and submit the grant application by the February 22, 2024, deadline. Although Webb can leverage a lot of the original grant application from FY 2023, there are certain application changes that Webb will need to address on the new submittal. If the District is not able to make the February 22, 2024, deadline, the next opportunity to submit a grant application under the same Grant Program won’t be until October 30, 2024. Due to the expedited timeline of this application, staff authorized work on this application already via Task Order (Attachment 2). With this Director’s Memorandum, staff is seeking ratification from the Board for this work.

Annually, the District budgets for “on-call” grant support services which is mostly utilized for grant research and feasibility discussions between staff and its grant consultants. Thus, the amount shown for ‘Grant Support Services’, Line 39 on the FY 2023|2024 Water Fund Budget, is not sufficient to cover this work and was already amended earlier this year, from \$15,000 to \$40,000, with DM 2023-90. The budget amendment approved by the Board under DM 2023-90 allowed staff to hire a grant writing consultant to assist staff on a grant application for monies to help offset costs related to the District’s potable water reservoir Corrective Action Plan (“CAP”) project. To pay for this current effort, staff recommends the Board further amend the FY 2023|2024 Water Fund

Budget, adjusting Line 39 'Grant Support Services' by \$15,000 from \$40,000 to \$55,000 with the additional funds being allocated from the District's unrestricted Water Fund Operating Reserves, which as of December 14, 2023, has a balance of \$6.758 million.

RECOMMENDATION:

Staff recommends the Board of Directors consider the following:

1. Amend the FY 2023|2024 Water Fund Budget by adjusting Line 39 'Grant Support Service' from \$40,000 to \$15,000 with funding from the District's unrestricted Water Fund Operating Reserves.
2. Ratify a Task Order with Albert A. Webb and Associates in the amount of \$11,000 to prepare a grant application under the WaterSmart Planning AMI Meter Installation Project Phase II.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attach:

1. Albert A. Webb Associates – Project Proposal
2. Task Order – Albert A. Webb

December 11, 2023

Brian Laddusaw, CPA
General Manager
RUBIDOUX COMMUNITY SERVICES DISTRICT
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509

RE: Proposal for Grant Application Services

Dear Brian:

Albert A. WEBB Associates ("WEBB") is pleased to provide you with this proposal for grant application support services related to the Rubidoux Community Services District's ("District's") customer meter changeout project ("Project"). WEBB understands that the District was awarded a grant from the U.S. Bureau of Reclamation (USBR) WaterSMART "Water and Energy Efficiency Grants" Program (for FY 2022) in the amount of \$1.5 million to undertake Phase 1 of the Project and changeout 4,982 customer meters to a newer technology (AMI). The District desires to apply to the same grant program to undertake Phase 2 of the Project for the remaining ±1,800 customer meters.

USBR posted the Notice of Funding Opportunity (NOFO) for the Water and Energy Efficiency Grant Program for FY 2024 on November 14, 2023. USBR will be accepting applications through February 22, 2024; however, if the District will start Phase 2 of the Project after October 31, 2025, then the application is due October 30, 2024. Because WEBB prepared the successful grant application for Phase 1 of the Project, our approach to this proposal is to reuse as much of that effort as possible. After comparing the FY2022 and FY2024 NOFO's, we found some changes but nothing requiring significantly more effort. Therefore, the scope of work is as follows:

Task 1: Data Gathering and Analysis

Webb will collect and evaluate meter data from RCSD and compile and format Disadvantaged Community documentation for the grant application. Webb will also collect case studies and use the calculation methodology from the prior application for water saving and project budget.

Task 2: Vendor Quotes for Equipment and Installation

Webb will work with the District to solicit up to two (2) cost estimates from qualified AMI vendors as recommended by the District to develop an estimate of all necessary equipment and construction costs and an optional customer portal.

Task 3: Letters of Support and Resolution

Webb will obtain two (2) letters of support to include with the application; one from the City of Jurupa Valley and a second from the State Assemblyperson.

After approval by the District of the draft application, Webb will obtain a resolution from the District Board of Directors that approves the application and commits to funding if the grant is received; therefore, a final draft of the application and a draft resolution will need to be on the February 15, 2024 Board of Director's agenda to meet the February 22, 2024 deadline to USBR.

Task 4: Grant Application Draft and Final

Webb will complete the grant application and assemble the necessary attachments. This includes all figures, water use and savings tables, and budget descriptions and tables as required by the USBR's application. Webb will provide to the District an electronic draft for one (1) round of review. All comments on the draft should be provided back to Webb in one electronic document. Webb will provide to the District one (1) final draft that we expect will be used to provide to the Board of Directors and may have minor corrections.

Upon approval by the District, Webb will submit the application and attachments to USBR on behalf of the District on or before February 22, 2024. WEBB will act as the point of contact with the USBR as needed during the application review process.

Task 5: Project Management and Meetings

Webb has budgeted for up to 2 hours of meeting time with the District.

Deliverables

USBR WaterSmart grant application, two (2) letters of support, one (1) District resolution, and electronic submission to USBR.

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.

Project Team

The Webb team members are as follows:

Project Manager – Autumn DeWoody, Senior Environmental Analyst

Lead Analyst – Lee Reeder, Senior Environmental Analyst

Technical Review – Brad Sackett, P.E., Senior Engineer

Project Schedule

The table below outlines the schedule for each of the project tasks to complete the application and submission by February 22, 2024.

Assumed Notice to Proceed: December 21, 2023

| | | |
|---|---------|--|
| 1. Kickoff, data gathering: | 3 weeks | Dec. 22, 2023 – Jan. 11, 2024 |
| 2. Vendor quotes: | 2 weeks | Dec. 28, 2023 – Jan. 11, 2024 |
| 3. Letters of Support: | 3 weeks | Jan. 3, 2024 – Jan. 24, 2024 |
| 4. Grant Application: | 6 weeks | Draft due: Jan. 17, 2024 Final Draft due: Jan. 30, 2024 |
| 5. RCSD Board Meeting for District Resolution | | Feb. 15, 2024 |
| 6. Submittal to USBR | | Before Feb. 22, 2024. |

Project Fee

Based upon the scope of work, a summary of our services budget is as follows:

| <u>TASKS</u> | <u>SERVICES BUDGET</u> |
|---|-------------------------|
| I. Data gathering and analysis (8 hours)..... | \$ 1,700 |
| II. Vendor quote for equipment and installation (3 hours) | \$ 600 |
| III. Letters of Support and Resolution (5 hours) | \$ 1,100 |
| IV. Grant application (draft/final) (34 hours)..... | \$ 6,400 |
| V. Project Management and Meetings (5 hours) | <u>\$ 1,200</u> |
| Total Fee For Services = | <u>\$ 11,000</u> |

Our fee is time and materials not to exceed. Webb will billed the District monthly. Unforeseen additional work activities may arise as the project progresses. As such, the District may wish to allocate an additional 10-15 percent of the total services budget for allocation purposes only.

The total amount requested for these services is **\$11,000**, not to be exceeded without prior authorization.

If you find this proposal acceptable, please notify our office so a contract agreement can be prepared. We appreciate this opportunity to be of service to the District and look forward to hearing from you. If you have any questions regarding this proposal, please contact us at 951-686-1070.

Sincerely,

ALBERT A. WEBB ASSOCIATES



Autumn DeWoody
Senior Environmental Analyst



Bruce Davis, P.E.
Senior Vice President

Copy: Lee Reeder, WEBB
Brad Sackett, WEBB

Fee Schedule

CLASSIFICATION

| <u>Engineers/Project Managers/Planners/Scientists/ Assessment/Special Tax Consultants/Landscape Architects/Designers</u> | <u>Rates \$/Hour</u> |
|--|--------------------------|
| Principal II..... | 302.00 |
| Principal I | 287.00 |
| Senior III | 272.00 |
| Senior II | 259.00 |
| Senior I | 250.00 |
| Associate III | 233.00 |
| Associate II | 220.00 |
| Associate I | 210.00 |
| Assistant V | 189.00 |
| Assistant IV | 170.00 |
| Assistant III | 157.00 |
| Assistant II | 142.00 |
| Assistant I | 125.00 |

Survey Services

| | |
|-----------------------------|--------|
| 2-Person Survey Party | 314.00 |
| 1-Person Survey Party | 221.00 |

Inspection Services

| | |
|--|--------|
| Construction Manager II | 274.00 |
| Construction Manager I | 192.00 |
| Inspector (Non-Prevailing Wage) | 141.00 |
| Inspector Overtime (Non-Prevailing Wage) | 190.00 |
| Inspector (Prevailing Wage) | 152.00 |
| Inspector Overtime (Prevailing Wage) | 200.00 |

Administrative Services

| | |
|------------------------------------|--------|
| Project Coordinator | 135.00 |
| Administrative Assistant III | 115.00 |
| Administrative Assistant II | 102.00 |
| Administrative Assistant I | 81.00 |

Other Direct Expenses

| | |
|---|----------------------|
| Incidental Charges | Cost + 15% |
| Postage | Cost |
| Subcontracted Services | Cost + 15% |
| Special Consultant..... | 385.00 |
| Survey/Inspection Per Diem..... | Prevailing Wage Rate |
| In-House Delivery Up to 1/2 hour..... | 34.00 |
| In-House Delivery 1/2 Hour up to 1 Hour..... | 67.00 |
| In-House Delivery Over 1 Hour up to 2 Hours | 124.00 |
| In-House Delivery Over 2 Hours | 178.00 |
| Survey/Inspection Vehicle | 0.81/Mile |
| Mileage | 0.72/Mile |

Note: All rates are subject to change based on annual inflation and cost of living adjustments. Prevailing wages are dictated by the California Department of Industrial Relations (DIR). As such, the indicated rate will remain in effect until revised rates are published by the DIR. The rate shown shall be subject to renegotiation to remain in compliance with State requirements if prevailing wages are increased by the DIR.

* A FINANCE CHARGE of 1 ½ % per month (18% per year) will be added to any unpaid amount commencing thirty (30) days from invoice date. A mechanic's lien may be filed for any invoice remaining unpaid after thirty (30) days from invoice date.

ADMIN DRAFT

Rubidoux Community Services District Advanced Metering Infrastructure Implementation Project Phase 2

WaterSMART: Water and Energy Efficiency Grants for FY 2025
R24AS00052
August 2, 2024

Applicant Information: Rubidoux Community Services District
Attn: Brian Laddusaw, General Manager
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509
Phone: 951-684-7580

Project Manager: Miguel Valdez
Director of Operations
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509
Email: mvaldez@rcsd.org
Phone: 951-684-7580



ADMIN DRAFT

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Section 1 **Technical Proposal**

1.1 Executive Summary

July 19, 2024

Rubidoux Community Services District

City of Jurupa Valley

Riverside County, California

Category A

Funding Group: II

Grant Funding Requested: \$769,044

Local Matching Funds: \$769,044

Project Duration: 36 months

Estimated Project Completion Date: June 30, 2028

The Rubidoux Community Services District (“District”), located in the City of Jurupa Valley, is seeking to increase water use efficiency within its water service area by completing the final phase (Phase 2) of its Advanced Metering Infrastructure (AMI) project, which has been converting existing standard-read meters to AMI meters within the District’s entire water service area. In Phase 1 of the AMI project, 4,982 meters are being replaced, which is expected to result in water savings of 464 acre feet per year (AFY). Before Phase 1 began, the District had been using analog meters that are read on a 30-day cycle, resulting in leaks, water waste, and breaks going undetected for 30 days or more. At that time, 36% of District customer meters were older than their useful life expectancy, which often results in meters that read inaccurately. AMI meters will help the District and its customers identify and address leaks, breaks, and other issues in a timely manner by providing near real-time water usage data.

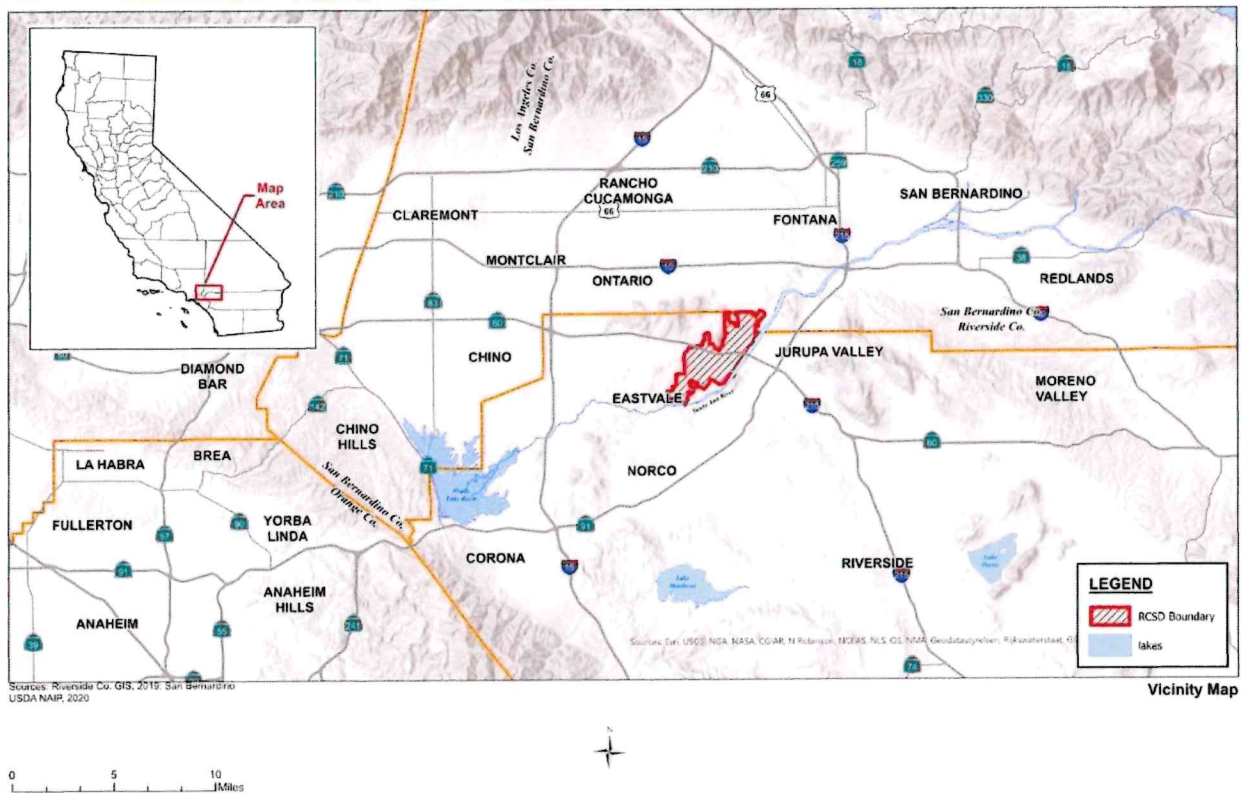
In this application, the District is applying for \$769,044 in funding from the U.S. Bureau of Reclamation for three water- and energy- saving purposes: 1) to convert the remaining 1,784 water meters to AMI, for a total of 6,766 meters; 2) complete and launch an online customer portal system; and 3) conduct a conservation outreach campaign

The Phase 2 project is estimated to result in water savings of 396 AFY. The entire AMI project is in direct support of the WaterSMART goals of increasing water conservation, efficiency, and reliability.

1.2 Project Location

The project is located within the 4,907-acre Rubidoux Community Services District, which lies within the City of Jurupa Valley in northwest Riverside County, California. The District is bounded on the north by San Bernardino County, on the southwest by the Jurupa Mountains and Pedley Hills, on the south by the Santa Ana River, and on the east by the City of Riverside. The District is located approximately 52 miles east of the City of Los Angeles. The coordinates for the District are 33.9995° N, -117.4052° W. The location of the District's service area is shown in Figure 1 - Vicinity Map. The District serves a population of nearly 40,000 that includes low-income, disadvantaged communities.

Figure 1 - Vicinity Map



1.3 Technical Project Description

Phase 1 of the AMI project, which is now underway, is replacing 4,982 customer meters that have sizes ranging from 5/8-inch to 6 inches (existing 5/8-inch meters are being replaced with 3/4-inch meters because 5/8-inch meters are no longer manufactured). For this Phase 2 project, the District will replace a total of 1,784 outdated manual-read 3/4-inch and 5/8-inch customer water meters with new AMI meters, which replaces all of the currently remaining manual-read meters in the District. The AMI meters have automatic relay readings utilizing a system of radio antennas and a “fixed network.” The new meters will

automatically relay data on water usage to the District’s NorthStar billing system. During planned or unexpected fixed network system malfunctions, to maintain business continuity, the meters can also be read by driving by the meters using special radio equipment.

The entire project involves the replacement of all customer meters. The meters to be replaced are designated for residential, irrigation, commercial, and institutional usage. Table 1 breaks down the number of meters by size that are to be replaced with AMI meters in both the previous Phase 1 and the future Phase 2 proposed in this application.

Table 1: Number of New Phase 2 Meters by Size

| Meter Size (inch) | Quantity | Phase 1 | Phase 2 |
|-------------------|--------------|--------------|--------------|
| 5/8" | 504 | | |
| 3/4" | 5,862 | 4,582* | 1,784 |
| 1" | 147 | 147 | - |
| 1.5" | 84 | 84 | - |
| 2" | 147 | 147 | - |
| 3" | 5 | 5 | - |
| 4" | 8 | 8 | - |
| 6" | 7 | 7 | - |
| 8" | 2 | 2 | - |
| Total | 6,766 | 4,982 | 1,784 |

*Includes 504 meters that replace the former 5/8" meters.

In Phase 1 of the project a fixed network signal transmission system was installed, along with analytical software and an online customer portal. In Phase 2, the online customer portal will be completed and launched.

In the new AMI system, the Neptune 360™ (N360) software platform communicates with the Neptune Mach 10® R900i meters to relay data to the District in near real time. N360 cloud hosted software application manages network communications, data storage and processing. Through a cellular or ethernet backhaul the Neptune Gateway communicates with N360 application in transferring all meter readings, interval data and alarms.

The Neptune 360 System (installed in Phase 1) completes the data analytics functionality of the system, including the ability to aggregate historical and current data. The N360 System draws information from the Neptune Gateways (also installed in Phase 1) and the District’s billing system to perform complex data analysis and generate reports.

The majority of the work on the web-based Customer Portal System began in Phase 1, and will be completed and launched in Phase 2. A custom-branded interactive application for the District, the portal provides customers with their most current data, updated every four hours, including hourly water consumption by the gallon. Customers will be able to create alerts for managing their daily usage, billing cycle usage and even for going on vacation. This functionality will allow customers to quickly identify leaks, and receive real-time alerts when leaks and other potential issues arise.

The District's water conservation outreach and education campaign began with Phase 1 and will continue to run concurrently with the meter installation work throughout Phase 2. The efforts will include updating and enhancing the District's website with conservation information, designing various outreach materials promoting the customer portal and providing information about the AMI meters. These may include bill inserts, social media content, newspaper ads, banners, website updates and workshops. The outreach campaign is intended to increase customer participation in the online portal and conservation programs.

1.4 Evaluation Criteria

1.4.1 Evaluation Criterion A - Quantifiable Water Savings

1.4.1.1 Describe the amount of estimated water savings

This Phase 2 project is estimated to save 396 AFY for a total of 5,940 AF over the 15-year lifetime of the meters. Tables 2 and 3 provide the assumptions for calculating the potential water savings from the proposed Phase 2 project.

Table 2: Assumptions for Calculating Water Savings from the Project

| Assumptions for Calculating Water Savings | |
|--|---|
| Total number of AMI meters to be installed in Phase 2 | 1,784 |
| Actual water supplied in CY 2023 ^(a) | 4,564 AF |
| Actual customer water usage in CY 2023 ^(a) | 4,184 AF |
| Average leak rate per household ^(b) | 30.7 gpd per household or 0.0344 AFY |
| Percent water savings from expeditious repair of leaks, breaks ^(c) | 4.24% |
| Percent water savings from implementation of customer portal ^(d) | 5% |
| Percent water savings from enhanced customer service outreach and education ^(d) | 3% |

Notes: AF = acre-feet; CY = calendar year

(a) Source: [Internal production and billing data](#).

(b) Source: Water Research Foundation (2016), *California Single-Family Water Use Efficiency Study*.

(c) Source: Aquacraft, Inc. 2011.

(d) Source: M.Cubed, 2013.

Table 3: Water Savings Calculation

| | Annual Water Savings (AFY) |
|--|----------------------------|
| Estimated water savings from prompt repair of leaks and breaks ^(a) | 61 |
| Estimated water savings from implementation of customer portal ^(b) | 209 |
| Estimated water savings from enhanced customer service outreach and education ^(b) | 126 |
| Total | 396 |
| Total water saving over 15 years: 5,940 AF | |

(a) Source: Aquacraft, Inc. 2011.

(b) Source: M.Cubed, 2013.

1.4.1.2 Describe current losses

SB 555 (Wolk) was signed into law in 2015 as a result of ongoing drought conditions, requiring urban retail water suppliers to submit water loss audits to the state by October 1

or January 1 of each year. At the beginning of the Phase 1 AMI replacement project the District completed the California Water Loss Audit for 2020 data to identify water loss within the District. The audit showed the District had a total water loss of 659 AFY, which is equivalent to 12.7% of water supplied, and included an estimated 11.1% in real losses and 1.4% in apparent losses of total water production. That audit identified a total of 557 leaks throughout the distribution system, service lines and at customer meters.

1.4.1.3 Describe the support/documentation of estimated water savings.

According to the Water Research Foundation's "California Single Family Water Use Efficiency Study," the average leak rate per household is 0.0344 AFY.¹ Based on this study, the District conservatively estimates that as a result of this Phase 2 project it will save 61 AFY (0.0344 AFY x 1,784 meters). See Tables 2 and 3 above for assumptions and calculation of water savings.

Installation of the AMI meters, in addition to the customer portal, is estimated to produce water savings of 5% of customer usage (Table 2), based on East Bay Municipal Utility District's 2013 study "Evaluation of East Bay Municipal Utility District's Pilot of WaterSmart Home Water Reports," which evaluates the WaterSmart customer portal's water-saving potential.² The District estimates 209 AFY total water savings from the installation of the customer portal based on these documented assumptions.

With implementation of a customer outreach, education, and potential incentive program, the District will save an additional 3% in water use. Many districts will estimate a 5% reduction from increased conservation,¹ but due to limited staffing resources compared to larger districts the District estimates a more conservative savings of 3%. The customer outreach program will enhance direct-to-customer communication and other outreach, as well as offering potential rebate incentives. The District anticipates conserving 126 AFY from additional conservation outreach and incentives, based on 4,184 AF of customer water usage (Table 3).

The District will verify actual water savings from the project by comparing historical data for water usage prior to implementation of the entire AMI meter project, including comparing total 1-year pre-installation water usage and then 1-year post installation water usage. Additionally, customer water usage will be tracked continuously throughout the period of the project.

¹ Source: Aquacraft, 2011.

² Source: M.Cubed, 2013.

1.4.1.4 Municipal meter water savings

- a. How has the estimated average annual water savings that will result from the project been determined? Please provide all relevant calculations, assumptions, and supporting data.

The District uses three components of water savings: reducing leak frequency, reducing response time for when leaks occur, and continually improving the accuracy of metering and recordkeeping systems. These are combined with proven customer communication tools, including an interactive portal and enhanced water conservation efforts.

Water savings through prompt repair of leaks and breaks was calculated in Table 3 based on 4.24% of production. The savings was calculated as follows:

$$\begin{aligned} \text{Total Number of Meters} \times 0.0344 \text{ AFY per household} &= \text{Water Savings from Leaks} \\ 1,784 \text{ (Meters)} \times 0.0344 \text{ AFY} &= 61 \text{ AF} \end{aligned}$$

Water savings through implementing Phase 2 of the AMI system along with an interactive customer portal is estimated to save 5% of customer usage (Table 3). The water savings as a result of the customer portal was calculated as follows:

$$\begin{aligned} \text{Total Annual Water Sales (AFY)} \times 5\% &= \text{Water Savings from Customer Portal} \\ 4,184 \text{ (AFY)} \times 5\% &= 209 \text{ AFY} \end{aligned}$$

Water savings through an enhanced conservation program is estimated to save approximately 3% of total customer usage (Table 3). The savings from the enhanced conservation program for Phase 2 was calculated as follows:

$$\begin{aligned} \text{Total Annual Water Sales (AFY)} \times 3\% &= \text{Enhanced Conservation Water Savings} \\ 4,184 \text{ (AFY)} \times 3\% &= 126 \text{ AFY} \end{aligned}$$

- b. How have current system losses and/or the potential for reductions in water use by individual users been determined?

At the beginning of the entire AMI project the distribution system losses were determined from the District's validated CY 2020 Water Loss Audit that was submitted by October 1, 2021, to the California Department of Water Resources (DWR). This was conducted to create a baseline from which to gauge actual water savings for the entire project in both Phase 1 and Phase 2. According to the CY 2020 audit, the District estimated 12.5% in water

losses, of which 11.4% were real losses and 1.1% were from apparent losses. Because of the use of outdated meters, leaking service lines, and unreported leaks, approximately 5% of the loss was occurring at the customer meters in the form of underreporting. Before the Phase 1 project began, approximately 36% of the existing meters were operating beyond their life expectancy, which is assumed to be major source of water loss. In addition, the 30-day billing cycle did not allow the District and customers to stop water loss in a timely manner. Completing Phase 2 to upgrade the outdated system will provide accurate water usage data and help identify leaks sooner for quicker repair, thus reducing such water losses.

- c. For installing end-user water service meters, e.g. for residential or commercial building units, refer to studies in the region or in the applicant's service area that are relevant to water use patterns and the potential for reducing such use. In the absence of such studies, please explain in detail how expected water use reductions have been estimated and basis for the estimations.

To determine the estimated water savings from the proposed project, the District drew upon several studies.

The "California Single-Family Water Use Efficiency Study" from the Water Research Foundation (2016), documented an average leak rate of 30.7 gallons per household per day or 0.0344 AFY. Before the AMI Project began, the District tracked a total of 557 detected leaks at customer meters or on their service lines in 2020. Using the averages found in the 2016 Water Research Foundation study, the District estimates that this Phase 2 project will save 61 AFY through prompt repair of leaks and breaks given 0.344 AFY saved x 1,784 connections. (Tables 2 and 3).

In the aforementioned East Bay Municipal Water District study (M. Cubed, 2013), an interactive customer portal similar to the one to be implemented by the District demonstrated an estimated water savings of 5%. Based on a 5% reduction in water demand, the District's customer portal is estimated to save 209 AFY (Tables 2 and 3).³

- d. What type (manufacturer and model) of devices will be installed and what quantity of each?

The District will install a total of 1,784 Neptune Mach 10 R900i 3/4-inch AMI meters as part of the Phase 2 project (Table 1). In addition, Phase 2 implementation of the Neptune My360 customer portal system and upgrades to the NorthStar™ customer service software system

³ Source: M.Cubed, 2013.

will take place, which will allow customers to view their water usage and manage alert thresholds.

e. How will actual water savings be verified upon completion of the project?

The District will verify actual water savings from the project by comparing historical water use data from prior to implementation of the entire AMI meter project. This will include comparing 1-year pre-installation water usage with 1-year of post installation water usage. Customer water usage tracking will occur throughout the period of the project and the life of the meters. Customer participation in both the customer portal and conservation programs will also be tracked to identify water savings from these project components.

1.4.2 Evaluation Criterion B - Renewable Energy

1.4.2.1 Sub-criterion No. B.2: Increasing Energy Efficiency in Water Management

a. How will the energy efficiency improvement combat/offset the impacts of climate change, including an expected reduction in greenhouse gas emissions? If the project will result in reduced pumping, please describe the current pumping requirements and the types of pumps (e.g., size) currently being used. How would the proposed project impact the current pumping requirements and energy usage?

Pumping will be reduced by the project as a result of reduced demand. As old meters are replaced with more accurate AMI meters and customers are made aware of the cost of their actual water use, overall water usage will decrease. Further, the AMI technology will result in faster repair of leaks and breaks, which will also reduce the overall water demand. The resultant reduction in water supply pumping and treatment will create energy savings. In its most recent Urban Water Management Plan (UWMP), the District calculated that it takes 598.7 total kilowatt-hours (kWh) to pump one acre-foot of water based on metered electric usage data obtained from Southern California Edison (Figure 2). Considering that it takes 598.7 kWh/acre foot and the project will save 396 AFY, the Phase 2 project is estimated to save 237,085 kWh per year.⁴

To convert reductions of kilowatt-hours into avoided units of carbon dioxide (CO₂) emissions, the U.S. Environmental Protection Agency (EPA) Greenhouse Gas Equivalencies Calculator uses the Emissions and Generation Resource Integrated Database (eGRID) U.S. annual non-baseload CO₂ output emission rate. The calculation excludes any other greenhouse

⁴ Source: RCSD UWMP (2021), p. 6-22.

gases. The EPA's formula for the emissions factor is: 7.03×10^{-4} metric tons CO₂/kWh.⁵ Therefore, the District's estimated CO₂ emission reduction from reduced water pumping and treatment is 166.7 metric tons of CO₂. Table 4 shows the calculation for energy and CO₂ emissions from reduced pumping and treatment.

Table 4: Energy and CO₂ Reductions from Treatment and Pumping Reductions

| | |
|--|----------|
| Total Project Water Savings (AFY) | 396 |
| District Energy Intensity (kWh per AF) | 598.7 |
| Total Project Energy Savings (kWh per year) | 237,085 |
| Emissions Factor (metric tons CO ₂ per kWh) | 0.000703 |
| Total Project Emissions Reduction (metric tons CO ₂) | 166.7 |

⁵ Source: GHG, 2021. <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator-revision-history>

Figure 2 - UWMP Energy Demand kWh/AF

| Table O-18: Recommended Energy Reporting - Total Utility Approach | | | | |
|---|------------|--|------------------------------|-------------|
| Enter Start Date for Reporting Period | 1/1/2020 | Urban Water Supplier Operational Control | | |
| End Date | 12/30/2020 | Sum of All Water Management Processes | Non-Consequential Hydropower | |
| <input type="checkbox"/> Is upstream embedded in the values reported? | | | | |
| Water Volume Units Used | AF | Total Utility | Hydropower | Net Utility |
| Volume of Water Entering Process (volume unit) | | 5,187 | 0 | 5,187 |
| Energy Consumed (kWh) | | 3,105,473 | 0 | 3,105,473 |
| Energy Intensity (kWh/volume) | | 598.7 | 0.0 | 598.7 |
| Quantity of Self-Generated Renewable Energy | | | | |
| 1,570 kWh | | | | |
| Data Quality (Estimate, Metered Data, Combination of Estimates and Metered Data) | | | | |
| Combination of Estimates and Metered Data | | | | |
| Data Quality Narrative: | | | | |
| CY2020 metered electricity use obtained from Southern California Edison in spring 2021. Renewable energy is estimated from solar panel specifications and average peak sun of 5.38 hours/day. | | | | |
| Narrative: | | | | |
| Edison meter data includes active potable wells, non-potable wells, water treatment facilities, and booster stations. District also has 1 natural gas generator and 3 potable wells have diesel generators. All 4 active reservoirs are solar powered with a total of 5 solar panels; each with battery backup and then Edison service when voltage drops too low before sun rises. | | | | |

b. Will the project result in reduced vehicle miles driven, in turn reducing greenhouse gas emissions? Provide supporting details and calculations.

According to the EPA, the average passenger vehicle emits about 411 grams of CO₂ per mile.⁶ This number can vary based on two factors: the fuel economy of the vehicle and the

⁶ National Service Center for Environmental Publications (NSCEP), <https://nepis.epa.gov/Exe/ZyNET.exe/P100JPPH.txt?ZyActionD=ZyDocument&Client=EPA&Index=2011%20Thru%202015&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&Q>

amount of carbon in the vehicle's fuel. Most vehicles on the road in the United States today are gasoline vehicles, and they average about 21.6 miles per gallon.⁷

Meter reading in the District requires driving a District vehicle approximately 4,400 miles per year. Such driving and its resulting emissions will be eliminated as a result of the entire AMI project. Therefore, a conservative estimate of 1,808,400 grams or 3,987 pounds of CO₂ emissions is estimated to be eliminated from the air as a result of the entire project. This Phase 2 part of the project will replace 1,784 meters, or 26% of the entire project, so the District estimates that this Phase 2 project will eliminate 470,184 grams or 1,037 pounds of CO₂ emissions. Table 5 summarizes the calculation of CO₂ emission reductions as a result of the entire project and then the share of reductions credited to the Phase 2 project in this application.

Table 5: CO₂ Emissions Reduced with AMI Meters

| | Total Project | Phase 2 (26% of project) |
|--|---------------|-----------------------------|
| CO ₂ emissions per mile (grams of CO ₂ / mile) | 411 | 107 |
| Estimated total miles per year by District vehicle to read meters | 4,400 | 1,144 |
| Total annual District vehicle emissions (grams of CO ₂) | 1,808,400 | 470,184 |
| Total annual District vehicle emissions (pounds of CO ₂) | 3,987 | 1,037 |

1.4.3 Evaluation Criterion C – Other Project Benefits

1.4.3.1 Resilience and Sustainability Benefits

[Field=&QFieldYear=&QFieldMonth=&QFieldDay=&UseQField=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5CZYFILES%5CINDEX%20DATA%5C11THRU15%5CTXT%5C00000011%5CP100JPPH.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1](https://www3.epa.gov/otaq/gvg/learn-more-technology.htm)

⁷ Source: EPA, 2014. <https://www3.epa.gov/otaq/gvg/learn-more-technology.htm>

- a. Explain and provide detail of the specific issues(s) in the area that is impacting water sustainability, such as shortages drought and water scarcity, climate change, increased demand, or reduced deliveries.

Because of several planned developments within its service area, the District expects to experience significant increases in water demand. Accessory dwelling units (ADUs) added to single-family residential lots are also expected to increase water demand. The District estimates that the service area population will increase from nearly 40,000 to as high as 82,400 persons, thus increasing the expected demand from 4,770 AFY in 2020 to 12,886 AFY by 2040.⁸ Although the District's water supply comes from a historically reliable and unadjudicated groundwater basin, continued water supply resiliency is challenged by water quality issues in groundwater. The District is currently installing additional treatment systems at each existing well and all future wells, and is also using regional treatment systems and blending to meet state and federal drinking water standards, including emerging contaminants like PFAS. The District's 2020 UWMP details how climate change effects are anticipated to increase outdoor water demand in normal and multiple-dry years. Now and in the future, the District will need to focus on water savings from system efficiency and water conservation efforts such as those proposed in this application. AMI technology is a key component in evolving District efforts to conserve water. Through this Phase 2 project, the District will conserve approximately 396 AFY which can directly help address water demand increases related to population growth.

In addition, the immediate savings from the project's AMI and conservation program participation will help to relieve stress from future drought. Fully implementing the customer portal to provide the District an easy, user-friendly, and immediate means to communicate future drought messages, including changes to the Water Shortage Contingency Plan stage level. The addition of an AMI system and robust conservation outreach efforts will play a significant role in the District achieving future drought-related water conservation goals.

- b. Explain and provide detail of the specific issues(s) in the area that is impacting energy sustainability, such as reliance on fossil fuels, pollution, or interruptions in service.

As described in the previous section, through both Phase 1 and Phase 2 of the AMI project combined, the District conservatively estimates it will reduce greenhouse gas emissions because of the resultant removal of the necessity to read meters in the field. Before the AMI project began, the District's meter readers drove approximately 4,400 miles per year to read meters. Based EPA estimates that the average passenger vehicle emits about 411 grams

⁸ Source: RCSD 2020 UWMP, pp. 2-2, 4-5.

of CO₂ per mile and gets an average of 21.6 miles per gallon, the District anticipates to reduce 3,987 pounds of CO₂ emissions from the air as a result of the project.⁹ In addition, the District anticipates saving 203 gallons per year in gasoline from reduced meter reading.

- c. Please describe how the project will directly address the concern(s) stated above. For example, if experiencing shortages due to drought or climate change, how will the project directly address and confront the shortages?

The proposed AMI system will assist the District in meeting necessary water use reductions during water shortages, including periods of drought, or when a well is offline, pursuant to its 2020 Water Shortage Contingency Plan. With implementation of the entire project, customers will receive real-time alerts on water waste, breaks, and leaks they can be promptly addressed. In addition, when a State-declared drought or other water shortage with mandated water use restrictions occur, the customer portal will enable the District to quickly and directly communicate with customers regarding water reduction requirements.

- d. Please address where any conserved water as a result of the project will go and how it will be used, including whether the conserved water will be used to offset groundwater pumping, used to reduce diversions, used to address shortages that impact diversions or reduce deliveries, made available for transfer, left in the river system, or used to meet another intended use.

Any conserved water as a result of the project will remain in the groundwater basin to help maintain a sustainable water supply.

- e. Provide a description of the mechanism that will be used, if necessary, to put the conserved water to the intended use.

The conserved water will not need to be pumped and will remain in the groundwater basin.

- f. Indicate the quantity of conserved water that will be used for the intended purpose(s).

The total conserved water will be used for the intended purpose.

⁹ Source: EPA, Greenhouse Gas Emissions from a Typical Passenger Vehicle, 2014.

1.4.3.2 Addressing Climate Change

According to the USBR's 2021 Secure Water Act Report, "Increasing temperatures, decreasing snowpack, changes to the volume of precipitation, and changes to runoff timing and volume across the West are projected to affect numerous aspects of water management."¹⁰ The AMI project provides the District with the tools to proactively address water management issues in a changing climate. For example, when a rain event is expected, the District can notify customers quickly using the Customer Portal so they can turn off irrigation to prevent unnecessary watering. This will also help save energy by reducing the water pumping. Also, because it nearly eliminates meter reading in the field, the automated AMI system reduces greenhouse gas emissions from driving around to read meters. This also allows the District to redirect staff for addressing other critical tasks including meter replacement and repair, and assisting in repair of service and mainline leaks.

1.4.4 Evaluation Criterion D – Disadvantaged Communities and Tribal Benefits

1.4.4.1 Disadvantaged or Underserved Communities

For identification of disadvantaged communities that will benefit from this project, the District utilized the *White House Council on Environmental Quality's interactive Climate and Economic Justice Screening Tool (CEJST)*, which is available online at <https://screeningtool.geoplatform.gov/en/>. According to BOR, the CEJST is a geospatial mapping tool that utilizes publicly available, nationally consistent data sets related to climate change, the environment, health, and economic opportunity to identify disadvantaged communities.

The tool identifies five (of 11 total) Census Tracts within the District that are designated as Disadvantaged based on a variety of factors referred to as "burdens." These Disadvantaged tracts are:

06065040101—Riverside County
06065040202—Riverside County
06065040203—Riverside County
06065040204—Riverside County
06065040301—Riverside County

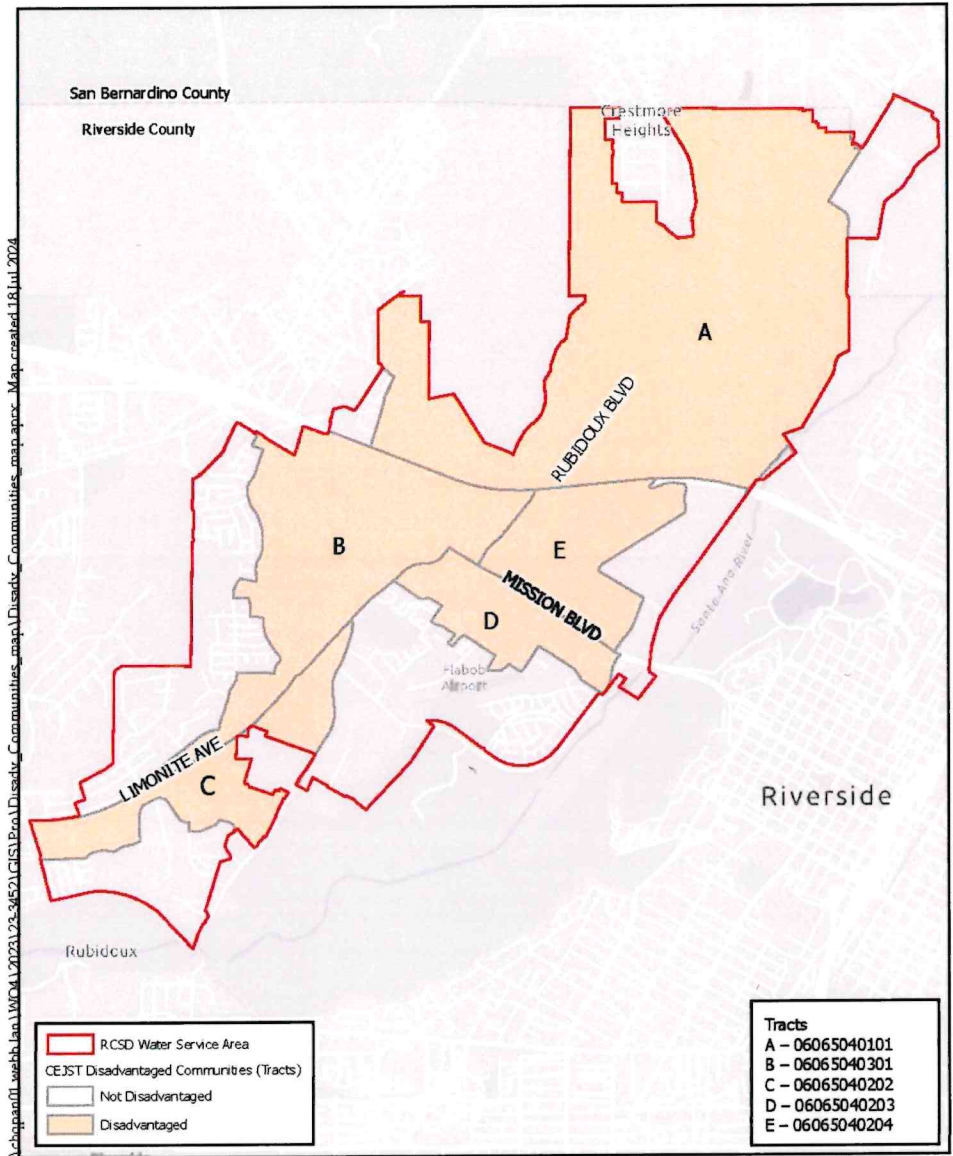
¹⁰ USBR, [Water Reliability in the West - 2021 SECURE Water Act Report \(usbr.gov\)](https://www.usbr.gov/water/programs/secure-water-act/2021-secure-water-act-report/)

Four of the tracts (excluding 06065040101) are identified as Low Income. The CEJST defines a census tract as low income if it ranks above the 65th percentile in the income criteria (percentage below 200% of the Federal Poverty Level).

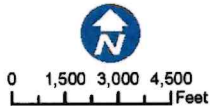
In addition to being low income, the CEJST also considers other environmental, health, and climate metrics in eight categories. If a community meets both the income and other threshold in any one of the categories, it is considered disadvantaged. Some of the other thresholds met among these District tracts and their identification are:

- *Greater than or equal to the 90th percentile for share of properties at risk of flood in 30 years:* Tracts 06065040203 (96%) and 06065040204 (95%).
- *Greater than or equal to the 90th percentile for share of properties at risk of fire in 30 years:* 06065040101 (90%), 06065040202 (97%), 06065040203 (99%), 06065040204 (98%), and 06065040301 (90%).
- *Greater than 90th percentile for share of properties with particulate matter in the air of less than 2.5 microns (PM2.5):* 06065040202 (97%), 06065040203 (96%), 06065040204 (96%), and 06065040301 (97%).
- *Greater than or equal to the 90th percentile for exposure to diesel particulate matter:* 06065040101 (90%), 06065040203 (90%), and 06065040204 (91%).
- *Greater than or equal to the 90th percentile for proximity to NPL (Superfund) sites:* 06065040101 (91%), 06065040203 (90%), 06065040204 (91%), and 06065040301 (90%).

Figure 3 - Disadvantaged Communities Within RCSD Service Area



Disadvantaged Communities within RCSD Service Area



1.4.4.2 Additional U.S. Census Bureau Information on Disadvantaged Communities

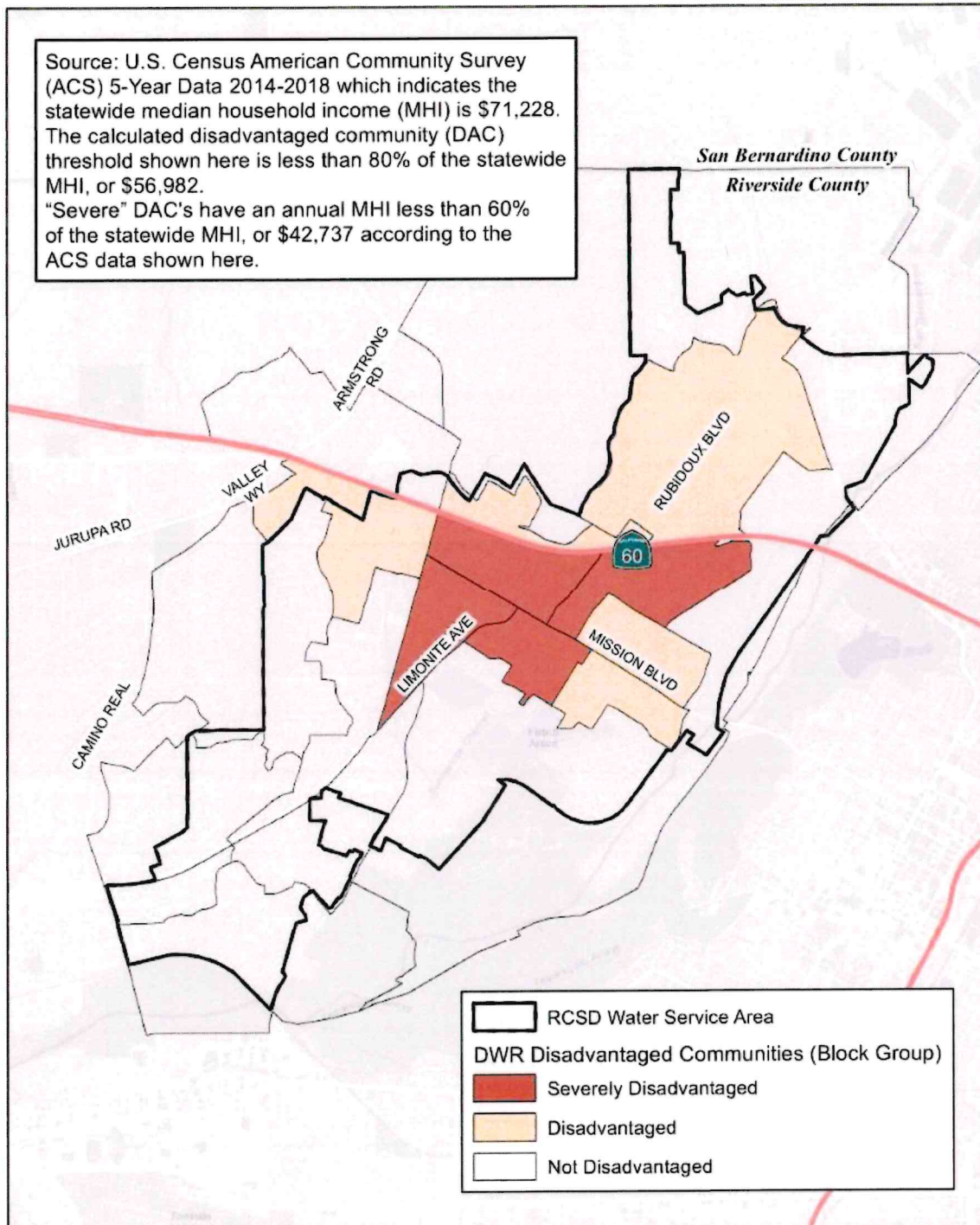
To perform a baseline for disadvantaged and underserved communities at the beginning of the entire AMI project, the District used U.S. Census Bureau data. Therefore, we are also including this information.

The three levels of precision gathered for U.S. Census data are: Census Designated Place (CDP), Census Tracts, and Census Block groups. CDPs are at the broadest level for unincorporated areas. Census tracts are made of Census Block Groups. DWR provided the Disadvantaged Communities (DAC) Mapping Tool for use by water suppliers particularly when they prepare their UWMPs. The DAC Mapping Tool provides U.S. Census American Community Survey 5-year data (2014 to 2018). According to the DAC Mapping Tool, several Census Block Groups within the District service area have median household incomes that qualify as “disadvantaged” and “severely disadvantaged,” as shown in Figure 4 – Disadvantaged Communities. All customers considered as “disadvantaged” or “severely disadvantaged” will benefit directly from the project by receiving new AMI meters and access to the customer portal.

The term “underserved communities” refers to populations sharing a particular characteristic, as well as geographic communities, that have been systematically denied a full opportunity to participate in aspects of economic, social, and civic life, as exemplified by the list in the following definition of equity: “Whereas the term ‘equity’ means the consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment, such as Black, Latino, and Indigenous and Native American persons, Asian Americans and Pacific Islanders and other persons of color; members of religious minorities; lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons; persons with disabilities; persons who live in rural areas; and persons otherwise adversely affected by persistent poverty or inequality.

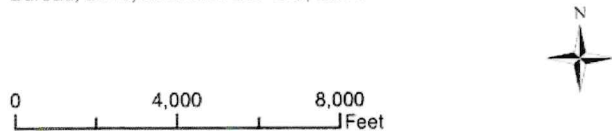
The District also includes “underserved communities” as identified with the U.S. Census. The District service area includes a City population demographic that is 71% Latino, 3.2% African American, 3.6% Asian American and 20.6% White (2020 US Census). The project will directly benefit these communities within the District’s service area by providing real-time water usage to control water use and identify leaks before they receive a large water bill. In addition, the customer portal will provide communication to all these customers on available opportunities to conserve water and benefit from potential efficiency rebates.

Figure 4 - District Disadvantaged Communities (U.S. Census)



Sources: Calif. Dept. Water Res., 2021; US Census Bureau, 2018; Riverside Co. GIS, 2021.

Disadvantaged Communities



1.4.5 Evaluation Criterion E – Complementing On-Farm Irrigation Improvements

N/A

1.4.6 Evaluation Criterion F – Readiness to Proceed

The District intends to complete the project within 3 years from the date of contract execution with the Bureau of Reclamation according to Project Activity and Deliverable Schedule below. Upon grant approval, the District will begin procuring the required AMI equipment and software. Since the beginning of Phase 1 the District has retained the services of a consultant Project Manager who has overseen the implementation of the overall project and will continue that work in Phase 2. The District has also utilized a contracted consultant to develop and implement the enhanced water conservation outreach and education program.

The Phase 2 project in this application will complete installation of the infrastructure, software, and the customer portal, and continue updating the NorthStar customer service/billing software. The Project also entails installing the remaining 1,784 meters according to the schedule below. Concurrently, the District will continue to conduct the community outreach and education campaign to further promote the customer portal and water conservation programs. Table 6 outlines the activities and deliverables for the proposed project.

Table 6: Project Activity and Deliverable Schedule

| PHASE 2 ACTIVITY | LEAD PARTY | DELIVERABLE | START/END |
|--|-----------------------------|---|-----------------------|
| Stage 1 Start Date | | | 10/31/2025 |
| Grant Execution | RCSD & Consultant | Signed Grant Documents | 10/31/2025 |
| Quarterly Program Meeting | RCSD & Consultant | Meeting Notes | Quarterly |
| Quarterly Progress / Financial Reports | RCSD & Consultant | Quarterly Reporting Documents | Quarterly |
| Kick Off Meeting with Vendor | RCSD, Consultant and Vendor | Meeting Notes | 11/3/2025 |
| Outreach Campaign | RCSD and Consultant | Implementation of campaign throughout Phase 2 | 11/1/2025 – 6/30/2028 |
| Training | RCSD and Consultant | Outreach training throughout Phase 2 | 11/1/2025 – 6/30/2028 |

| PHASE 2 ACTIVITY | LEAD PARTY | DELIVERABLE | START/END |
|-------------------------------------|-------------------|--|-----------------------|
| Stage 1 Infrastructure Installation | Vendor | Network Infrastructure Installation | 11/1/2025 – 3/1/2026 |
| Software & Portal Completion | Vendor | Complete setup of AMI software and customer portal | 11/1/2025 – 2/28/2026 |
| Upgrade NorthStar Software | Vendor | Software update for AMI compatibility | 11/1/2025 – 2/28/2026 |
| Stage 1 Completion | | Date of Completion of Stage 1 | 2/28/2026 |
| Stage 2A Start Date | | | 3/1/2026 |
| Stage 2A Meter Installation | Vendor | Purchase and Installation of AMI meters | 3/1/2026 - 2/28/2027 |
| Stage 2A Completion | | Date of Completion Stage 2A | 2/28/2027 |
| Stage 2B Start Date | | | 3/1/2027 |
| Stage 2B Meter Installation | Vendor | Purchase and Installation of AMI meters | 3/1/2027 - 9/30/2027 |
| Stage 2B Completion | | Date of Completion Stage 2A | 9/30/2027 |
| Stage 2C Start Date | | | 10/1/2027 |
| Stage 2C Meter Installation | Vendor | Purchase and Installation of AMI meters | 10/1/2027 - 3/31/2028 |
| Final Program / Financial Report | RCSD & Consultant | Program/financial reports completed & submitted to BOR | 3/31/2028 - 6/30/2028 |
| Project Completion | | Completion of project | 6/30/2028 |

1.4.7 Evaluation Criterion G – Collaboration

This Phase 2 project encourages collaboration among the District and its customers in addressing leak repairs and conserving water. The combination of the new AMI meters and utilization of real time data and the customer portal will allow the District to collaborate with the customer, making them part of the process of identifying leaks. The District can guide customers in how to fix common leaks and inform them about incentives available to replace leaking or broken fixtures. The AMI system will also allow for better collaboration among the District and developers because automated reading of construction meters simplifies the process of the District and developers obtaining meter reads from construction sites. Increased participation in water conservation programs and utilization of available educational resources is anticipated to increase as more customers engage with the customer portal.

The project is supported within the local and greater community as shown from the letters of support received. The District has received letters of support from the City of Jurupa Valley, California State Senator Richard Roth, United States Congressman Mark Takano, Santa Ana Watershed Project Authority, and California State Assemblymember Sabrina Cervantes (letters of support are in Appendix A).

Increased collaboration with customers fosters enhanced customer trust in the District and better understanding of why water use efficiency is important and how everyone in the community can work together to improve it. Such collaboration will likely increase participation in water conservation programs and help the District more promptly identify service line leaks make infrastructure repairs. The AMI technology will become standard for all new development to ensure collaboration between the District and future customers on water use efficiency. The project will significantly help the District reach its outlined goals for reducing water conservation as part of its UWMP.

1.4.8 Evaluation Criterion H – Nexus to Reclamation

Given climate change effects and the specter of future drought, the District is seeking additional water supplies to improve resiliency of supply. This includes an intertie with West Valley Water District which provides up to 2,000 AFY of State Water Project supplies. The District is currently in the design phase of the intertie and is working on a separate grant application to subsidize its funding. This intertie provides an alternative source of water in cases of reductions in groundwater supply due to contamination such as with PFAS or as a result of increases in demand from population growth. The proposed AMI project is a key component of the District's plan to minimize the utilization of State Water Project supplies. As a result, the project would directly help reduce the demand on Northern California water supplies.

1.5 Performance Measures

The District is seeking to achieve and verify potential water saving through the installation of an AMI system, customer portal and expanded water conservation outreach campaign. In order to measure the potential savings, the District will first establish a baseline monthly water usage for accounts prior to the installation of new smart meters. This will include an analysis of at least 12 months of water usage and accounting for weather conditions (i.e. regular or dry year scenarios).

Upon installation of the new smart meters, the District will track the water usage and compare it with the established baseline, accounting for weather conditions. In addition, the

District will utilize the analytics of the customer portal to track customer activity to identify the potential savings generated from the use of the portal. Lastly, the District will keep track of outreach actions and resulting participation to determine what methods were more effective. This includes maintaining a tracking spreadsheet of customer participation in incentive programs such as rebates and free devices.

Section 2 Project Budget

Funding Plan

The District has prepared for this project a draft resolution for adoption by the Board of Directors (a copy of the draft District Resolution is located in Appendix B). The resolution commits the District to funding the non-federal funding portion of the project cost (\$769,045.39). The project's non-federal share will be funded through the District's operations reserve fund. The total non-federal funding provided by the District is \$769,045.39. The funds will be available on commencement of the contract with the Bureau of Reclamation. There are no constraints on the availability of funds and there is no other contingency. Funds will be allocated over the time of the project as outlined in Table 7 below.

Table 7: Timeline of Project Expenditures

| Expenditures | Amount | Timeframe |
|---|--------------|-----------------------|
| Network Infrastructure and Installation | -\$24,200.00 | 11/1/2025 – 2/28/2026 |
| Software & Customer Portal | \$22,000.00 | 11/1/2025 – 2/28/2026 |
| NorthStar System Upgrade | \$27,500.00 | 11/1/2025 – 2/28/2026 |
| Employee Salary & Benefits Stage 1 | \$63,525.31 | 11/1/2025 – 2/28/2026 |
| Project Management Stage 1 | \$85,910.00 | 11/1/2025 – 2/28/2026 |
| Meter Purchase & Installation Stage 2A | \$558,008.44 | 3/1/2026 – 2/28/2027 |
| Employee Salary & Benefits Stage 2A | \$38,115.19 | 3/1/2026 – 2/28/2027 |
| Project Management Stage 2A | \$51,546.00 | 3/1/2026 – 2/28/2027 |
| Meter Purchase & Installation Stage 2B | \$334,805.06 | 3/1/2027 - 9/30/2027 |
| Employee Salary & Benefits Stage 2B | \$12,705.06 | 3/1/2027 - 9/30/2027 |

| Expenditures | Amount | Timeframe |
|-------------------------------------|-----------------------|-----------------------|
| Project Management Stage 2B | \$17,182.00 | 3/1/2027 - 9/30/2027 |
| Meter Purchase and Installation 2C | \$223,203.38 | 10/1/2027 - 3/31/2028 |
| Employee Salary & Benefits Stage 2C | \$12,705.06 | 10/1/2027 - 3/31/2028 |
| Project Management Stage 2C | \$17,182.00 | 10/1/2027 - 3/31/2028 |
| Outreach Campaign | \$27,500.00 | 11/1/2025 - 6/30/2028 |
| Training | \$22,000.00 | 11/1/2025 - 6/30/2028 |
| Total Cost | \$1,538,087.51 | |

Note: The total cost in this table is \$3.27 less than the official grant total of \$1,538,090.78. This is due to rounding in some of the calculations.

2.1 Budget Proposal

A budget proposal is provided in the following table which identifies both the District and Bureau of Reclamation grant funds required to implement the Phase 2 project. Table 8 provides the percentage of costs shared per funding source.

Table 8: Project Costs and Percentage by Source

| Funding Source | Total Project Cost by Source | Percent of Total Project Cost |
|-----------------------|------------------------------|-------------------------------|
| District Funding | \$769,045.39 | 50.0% |
| Reclamation Funding | \$769,045.39 | 50.0% |
| Other Federal Funding | \$0 | 0.0% |
| Total Cost | \$1,538,090.78 | 100.0% |

The proposed budget breakdown by funding source for the project is provided in Table 9 (next page).

Table 9: Project Budget

| BUDGET ITEM DESCRIPTION | COMPUTATION | | | Recipient Share | BOR Share | TOTAL COST |
|---|----------------|-------------|-------------|---------------------|---------------------|-----------------------|
| | Price | Unit | Quantity | | | |
| SALARIES AND WAGES | | | | | | |
| General Manager | \$133.52 | hour | 30 | \$2,002.80 | \$2,002.80 | \$4,005.60 |
| Director of Engineering | \$121.10 | hour | 60 | \$3,633.00 | \$3,633.00 | \$7,266.00 |
| Director of Finance & Admin. | \$121.10 | hour | 60 | \$3,633.00 | \$3,633.00 | \$7,266.00 |
| Customer Service Manager | \$75.99 | hour | 360 | \$13,678.20 | \$13,678.20 | \$27,356.40 |
| Customer Service Rep | \$48.62 | hour | 480 | \$11,668.80 | \$11,668.80 | \$23,337.60 |
| Meter Reader | \$41.77 | hour | 180 | \$3,759.30 | \$3,759.30 | \$7,518.60 |
| Utility Maintenance I | \$48.62 | hour | 150 | \$3,646.50 | \$3,646.50 | \$7,293.00 |
| | | | | \$0.00 | \$0.00 | \$0.00 |
| Subtotal | | | 1320 | \$42,021.60 | \$42,021.60 | \$84,043.20 |
| FRINGE BENEFITS | | | | | | |
| Employee Benefits (Averaged) | \$32.58 | hour | 1320 | \$21,505.35 | \$21,505.35 | \$43,010.70 |
| TRAVEL | | | | | | |
| N/A | | | | | | |
| EQUIPMENT | | | | | | |
| Meters | \$464.64 | meter | 1,784 | \$414,458.88 | \$414,458.88 | \$828,917.76 |
| Subtotal | | | | \$414,458.88 | \$414,458.88 | \$828,917.76 |
| CONTRACTUAL & CONSTRUCTION | | | | | | |
| Meter Installation | \$160.93 | meter | 1,784 | \$143,549.56 | \$143,549.56 | \$287,099.12 |
| Network Infrastructure | | | | \$12,100.00 | \$12,100.00 | \$24,200.00 |
| Software & Customer Portal | | lump sum | 1 | \$11,000.00 | \$11,000.00 | \$22,000.00 |
| Northstar System Upgrade | | upgrade | 1 | \$13,750.00 | \$13,750.00 | \$27,500.00 |
| Education Outreach Services | | hours | | \$24,750.00 | \$24,750.00 | \$49,500.00 |
| Project Management | | | | \$85,910.00 | \$85,910.00 | \$171,820.00 |
| Subtotal | | | | \$291,059.56 | \$291,059.56 | \$582,119.12 |
| ENVIRONMENTAL AND REGULATORY COSTS | | | | | | |
| N/A | | | | | | |
| THIRD PARTY CONTRIBUTIONS | | | | | | |
| N/A | | | | | | |
| OTHER | | | | | | |
| N/A | | | | | | |
| TOTAL DIRECT COSTS | | | | | | |
| INDIRECT COSTS | | | | | | |
| TOTAL ESTIMATED PROJECT COSTS | | | | | | |
| | | | | \$769,045.39 | \$769,045.39 | \$1,538,090.78 |

The detailed cost breakdown for all costs including the cost for the purchase of each meter installation is provided in the following tables. Table 10 shows the costs of the meters, including tax, with the unit price reflecting the cost for each.

Table 10: Meter Equipment Cost

| Meter Size | Unit Price | Quantity | Total Cost |
|--------------|------------|----------|---------------------|
| 3/4" Meters | \$464.64 | 1,784 | \$828,917.76 |
| Total | | | \$828,917.76 |

Table 11: Contractual and Construction Costs

| Item | Price | Unit | Quantity | Total Cost |
|---|-----------|--------------|----------|---------------------|
| Meter Installation | \$160.93 | Meter | 1,784 | \$287,099.12 |
| Network Infrastructure | \$24,200 | Contract fee | | \$24,200.00 |
| Software & Customer Portal | \$22,000 | Contract fee | | \$22,000.00 |
| NorthStar System Upgrade | \$27,500 | Contract fee | | \$27,500.00 |
| Education Outreach Services | \$49,500 | Contract fee | | \$49,500.00 |
| Project Management | \$171,820 | Contract fee | | \$171,820.00 |
| Total Contractual and Construction Costs | | | | \$582,119.12 |

Table 12: Total Project Cost with Salaries and Fringe Benefits

| Budget Category | Total Cost |
|------------------------|-----------------------|
| Meter Equipment Cost | \$828,917.76 |
| Project Management | \$582,119.12 |
| Staff Salaries | \$84,043.20 |
| Fringe Benefits | \$43,010.70 |
| | |
| Estimated Total | \$1,538,090.78 |

2.2 Budget Narrative

The District's proposed budget includes the following costs.

2.2.1 Salaries and Wages

The salaries and wages included in the budget proposal are for all District employees who will be administrating and overseeing the AMI Phase 2 project. Tasks include project meetings, inspections, preparing bid advertisements and community outreach.

The primary staff hours are allocated to the Customer Service Department over the 3-year project. This will include but is not limited to completing the following essential tasks:

1. Setup of AMI software system
2. Update of meter data in billing system
3. Coordination with NorthStar to update customer service software to run compatible with new AMI software.
4. Set up and maintenance of customer portal
5. Address customer questions on customer portal, changes in bill, leaks, etc.
6. Address field issues with newly installed meters and base stations.
7. Inhouse program coordination with vendor, project management and outreach campaign consultants.

The salary and wage rates are provided based on 2024 rates. The total salaries and wages cost for the 3-year project period is \$84,043.20.

Fringe Benefits

The averaged fringe benefit rate of \$32.58 is provided based on 2024 rates. Fringe benefit rates are a calculated average based on the hours and benefit rate in dollar per hour for the employees involved in the AMI project. The total fringe benefit cost for the 3 year project period is \$43,010.70.

Travel

No travel is anticipated.

Equipment

A total of 1,784 water meters will be upgraded to AMI meters. The budgetary estimate for equipment and software for the project is based on quotes received in September 2023. The total equipment cost is quoted at \$828,917.76.

2.2.2 Materials and Supplies

The project is not requesting funds for materials and supplies.

2.2.3 Contractual

A significant portion of the requested budget is for contractual services including installation costs and project management. The District is seeking an entire turnkey system, inclusive of all necessary materials and systems needed for the AMI project. The District is awarding the contract to retain an independent Project Management Consultant to execute the project. The Program Management Consultant will be responsible for issuing a competitive procurement process for the installation of the meters and all required infrastructure and software set up. The most qualified proposer will be awarded the contract to install the AMI system. The budgetary estimate for contractual services for the Phase 2 project is based on quotes received in September 2023. The total costs for infrastructure installation related to the AMI meters is quoted as \$24,200. The estimated cost for meter installation is \$287,099.12. The total installation and equipment cost for the meters is \$311,299.12. The upgrade and integration costs (\$27,500) are estimated to bring the current NorthStar customer service software to compatibility with the AMI technology. The District will work with a Project Management Consultant to complete program management of the project at an estimated cost of \$171,820 and a consultant for \$49,500 to develop public outreach efforts. The overall total for contractual services is \$221,320.

2.2.4 Third Party In-Kind Contributions

The project is not requesting third party in-kind contributions.

2.2.5 Environmental and Regulatory Compliance Costs

The project is not requesting funding for environmental and regulatory compliance costs.

2.2.6 Other Expenses

The project is not requesting funding for other expenses.

2.2.7 Indirect Costs

No indirect costs are included.

Section 3 Environmental and Cultural Resources Compliance

The project consists of upgrading existing equipment and is therefore not anticipated to impact the surrounding environment. The scope of this project only includes the replacement of meters located at customer property lines, installation of base collector system, and customer portal that is entirely online. Upon discussion with Douglas McPherson, Environmental Protection Specialist in the Bureau of Reclamation, Southern California Area Office, the project is expected to receive an environmental categorical exclusion pursuant to the National Environmental Protection Act (NEPA) under “516 DM 14.5 D (1)-Maintenance, rehabilitation, and replacement of existing facilities which may involve a minor change in size, location, and/or operation.”

Regarding compliance with state environmental regulations, the District is expected to take a discretionary action to proceed with the project and therefore trigger review under the California Environmental Quality Act (CEQA). Because project activities are limited to customer meter boxes and base collectors, the project is not expected to adversely impact cultural resources, or sensitive plant or animal species and a CEQA exemption would be applicable.

Section 4 Required Permits or Approvals

There are no permitting requirements to complete the project. All meters will be installed in the place of existing meter boxes.

Section 5 Overlap or Duplication of Effort Statement

The District is only seeking outside funds through the WaterSmart Water and Energy Efficiency grant (WEEG) under Funding Group 2.

Section 6 Conflict of Interest Disclosure Statement

There are no anticipated potential conflicts of interest existing at the time of this submission.

Section 7 Unique Entity Identifier and System for Award Management

The Rubidoux Community Services District's Unique Entity Identifier (UEI) for the System for Award Management is KVPTT9U7J1A5.

Section 8 Official Resolution

The District's Board of Directors passed the Resolution 2024-XXX on August 15, 2024, authorizing the submittal of the District's application to the U.S. Bureau of Reclamation's WaterSMART Water Energy Efficiency Grant program for the District's AMI Implementation Project. The resolution is included in this application as Appendix B.

Section 9 References

- Aquacraft Aquacraft, Inc. Water Engineering and Management, 2011. *California Single Family Water Use Efficiency Study*. (Available at <https://cawaterlibrary.net/wp-content/uploads/2019/07/California-Single-Family-Home-Water-Use-Efficiency-Study-20110420.pdf>)
- EPA Green Vehicle Guide, 2016. <https://www3.epa.gov/otaq/gvg/learn-more-technology.htm>
- EPA United States Environmental Protection Agency, 2014. Questions and Answers EPA-420-F-040, <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100JPPH.PDF?Dockey=P100JPPH.PDF>
- GHG United States Environmental Protection Agency, 2020. US EPA Greenhouse Gas Equivalencies Calculator, <https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references>.
- M.Cubed East Bay Municipal Utility District, 2013. *Evaluation of East Bay Municipal Utility District's Pilot of WaterSmart Home Water Reports*. (Available at https://www.financingsustainablewater.org/sites/www.financingsustainablewater.org/files/resource_pdfs/MCubed-WaterSmart_evaluation_report_FINAL_12-12-13%2800238356%29.pdf)
- SCWD South Coast Water District, 2019. *Advanced Metering Infrastructure Implementation Program Phase 1 Project Final Project Report*. (Available at <https://www.usbr.gov/lc/social/wtrcons/amifinal.pdf>)

- USBR United States Bureau of Reclamation (USBR), 2021. *Water Reliability in the West – 2021 Secure Water Act Report*. (Available at [Water Reliability in the West - 2021 SECURE Water Act Report \(usbr.gov\)](#))
- USCB United States Census Bureau, Quick Facts for the City of Jurupa Valley, (Available at <https://www.census.gov/quickfacts/jurupavalleycitycalifornia>).
- UWMP Albert A. Webb Associates, 2021. *Rubidoux Community Services District 2020 Urban Water Management Plan (UWMP)* (Available at <https://www.rcsd.org/urban-water-management-plan>.)

- Appendix A. **Letters of Support**
- Appendix B. **Resolution**
- Appendix C. **Required Federal Forms**

Appendix A

Letters of Support

Appendix B

Resolution

Appendix C

Federal Forms

RESOLUTION NO. 2024-917

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE RUBIDOUX
COMMUNITY SERVICES DISTRICT AUTHORIZING THE GENERAL
MANAGER, OR DESIGNEE, TO APPLY FOR, RECEIVE, AND ENTER INTO A
COOPERATIVE AGREEMENT, AND ADMINISTER A GRANT FOR THE FY
2025 BUREAU OF RECLAMATION WATER AND ENERGY EFFICIENCY
GRANT (R24AS00052)**

WHEREAS, THE General Manager, or their designee, of the Rubidoux Community Services District ("DISTRICT"), may legally bind the District by their signature; and

WHEREAS, the DISTRICT wishes to enter into the Bureau of Reclamation's Water and Energy Efficiency Grant to fund water and energy efficiency in the amount not to exceed \$769,045; and DISTRICT will provide the amount of funding and/or in-kind contributions specified in the funding plan; and

WHEREAS, the DISTRICT Board of Directors and the General Manager have reviewed and support the application submitted, and

WHEREAS, the DISTRICT will work with the Bureau of Reclamation to meet established guidelines for entering into a cooperative agreement.

NOW BE IT THEREFORE, BE IT RESOLVED that the Board of Directors of the DISTRICT, hereby supports the application submitted and authorizes the General Manager to execute any and all documents associated with this grant process.

PASSED AND ADOPTED, at a regular meeting of the Board of Directors of the Rubidoux Community Services District, held on the 15th of August 2024, by the following vote:

AYES:

AWAY:

NOES:

ABSENT:

ABSTENTIONS:

John Skerbelis, President
Rubidoux Community Services District

(Seal)

ATTEST:

Brian R. Laddusaw
General Manager

APPROVED AS TO FORM AND CONTENT:

John R. Harper
District Counsel

RESOLUTION NO. 2022-893

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE RUBIDOUX
COMMUNITY SERVICES DISTRICT AUTHORIZING THE GENERAL MANAGER,
OR DESIGNEE, TO APPLY FOR, RECEIVE, AND ENTER INTO A COOPERATIVE
AGREEMENT, AND ADMINISTER A GRANT FOR THE 2023 BUREAU OF
RECLAMATION WATER AND ENERGY EFFICIENCY GRANT**

WHEREAS, the General Manager, or designee, of the Rubidoux Community Services District (“DISTRICT”), may legally bind the DISTRICT by his/her signature; and

WHEREAS, the DISTRICT wishes to enter into the Bureau of Reclamation’s Water and Energy Efficiency Grant for the DISTRICT to receive funding in the amount not to exceed \$500,000 under the WaterSMART: Water and Energy Efficiency Grant for FY 2023 to implement water and energy efficiency through Advanced Metering Infrastructure; and DISTRICT will provide the amount of funding and/or in-kind contributions specified in the funding plan; and

WHEREAS, the DISTRICT Board of Directors and the General Manager have reviewed and support the application submitted, and


WHEREAS, the DISTRICT will work with the Bureau of Reclamation to meet established guidelines for entering into a cooperative agreement.

NOW BE IT THEREFORE, BE IT RESOLVED that the Board of Directors of the DISTRICT, hereby supports the application submitted and authorizes the General Manager to execute any and all documents associated with this grant process.

ADOPTED at the regular meeting of the Board of Directors of the Rubidoux Community Services District, held on the 7th day of July, 2022

<signatures on following page>

**RUBIDOUX COMMUNITY SERVICES
DISTRICT**



Hank Trueba, Jr.
Board President

AYES: A. Muniz, B. Murphy, J. Skerbelis, H. Trueba, Jr., F. Forest Trowbridge

NOES:

ABSTAIN:

ABSENT:

ATTEST:



Jeffrey D. Sims,
General Manager/Secretary
Rubidoux Community Services District

RESOLUTION NO. 2022-894

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE RUBIDOUX
COMMUNITY SERVICES DISTRICT AUTHORIZING THE GENERAL MANAGER,
OR DESIGNEE, TO APPLY FOR, RECEIVE, AND ENTER INTO A COOPERATIVE
AGREEMENT, AND ADMINISTER A GRANT FOR THE 2023 BUREAU OF
RECLAMATION WATER AND ENERGY EFFICIENCY GRANT**

WHEREAS, the General Manager, or designee, of the Rubidoux Community Services District (“DISTRICT”), may legally bind the DISTRICT by his/her signature; and

WHEREAS, the DISTRICT wishes to enter into the Bureau of Reclamation’s Water and Energy Efficiency Grant for the DISTRICT to receive funding in the amount not to exceed \$1,500,000 under the WaterSMART: Water and Energy Efficiency Grant for FY 2023 to implement water and energy efficiency through Advanced Metering Infrastructure; and DISTRICT will provide the amount of funding and/or in-kind contributions specified in the funding plan; and

WHEREAS, the DISTRICT Board of Directors and the General Manager have reviewed and support the application submitted, and

WHEREAS, the DISTRICT will work with the Bureau of Reclamation to meet established guidelines for entering into a cooperative agreement.

NOW BE IT THEREFORE, BE IT RESOLVED that the Board of Directors of the DISTRICT, hereby supports the application submitted and authorizes the General Manager to execute any and all documents associated with this grant process.

ADOPTED at the regular meeting of the Board of Directors of the Rubidoux Community Services District, held on the 7th day of July, 2022

<signatures on following page>

**RUBIDOUX COMMUNITY SERVICES
DISTRICT**



Hank Trueba, Jr.
Board President

AYES: A. Muniz, B. Murphy, J. Skerbelis, H. Trueba, Jr., F. Forest Trowbridge

NOES:

ABSTAIN:

ABSENT:

ATTEST:



Jeffrey D. Sims,
General Manager/Secretary
Rubidoux Community Services District

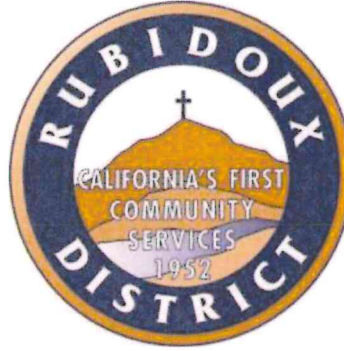
5. **CONSENT CALENDAR** (continued)

- E. **DM 2024-66**: Consider Proposal from Albert A. Webb Associates for Preparation for a U.S. Bureau of Reclamation WaterSMART Drought Response Grant Program Application

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge



General Manager

Brian R. Laddusaw

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

DIRECTORS MEMORANDUM 2024-66

August 15, 2024

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Proposal from Albert A. Webb Associates for Preparation of a U.S. Bureau of Reclamation WaterSMART Drought Response Grant Program Application

BACKGROUND:

In March 2022, the Rubidoux Community Services District (“District”) Board of Directors (“Board”) first entered into a professional services agreement with Albert A. Webb Associates (“Webb”) to assist District staff in writing grant applications. Grant writing is a unique skillset and with the District only having 26 full-time equivalent employees, District staff does not possess the time nor expertise to write successful grant applications at the same level as Webb. Some of the advantages with leveraging the use of a professional grant writer include but are not limited to:

1. **Expertise and Experience:** Professional grant writers have specialized training and experience in researching, writing, and submitting grant proposals. They understand the nuances of grant applications, including specific requirements and formatting guidelines. This expertise can increase the chances of success in securing grant funding.
2. **Time Efficiency:** Preparing a grant proposal can be a time-consuming process. Professional grant writers can streamline the process, allowing the District’s staff to focus on their core responsibilities, which is particularly important for a small District like Rubidoux.
3. **Access to Funding Opportunities:** Professional grant writers often have access to databases and resources that provide information about various grant opportunities. They can help identify grants that are a good fit for the District’s mission and programs, increasing the likelihood of securing funding.
4. **Competitive Advantage:** Many grant opportunities are highly competitive, with numerous organizations vying for limited funds. Professional grant writers can help organizations craft compelling proposals that stand out from the competition.

The District has previously utilized Webb for grant application support services. In FY 2023, the District was awarded a grant from the U.S. Bureau of Reclamation (“USBR”) under their WaterSMART “Water and Energy Efficiency Grant” Program (“Grant Program”). With the assistance of Webb, the District secured \$1.5 million in grant funding to help the District replace approximately 5,000 existing meters to Advanced Metering Infrastructure (“AMI”) technology under what’s referred to as Phase I of the District’s overall AMI Meter Replacement Project (“Project”) which looks to replace 100% of the District’s meters to AMI. Earlier this evening, the Board reviewed the draft grant application for Phase 2 of the Project and considered the adoption of Resolution No. 2024-917 to allow the General Manager to facilitate all the grant documents. If the grant application under Phase 2 is successful, the District is hopeful to receive approximately \$769,000 in grant monies towards the Project.

Since 2020, the District has been successful on numerous grant application efforts, most of which have utilized the services of grant writing professionals. A summary of those awards is highlighted below:

| TABLE 1 | |
|--|------------------------|
| Grant Program | Maximum District Award |
| CalOES FY 2020-21 Community Power Resiliency Program | \$ 300,000.00 |
| SB 1383 Local Assistance Grant Program | \$ 53,174.00 |
| SWRCB Water Arrearages Program | \$ 86,281.13 |
| SWRCB Wastewater Arrearages Program | \$ 40,406.76 |
| 2023 U.S.B.R. WaterSmart Grant - AMI Meters | \$ 1,500,000.00 |
| 2023 U.S.B.R. WaterSmart Grant - Well 25 and Treatment | \$ 1,457,500.00 |
| CalOES Hazard Mitigation Grant Program | \$ 168,525.50 |
| Total | \$ 3,605,887.39 |

Currently there is a grant funding opportunity under the USBR WaterSMART Drought Response (Resiliency) Grant Program to facilitate the funding of two crucial District projects: 1) construction of an inter-agency interconnection with West Valley Water District and 2) replacement of Hunter 1 Reservoir and construction of a new 20th Street Reservoir.

- 1) Intertie with West Valley Water District – Historically, the District has been 100% groundwater (“GW”) reliant. Although the District currently has an interconnection with Jurupa Community Services District (“JCSD”), the District’s current production capacity (supply) over demand has allowed the District to wholesale water to JCSD during the summer months. The District could purchase water from JCSD as part of a total dissolved solids (“TDS”) concentration reduction strategy but this could only be facilitated in the winter months, when JCSD’s demand is low. The District does not view this interconnection as a viable emergency connection year round. Understanding the need for redundant supply to enhance the reliability of the water distribution system year round, the District in 2020 began working on a 5-party agreement with Western Municipal Water District, San Bernardino Valley Municipal Water District, West Valley Water District, and Metropolitan Water District to provide up to 2,000 acre-feet/year (“AFY”) of low TDS State Water Project water to the District. This agreement was formally executed by all parties in June 2024. Design of the interconnection is now substantially complete and is considered “shovel ready”. Since access to an additional 2,000 AFY of water is not an imminent need for the District,

the District can seek grant financing to cover up to 50% of the project cost. Absent grant financing, the District would have to facilitate this infrastructure through existing reserves, debt financing, or condition a developer to build it and would require the issuance of EDU fee credits for their project. Subsidizing the construction of the interconnection via grant monies provides the lowest cost option for the District and its rate-payers.

- 2) Reservoir replacement and construction – The District has four water storage reservoirs currently in operation: Atkinson, Perrone, Watson, and Hunter 1. In December 2019, the Board of Directors authorized a professional services contract with Harper & Associates to inspect the tanks with specific emphasis on: 1) corrosion evaluation, 2) structural/seismic, and 3) safety evaluation. The results of the assessment were not good, but otherwise not unexpected given the age and usage of the tanks over the years. All tanks require substantial structural and safety upgrades to meet AWWA and OSHA regulations. In August 2023, the Board adopted a multi-year Corrective Action Plan to address the deficiencies in the existing water storage reservoirs. Further, in the District’s 2022 Water Master Plan, Hunter 1 was identified as needing to be replaced altogether. Hunter 1 is a 0.4 MG water storage reservoir in the District’s 1238-foot pressure zone. Facilitating this replacement is deemed critical. Additionally, in the District’s 2022 Water Master Plan is a new 3.65 MG water storage reservoir to provide additional storage to the Atkinson (1066-foot) pressure zone. Sizing criteria was based on fire flow storage requirements for the Atkinson Zone. Although grant monies under this program cannot be used for repairs and maintenance, they can be utilized for the replacement of Hunter 1 and construction of a new 5th water storage reservoir, currently called the 20th Street Tank. Both tanks are crucial for the long-term sustainability and growth of the District.

The USBR Drought Response Grant Program has two funding groups and thus allows the District to apply for grant funding under both groups but most importantly, without competing against each other. Funding Group 1 allows for up to \$750,000 and Funding Group 2 allows for up to \$3,000,000. The only caveat is the max total funding for the District during this funding cycle is \$3,000,000. This will require to District to reduce the funding request amongst both groups to not exceed \$3,000,000 in the aggregate.

Given Webb’s proven track record of securing grant financing for critical District projects in the past, the District requested a proposal to assist staff in preparing a grant application for the aforementioned projects. The proposal is for \$23,980, or \$11,990 per application. For reference, the District paid \$11,000 for the Phase 2 AMI grant application.

Budget Considerations

Included in the District’s Fiscal Year (“FY”) 2024|2025 Water Fund Budget is line 39 ‘Consulting Fees: Grant Support Services’ for \$15,000. This amount is insufficient to cover the cost of this work and the Board would need to amend the budget before proceeding forward with these efforts. Further, since most grant programs have two funding deadline periods, it’s likely the District may wish to apply for another grant in Winter 2025. Thus, staff recommends the Board consider amending the District’s FY 2024|2025 Water Fund Budget line 39 from \$15,000 to \$40,000, which will allow for District staff to issue a Task Order to Webb for \$23,980 for this work and provide an additional \$15,000 for the remainder of the fiscal year should staff deem it necessary to pursue

an additional grant opportunity in early 2025. The budget amendment of \$25,000 would be funded from the District's Water Fund Unrestricted Operating Reserve.

RECOMMENDATION:

Staff recommends the Board of Directors consider the following:

1. Issue a Task Order to Albert A. Webb Associates in the amount of \$23,980 to assist staff with preparing a grant application under the U.S. Bureau of Reclamation's Drought Response Program to secure funding for the District's interconnection with West Valley Water District and facilitate the replacement and construction of two water storage reservoirs.
2. Amend the District's Fiscal Year 2024|2025 Water Fund Budget line 39 'Consulting Fees: Grant Support Services' from \$15,000 to \$40,000 funded from the District's Water Fund Unrestricted Operating Reserve.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attachment(s):

1. Proposal – Albert A. Webb Associates – Grant Application Services, dtd. August 8, 2024
2. Fiscal Year 2024|2025 Water Fund Budget – Page 5



August 8, 2024

Brian Laddusaw, CPA, General Manager
Rubidoux Community Services District
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509

Sent via email: BLaddusaw@rcsd.org

RE: Proposal for Grant Application Services

Dear Brian,

Pursuant to your request on August 1, 2024, Albert A. WEBB Associates (WEBB) is pleased to provide you with this proposal to prepare two grant applications to the U.S. Bureau of Reclamation's WaterSMART Drought Response Program funding opportunity. Enclosed you will find our Project Understanding (Section 1), Scope of Work (Section 2), and Compensation for Services (Section 3) for your review and consideration.

If you find this proposal acceptable, please notify our office so a contract agreement can be prepared. We appreciate this opportunity to be of service to the District and look forward to hearing from you. If you have any questions regarding this proposal, please call us at the number below.

Sincerely,

ALBERT A. WEBB ASSOCIATES

Autumn DeWoody
Senior Environmental Analyst -Water Resources Planning
(951) 320-6046
Autumn.DeWoody@WebbAssociates.com

Copy: Lee Reeder, WEBB
Brad Sackett, WEBB
Cheryl DeGano, WEBB

Section 1 Project Understanding

The U.S. Bureau of Reclamation (“Reclamation”) released on July 24, 2024 the Notice of Funding Opportunity (NOFO) No. R25AS00013, *WaterSMART Drought Response Program: Drought Resiliency Projects (DRP) for Fiscal Year 2025*. This funding opportunity supports the implementation of drought mitigation projects that will build long-term resilience to drought. Through this funding opportunity, Reclamation provides financial assistance for projects that, when implemented, will increase water supply reliability and improve water management.

The DRP funding opportunity offers four task (category) areas (Tasks A-D) for project implementation to improve water supply reliability. Task A projects include infrastructure improvements, Task B includes groundwater projects, Task C projects are decision support tools to improve water management, and Task D includes domestic water supply projects that benefit Tribes or disadvantaged communities that do not currently have reliable water supplies.

For Tasks A-C, Reclamation can provide up to 50% of project costs in two funding groups, not to exceed \$3 million in federal funds. Funding Group I is up to \$750,000 in federal cost-share for projects that can be completed in two years, and Funding Group II is up to \$3 million in federal cost-share for projects that can be completed in three years. For Task D projects, Reclamation can provide up to \$10 million in federal funds. Task D requires a 5% non-federal cost-share; however, applicants can request a cost-share waiver.

Based on discussions with our contact at Reclamation, the DRP funding opportunity is a good fit for the District’s two proposed projects: (1) intertie with West Valley Water District, and (2) constructing two new water reservoirs called Hunter 1 and 20th Street. The District may submit two applications, one for each project, to Reclamation under the same DPR funding opportunity. The District qualifies as an eligible applicant under Task A projects. Our scope of work is based on applying to Funding Group I for the West Valley Intertie project and to Funding Group II for the two new water reservoirs. In addition, WEBB is uniquely positioned to prepare the applications since our engineers have been working with the District to prepare cost estimates for said projects.

Notes:

Costs and fees associated with additional special studies, such as archaeological studies, biological reports, and/or geotechnical reports, etc., which may be required in conjunction with the approval of this project, are excluded from this proposal unless specifically noted otherwise.

Please contact us immediately if our understanding of the project needs are not consistent with your understanding, so that the proposal can be revised accordingly.

Section 2 **Scope of Work**

Albert A. WEBB Associates (WEBB) will perform the following Scope of Services for the project.

2.1 Data Gathering and Analysis

In preparation for the creating and submitting the grant application, WEBB will collect and analyze data from the District and outside sources for all required and recommended application elements for two Drought Response Program draft applications:

- Funding Group 1: West Valley Intertie.
- Funding Group 2: Reservoir Project (maximum federal funding \$3 million). This will be a combined project with two reservoirs, which are the 1.4 MG Hunter Reservoir and the 3.65 MG 20th St. Reservoir.

The range of the projects and proposed amounts of federal funding will be based on direction from the district during the kickoff meeting scheduled for August 12, 2024 at 1:30 p.m.

2.2 Prepare and Submit Grant Applications

WEBB will create two applications for the District based on the Reclamation NOFO No. R25AS00013, *WaterSMART Drought Response Program: Drought Resiliency Projects (DRP) for Fiscal Year 2025*.

WEBB will ensure that all Required Application Elements for both applications are completed. This includes:

- filling out all required federal forms and ensuring they are properly endorsed;
- ensuring that SAM requirements are met; and
- creating a Technical Proposal, Budget Narrative and Evaluation Criteria Narrative in accordance with NOFO Sections D and E.

WEBB will also ensure that all Recommended Application Elements are completed. This includes the following:

- developing strategies for environmental (NEPA and CEQA) and federal cultural resources compliance;
- determining whether any permits and approvals would be necessary and if so, develop plans for obtaining them;
- when applicable, supplying recommended reporting and disclosure statements and certifications;
- obtaining five letters of support for each application from municipal and legislative representatives, and local water partners, and coordinating with their offices in the process; and
- obtaining letters of funding commitment from partners for each (if necessary)

WEBB will assemble the applications and necessary attachments for up to two staff reviews prior to final copies for the Board of Directors meeting agenda packet on September 19, 2024 for approval and resolution.

2.3 Project Management and Meetings

WEBB has budgeted meeting time with the District to complete the application and to attend one Board of Directors meeting.

The application will require a resolution from the District Board of Directors that approves the application and commits to funding if the grant is received; therefore, the draft of the application and a resolution must be on the September 19, 2024 Board of Director's agenda to meet the October 7, 2024 deadline to USBR. WEBB will provide a template resolution that will be utilized that meets the requirements under the Drought Response Program application.

Exclusions

- If either project does not fit within a NEPA Categorical Exclusion that Reclamation would prepare and a different NEPA document is needed from the District, then a budget augment would be required.
- If Reclamation determines either project could have effects on historic properties, then a budget augment would be required to bring a consulting archaeologist on-board to prepare a Section 106 analysis for Reclamation.
- A budget augment would be required for WEBB to prepare CEQA documentation on behalf of the District.
- If permits and approvals are required, then a budget augment would be needed for WEBB to obtain them on behalf of the District.

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 Client 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.

Schedule

Submittal of both applications to USBR will be completed by the DRP deadline of October 7, 2024, 4:00 p.m. Mountain Daylight Time (3:00 p.m. Pacific Time).

Section 3 Compensation for Services

Work shall be billed on “Time and Materials” basis (T&M) not to exceed the amount indicated below without prior authorization from the Client. Total fees for services shown in the Scope of Work (Section 2) shall be **\$23,980**. A breakdown of our fees is listed below:

| Item | Description | Bradley Sackett Principal II | Cheryl DeGano Principal II | Autumn DeWoody Associate II | Lee Reeder Associate I | Noemi Avila Assistant II | Total Hours | Expenses | Total/task ¹ |
|--------|---------------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------|-----------------------------|-------------|------------|-------------------------|
| | Billout Rate | \$ 312 | \$ 312 | \$ 229 | \$ 217 | \$ 147 | | | |
| | | 10 | 8 | 22 | 56 | 8 | 104 | \$- | \$23,980 |
| Task 1 | Data Gathering and Analysis | | | 4 | 16 | | 20 | | \$ 4,390 |
| Task 2 | Prepare and Submit Grant Applications | 4 | 4 | 8 | 24 | 8 | 48 | | \$10,710 |
| Task 3 | Project Management and Meetings | 6 | 4 | 10 | 16 | | 36 | | \$ 8,880 |
| | Total | 10 | 8 | 22 | 56 | 8 | 104 | \$- | \$23,980 |

1. Rounded to the nearest \$10.
2. Billout rates may change over the course of the contract term due to changes in employee compensation. Please notify WEBB if the funding source for this project has a conflict with this fact.
3. Expenses other than mileage, will incur a 15% surcharge.

This proposal is valid for 60 days.

Task budgets are estimates and may be used interchangeably as needed but not to exceed the budget total. Any additional services requested outside this scope will be provided under separate contract addenda for additional fees. Invoices will be submitted monthly based on the percentage of work completed. All invoices shall be due and payable upon receipt. If invoices remain unpaid after 30 days, work on project may cease and interest of 1.5% per month shall be charged on unpaid balances.

Charges for deliveries, printing, copying, mileage, postage, outside services, and for coordination of other services not specifically listed in the scope of work (Reimbursable Expenses), will be billed on a time and material basis, in accordance with our Schedule of Fees in addition to the amounts shown above. Checking and/or filing fees are not included in this contract, and shall be paid by the client directly to the appropriate governmental agency.



Fee Schedule

CLASSIFICATION

| <u>Engineers/Project Managers/Planners/Scientists/ Assessment/Special Tax Consultants/Landscape Architects/Designers</u> | <u>Rates</u> <u>\$/Hour</u> |
|--|--------------------------------|
| Principal II | 312.00 |
| Principal I | 298.00 |
| Senior III | 280.00 |
| Senior II | 267.00 |
| Senior I | 258.00 |
| Associate III | 240.00 |
| Associate II | 229.00 |
| Associate I | 217.00 |
| Assistant V | 196.00 |
| Assistant IV | 176.00 |
| Assistant III | 163.00 |
| Assistant II | 147.00 |
| Assistant I | 130.00 |
| <u>Survey Services</u> | |
| 2-Person Survey Party | 326.00 |
| 1-Person Survey Party | 234.00 |
| <u>Inspection Services</u> | |
| Construction Manager II | 280.00 |
| Construction Manager I | 200.00 |
| Inspector (Non-Prevailing Wage) | 141.00 |
| Inspector Overtime (Non-Prevailing Wage) | 190.00 |
| Inspector (Prevailing Wage) | 152.00 |
| Inspector Overtime (Prevailing Wage)..... | 200.00 |
| <u>Administrative Services</u> | |
| Project Coordinator | 141.00 |
| Administrative Assistant III | 120.00 |
| Administrative Assistant II | 107.00 |
| Administrative Assistant I | 85.00 |
| <u>Other Direct Expenses</u> | |
| Incidental Charges | Cost + 15% |
| Postage | Cost |
| Subcontracted Services | Cost + 15% |
| Special Consultant..... | 385.00 |
| Survey/Inspection Per Diem | Prevailing Wage Rate |
| In-House Delivery Up to 1/2 hour | 36.00 |
| In-House Delivery 1/2 Hour up to 1 Hour | 70.00 |
| In-House Delivery Over 1 Hour up to 2 Hours | 130.00 |
| In-House Delivery Over 2 Hours | 185.00 |
| Survey/Inspection Vehicle | 0.81/Mile |
| Mileage | 0.72/Mile |

Note: All rates are subject to change based on annual inflation and cost of living adjustments. Prevailing wages are dictated by the California Department of Industrial Relations (DIR). As such, the indicated rate will remain in effect until revised rates are published by the DIR. The rate shown shall be subject to renegotiation to remain in compliance with State requirements if prevailing wages are increased by the DIR.

* **A FINANCE CHARGE** of 1 ½ % per month (18% per year) will be added to any unpaid amount commencing thirty (30) days from invoice date. A mechanic's lien may be filed for any invoice remaining unpaid after thirty (30) days from invoice date.

Rubidoux Community Services District
Water Fund Budget

| | Actual YTD March 2024 | Annual Budget 2023/2024 ^[1] | Projected Year End 2023/2024 | Favorable (Unfavorable) Variance | Audited 2022/2023 | Adopted Budget 2024/2025 |
|--|-----------------------------|--|------------------------------------|--|----------------------|--------------------------------|
| Operating Income | | | | | | |
| 1 Sales - Residential | \$ 3,953,864 | \$ 6,109,000 | \$ 5,453,864 | \$ (655,136) | \$ 4,357,505 | \$ 6,559,000 |
| 2 Sales - Commercial | 1,169,205 | 2,037,000 | 1,409,205 | (627,795) | 1,698,901 | 2,186,000 |
| 3 Sales - Late Charges | 68,255 | 76,000 | 91,006 | 15,006 | 75,034 | 92,000 |
| 4 Sales - Service Charges | 3,777 | 6,000 | 5,036 | (964) | 6,017 | 6,000 |
| 5 Sales - Reconnect Charge | 24,550 | 29,000 | 32,733 | 3,733 | 28,750 | 33,000 |
| 6 Sales - Meters | 11,570 | 95,000 | 15,427 | (79,573) | 83,195 | 95,000 |
| 7 Sales - Jumper Income | - | 34,000 | - | (34,000) | 32,000 | 34,000 |
| 8 Sales - JCSD | - | - | - | - | 538,118 | - |
| Total Operating Income | 5,231,220 | 8,386,000 | 7,007,270 | (1,378,730) | 6,819,520 | 9,005,000 |
| Other Income | | | | | | |
| 9 Interest Income | 208,717 | 293,000 | 421,449 | 128,449 | 257,922 | 421,000 |
| 10 Miscellaneous Revenue | 6,889 | 10,000 | 9,186 | (814) | 305,599 | 10,000 |
| 11 Interest Income: Non-Operational | 51,209 | 54,000 | 107,327 | 53,327 | 64,983 | 107,000 |
| 12 Grant Income: Cal OES (LHMP) | - | 160,000 | - | (160,000) | - | 43,875 |
| 13 Non-Operating Commercial Revenue | - | - | - | - | 428,993 | - |
| Total Other Income | 266,815 | 517,000 | 537,961 | 20,961 | 1,057,497 | 581,875 |
| TOTAL WATER REVENUE | \$ 5,498,035 | \$ 8,903,000 | \$ 7,545,231 | \$ (1,357,769) | \$ 7,877,018 | \$ 9,586,875 |
| Operating Expense | | | | | | |
| 14 Pump Energy Costs | \$ 440,200 | \$ 536,000 | \$ 586,933 | \$ (50,933) | \$ 570,609 | \$ 605,000 |
| 15 Water Analyses | 145,720 | 243,000 | 194,293 | 48,707 | 228,175 | 243,000 |
| 16 Bad Debt Expense: Wtr | - | 22,000 | 9,000 | - | 12,135 | 15,000 |
| 17 R & M Vehicle | 22,839 | 23,000 | 30,452 | (7,452) | 29,286 | 31,000 |
| 18 R & M Equipment, Heavy | 21,018 | 46,000 | 28,024 | 17,976 | 48,337 | 29,000 |
| 19 R & M Water System (includes asphalt) | 395,314 | 304,000 | 507,789 | (203,789) | 409,762 | 523,000 |
| 20 R & M Office | 4,879 | 11,000 | 6,505 | 4,495 | 9,575 | 7,000 |
| 21 R & M Anita B. Smith Plant | - | 100,000 | - | 100,000 | - | - |
| 22 Operating Expense | 163,602 | 516,000 | 318,137 | 197,863 | 267,120 | 428,000 |
| 23 Op/Maint Wellhd Treat Facility (N03 Plt) | 281,078 | 324,000 | 374,770 | (50,770) | 299,373 | 436,000 |
| 24 Operating Expense: Treatment Media | 865,923 | 1,250,000 | 905,923 | 344,077 | 189,376 | 1,000,000 |
| 25 General Supplies & Expenses | 5,121 | 24,000 | 6,828 | 17,172 | 10,082 | 7,000 |
| 26 Bank Service Charges | 95,476 | 122,000 | 127,301 | (5,301) | 120,488 | 131,000 |
| 27 Chemical/Mineral Supplies | 30,990 | 36,000 | 41,320 | (5,320) | 32,089 | 43,000 |
| 28 Regulatory Fee/State | 8,694 | 40,000 | 23,219 | 16,781 | 43,182 | 24,000 |
| 29 Clothing/Shoe Expense | 11,779 | 12,000 | 15,706 | (3,706) | 10,843 | 17,000 |
| 30 Employee Education and Training | 12,965 | 25,000 | 17,286 | 7,714 | 15,972 | 25,000 |
| 31 Utilities | 2,043 | 3,000 | 2,724 | 276 | 2,781 | 3,000 |
| 32 Telephone | 2,769 | 4,000 | 3,692 | 308 | 3,528 | 4,000 |
| 33 Dues & Subscriptions | 811 | 2,000 | 1,081 | 919 | 1,141 | 2,000 |
| 34 Licenses & Permits | 25,356 | 38,000 | 33,808 | 4,192 | 11,121 | 38,000 |
| 35 Mileage & Conference Expense | - | 5,000 | - | 5,000 | 1,345 | 5,000 |
| 36 Gasoline Expense | 50,682 | 71,000 | 67,576 | 3,424 | 73,144 | 70,000 |
| 37 Liability Insurance | 57,411 | 127,000 | 113,111 | 13,889 | 120,751 | 152,000 |
| 38 Attorney Fees | - | 5,000 | - | 5,000 | - | 5,000 |
| 39 Consulting Fees: Grant Support Services | 44,957 | 55,000 | 59,943 | (4,943) | 9,432 | 15,000 |
| 40 Consulting Fees: Cost of Svc Study(60%WF/40%SF) | 3,540 | - | 4,720 | (4,720) | 30,999 | - |
| 41 Consulting Fees: Utility/Rate | - | 15,000 | - | 15,000 | - | 15,000 |
| 42 Consulting Fees: Safety (50%WF/50%SF) | - | 15,000 | - | 15,000 | - | - |
| 43 Consulting Fees: LHMP (75%WF/25%SF) | - | 178,000 | - | 178,000 | - | 48,750 |
| 44 Consulting Fees: Valve Turning Program | - | 15,000 | - | 15,000 | 5,814 | 15,000 |
| 45 Consulting Fees: SCADA Eval. & Impl. | - | - | - | - | - | - |
| 46 Consulting Fees: Operator Training/SOPs | 52,605 | 119,000 | 52,605 | 66,395 | 153,063 | 40,000 |
| 47 Consulting Fees: Lead and Copper Service Line Inventory | - | 31,000 | - | 31,000 | - | 31,000 |
| 48 Consulting Fees: Urban Water Management Plan update | - | - | - | - | - | 20,000 |
| 49 Consulting Fees: Leppa | - | 7,000 | 7,000 | - | - | - |
| 50 Consulting Fees: Drought, Cons., Water Loss/Eff. | - | 45,000 | 15,000 | 30,000 | 15,000 | 45,000 |
| 51 Mission Blvd. Mainline Flushing and Facilities | - | 80,000 | - | 80,000 | - | 80,000 |
| 52 Engineering Fees: WTR | 110,404 | 150,000 | 147,206 | 2,794 | 186,581 | 180,000 |
| 53 Engineering Fees: Master Plans | 16,794 | - | 16,794 | (16,794) | 12,400 | - |

6. **CORRESPONDENCE AND RELATED INFORMATION**

7. **REPORTS**

A. Operations Report (Second Meeting Each Month)

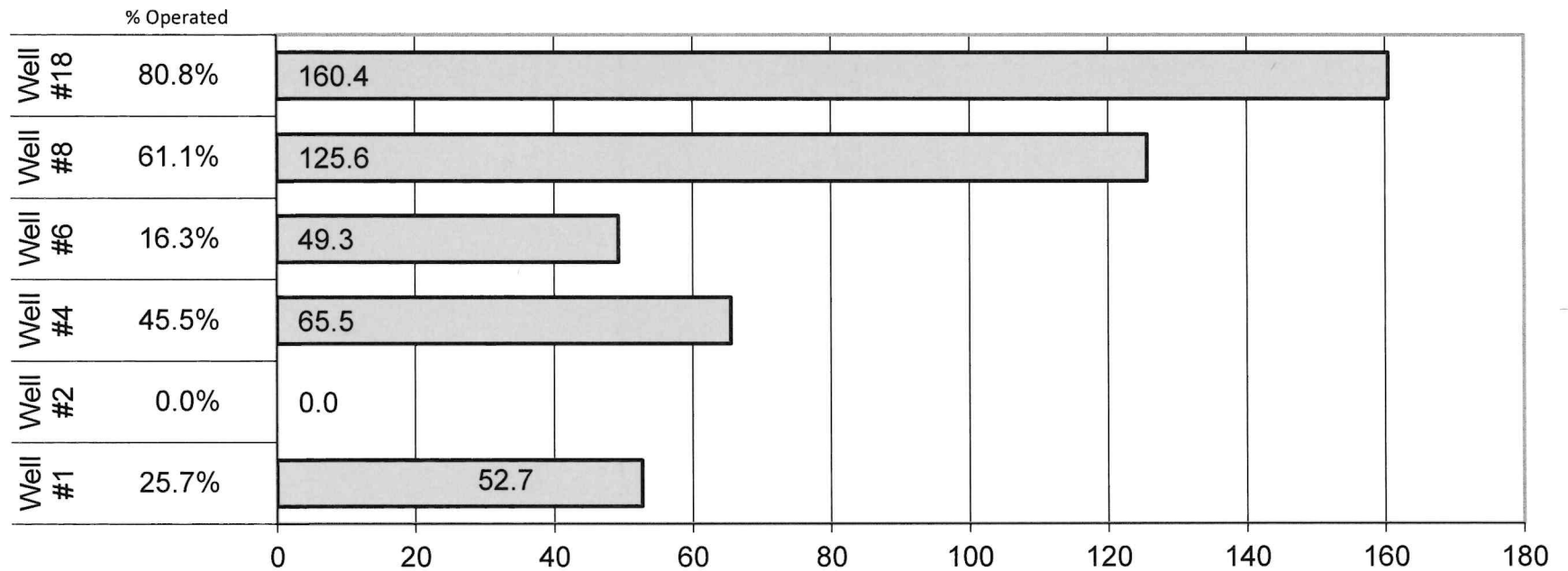
Water and Wastewater Production Comparison

| Date | TOTAL WELL PRODUCTION in Million Gallons | | | | | Consumption to | WASTEWATER |
|-----------|--|---------|---------|-------------|--------|-------------------|-------------------|
| | Purchased | Potable | Potable | Non-Potable | Total | JURUPA C.S.D. | FLOW TO |
| | | Wells | Total | Wells | | (Million Gallons) | RIVERSIDE |
| | | | | | | (Million Gallons) | (Million Gallons) |
| 7/1/2024 | 0.00 | 4.07 | 4.07 | 0.00 | 4.08 | 0.00 | 1.71 |
| 7/2/2024 | 0.00 | 5.13 | 5.13 | 0.00 | 5.14 | 0.00 | 1.81 |
| 7/3/2024 | 0.00 | 4.90 | 4.90 | 0.01 | 4.91 | 0.00 | 1.80 |
| 7/4/2024 | 0.00 | 5.25 | 5.25 | 0.01 | 5.26 | 0.00 | 1.80 |
| 7/5/2024 | 0.00 | 4.74 | 4.74 | 0.01 | 4.75 | 0.00 | 1.76 |
| 7/6/2024 | 0.00 | 5.27 | 5.27 | 0.00 | 5.27 | 0.00 | 1.74 |
| 7/7/2024 | 0.00 | 5.27 | 5.27 | 0.01 | 5.28 | 0.00 | 1.79 |
| 7/8/2024 | 0.00 | 5.21 | 5.21 | 0.01 | 5.22 | 0.00 | 1.75 |
| 7/9/2024 | 0.00 | 4.51 | 4.51 | 0.00 | 4.51 | 0.00 | 1.79 |
| 7/10/2024 | 0.00 | 5.38 | 5.38 | 0.01 | 5.38 | 0.00 | 1.80 |
| 7/11/2024 | 0.00 | 4.11 | 4.11 | 0.01 | 4.11 | 0.00 | 1.71 |
| 7/12/2024 | 0.00 | 4.91 | 4.91 | 0.01 | 4.92 | 0.00 | 1.76 |
| 7/13/2024 | 0.00 | 4.64 | 4.64 | 0.00 | 4.64 | 0.00 | 1.81 |
| 7/14/2024 | 0.00 | 4.83 | 4.83 | 0.01 | 4.84 | 0.00 | 1.81 |
| 7/15/2024 | 0.00 | 4.86 | 4.86 | 0.01 | 4.87 | 0.00 | 1.78 |
| 7/16/2024 | 0.00 | 4.05 | 4.05 | 0.01 | 4.06 | 0.00 | 1.84 |
| 7/17/2024 | 0.00 | 3.90 | 3.90 | 0.01 | 3.91 | 0.00 | 1.79 |
| 7/18/2024 | 0.00 | 4.69 | 4.69 | 0.01 | 4.69 | 0.00 | 1.74 |
| 7/19/2024 | 0.00 | 4.57 | 4.57 | 0.01 | 4.58 | 0.00 | 1.78 |
| 7/20/2024 | 0.00 | 4.77 | 4.77 | 0.00 | 4.77 | 0.00 | 1.72 |
| 7/21/2024 | 0.00 | 4.45 | 4.45 | 0.01 | 4.46 | 0.00 | 1.76 |
| 7/22/2024 | 0.00 | 5.06 | 5.06 | 0.00 | 5.06 | 0.00 | 1.84 |
| 7/23/2024 | 0.00 | 4.85 | 4.85 | 0.01 | 4.85 | 0.00 | 1.73 |
| 7/24/2024 | 0.00 | 4.26 | 4.26 | 0.01 | 4.27 | 0.00 | 1.74 |
| 7/25/2024 | 0.00 | 5.61 | 5.61 | 0.01 | 5.62 | 0.00 | 1.83 |
| 7/26/2024 | 0.00 | 4.35 | 4.35 | 0.01 | 4.35 | 0.00 | 1.74 |
| 7/27/2024 | 0.00 | 4.83 | 4.83 | 0.00 | 4.83 | 0.00 | 1.67 |
| 7/28/2024 | 0.00 | 4.37 | 4.37 | 0.01 | 4.38 | 0.00 | 1.69 |
| 7/29/2024 | 0.00 | 4.49 | 4.49 | 0.01 | 4.50 | 0.00 | 1.76 |
| 7/30/2024 | 0.00 | 5.87 | 5.87 | 0.00 | 5.88 | 0.00 | 1.75 |
| 7/31/2024 | 0.00 | 3.66 | 3.66 | 0.00 | 3.66 | 0.00 | 1.79 |
| MINIMUM | 0.00 | 3.66 | 3.66 | 0.00 | 3.66 | 0.00 | 1.67 |
| AVERAGE | 0.00 | 4.74 | 4.74 | 0.01 | 4.74 | 0.00 | 1.77 |
| MAXIMUM | 0.00 | 5.87 | 5.87 | 0.01 | 5.88 | 0.00 | 1.84 |
| TOTAL | 0.00 | 146.85 | 146.85 | 0.19 | 147.04 | 0.00 | 54.78 |

RUBIDOUX COMMUNITY SERVICES DISTRICT
MONTHLY WELL PRODUCTION
(Million Gallons)

| DATE | POTABLE WATER | | | | | | | NONPOTABLE WATER | | | | | TOTALS | | TOTAL PROD. (MG) |
|--------------|---------------|---------------------|------------------------|---------------------|---------------|---------------------|---------------|------------------|--------------|---------------|---------------|----------------------|----------------|------------------|------------------|
| | JURUPA | GAC Plt | Nitrate Removal Plt | | Thompson WTF | | | 28th ST. | DALY | CLEMENT | 46th ST. | Mission | POTABLE (MG) | NON POTABLE (MG) | |
| | TIE-IN (MG) | TROYER Well #2 (MG) | FLEETWOOD Well #4 (MG) | SKOTTY Well #6 (MG) | Well #1A (MG) | GOULD Well #8A (MG) | Well #18 (MG) | Well #3 (MG) | Well #7 (MG) | Well #11 (MG) | Well #14 (MG) | Wells #19 & #20 (MG) | | | |
| 7/1/2024 | 0.00 | 0.00 | 0.95 | 0.43 | 0.00 | 1.59 | 1.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.07 | 0.00 | 4.08 |
| 7/2/2024 | 0.00 | 0.00 | 0.78 | 0.53 | 0.00 | 1.70 | 2.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.13 | 0.00 | 5.14 |
| 7/3/2024 | 0.00 | 0.00 | 0.36 | 0.68 | 1.88 | 0.45 | 1.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.90 | 0.01 | 4.91 |
| 7/4/2024 | 0.00 | 0.00 | 0.00 | 0.51 | 2.78 | 0.00 | 1.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.25 | 0.01 | 5.26 |
| 7/5/2024 | 0.00 | 0.00 | 0.00 | 0.54 | 2.81 | 0.00 | 1.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.74 | 0.01 | 4.75 |
| 7/6/2024 | 0.00 | 0.00 | 0.03 | 0.35 | 3.11 | 0.00 | 1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.27 | 0.00 | 5.27 |
| 7/7/2024 | 0.00 | 0.00 | 0.00 | 0.51 | 2.71 | 0.00 | 2.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.27 | 0.01 | 5.28 |
| Subtotal | 0.00 | 0.00 | 2.12 | 3.55 | 13.29 | 3.74 | 11.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 34.64 | 0.04 | 34.68 |
| 7/8/2024 | 0.00 | 0.00 | 0.42 | 0.65 | 2.69 | 0.00 | 1.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.21 | 0.01 | 5.22 |
| 7/9/2024 | 0.00 | 0.00 | 0.46 | 0.62 | 0.33 | 1.27 | 1.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.51 | 0.00 | 4.51 |
| 7/10/2024 | 0.00 | 0.00 | 0.83 | 0.57 | 0.06 | 1.87 | 2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.38 | 0.01 | 5.38 |
| 7/11/2024 | 0.00 | 0.00 | 0.65 | 0.44 | 0.00 | 1.51 | 1.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.11 | 0.01 | 4.11 |
| 7/12/2024 | 0.00 | 0.00 | 0.75 | 0.51 | 0.00 | 1.87 | 1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.91 | 0.01 | 4.92 |
| 7/13/2024 | 0.00 | 0.00 | 0.60 | 0.36 | 0.00 | 1.74 | 1.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.64 | 0.00 | 4.64 |
| 7/14/2024 | 0.00 | 0.00 | 0.65 | 0.39 | 0.00 | 1.73 | 2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.83 | 0.01 | 4.84 |
| Subtotal | 0.00 | 0.00 | 4.34 | 3.54 | 3.08 | 9.98 | 12.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 33.57 | 0.04 | 33.62 |
| 7/15/2024 | 0.00 | 0.00 | 0.92 | 0.55 | 0.00 | 1.69 | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.86 | 0.01 | 4.87 |
| 7/16/2024 | 0.00 | 0.00 | 0.87 | 0.53 | 0.00 | 1.50 | 1.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.05 | 0.01 | 4.06 |
| 7/17/2024 | 0.00 | 0.00 | 1.57 | 0.95 | 0.35 | 0.11 | 0.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 3.90 | 0.01 | 3.91 |
| 7/18/2024 | 0.00 | 0.00 | 0.84 | 0.50 | 0.00 | 1.78 | 1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.69 | 0.01 | 4.69 |
| 7/19/2024 | 0.00 | 0.00 | 1.50 | 0.90 | 0.00 | 1.66 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.57 | 0.01 | 4.58 |
| 7/20/2024 | 0.00 | 0.00 | 0.57 | 0.34 | 0.00 | 1.79 | 2.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.77 | 0.00 | 4.77 |
| 7/21/2024 | 0.00 | 0.00 | 0.72 | 0.41 | 0.00 | 1.78 | 1.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.45 | 0.01 | 4.46 |
| Subtotal | 0.00 | 0.00 | 6.99 | 4.17 | 0.35 | 10.32 | 9.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 31.29 | 0.05 | 31.34 |
| 7/22/2024 | 0.00 | 0.00 | 0.73 | 0.46 | 0.00 | 1.84 | 2.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.06 | 0.00 | 5.06 |
| 7/23/2024 | 0.00 | 0.00 | 0.91 | 0.58 | 0.00 | 1.74 | 1.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.85 | 0.01 | 4.85 |
| 7/24/2024 | 0.00 | 0.00 | 0.79 | 0.44 | 0.00 | 1.50 | 1.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.26 | 0.01 | 4.27 |
| 7/25/2024 | 0.00 | 0.00 | 1.32 | 0.54 | 0.00 | 1.75 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.61 | 0.01 | 5.62 |
| 7/26/2024 | 0.00 | 0.00 | 0.35 | 0.47 | 0.00 | 1.77 | 1.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.35 | 0.01 | 4.35 |
| 7/27/2024 | 0.00 | 0.00 | 0.68 | 0.41 | 0.00 | 1.75 | 1.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.83 | 0.00 | 4.83 |
| 7/28/2024 | 0.00 | 0.00 | 0.56 | 0.34 | 0.00 | 1.58 | 1.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.37 | 0.01 | 4.38 |
| 7/29/2024 | 0.00 | 0.00 | 0.36 | 0.21 | 0.46 | 1.64 | 1.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 4.49 | 0.01 | 4.50 |
| 7/30/2024 | 0.00 | 0.00 | 1.30 | 0.78 | 0.00 | 1.86 | 1.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.87 | 0.00 | 5.88 |
| 7/31/2024 | 0.00 | 0.00 | 0.00 | 0.56 | 0.00 | 1.46 | 1.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.66 | 0.00 | 3.66 |
| Subtotal | 0.00 | 0.00 | 6.99 | 4.79 | 0.46 | 16.88 | 18.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 47.34 | 0.06 | 47.40 |
| TOTAL | 0.000 | 0.000 | 20.424 | 16.056 | 17.176 | 40.917 | 52.275 | 0.000 | 0.000 | 0.000 | 0.000 | 0.189 | 146.848 | 0.189 | 147.037 |

TOTAL WATER PRODUCED w/ % Operated July 2024

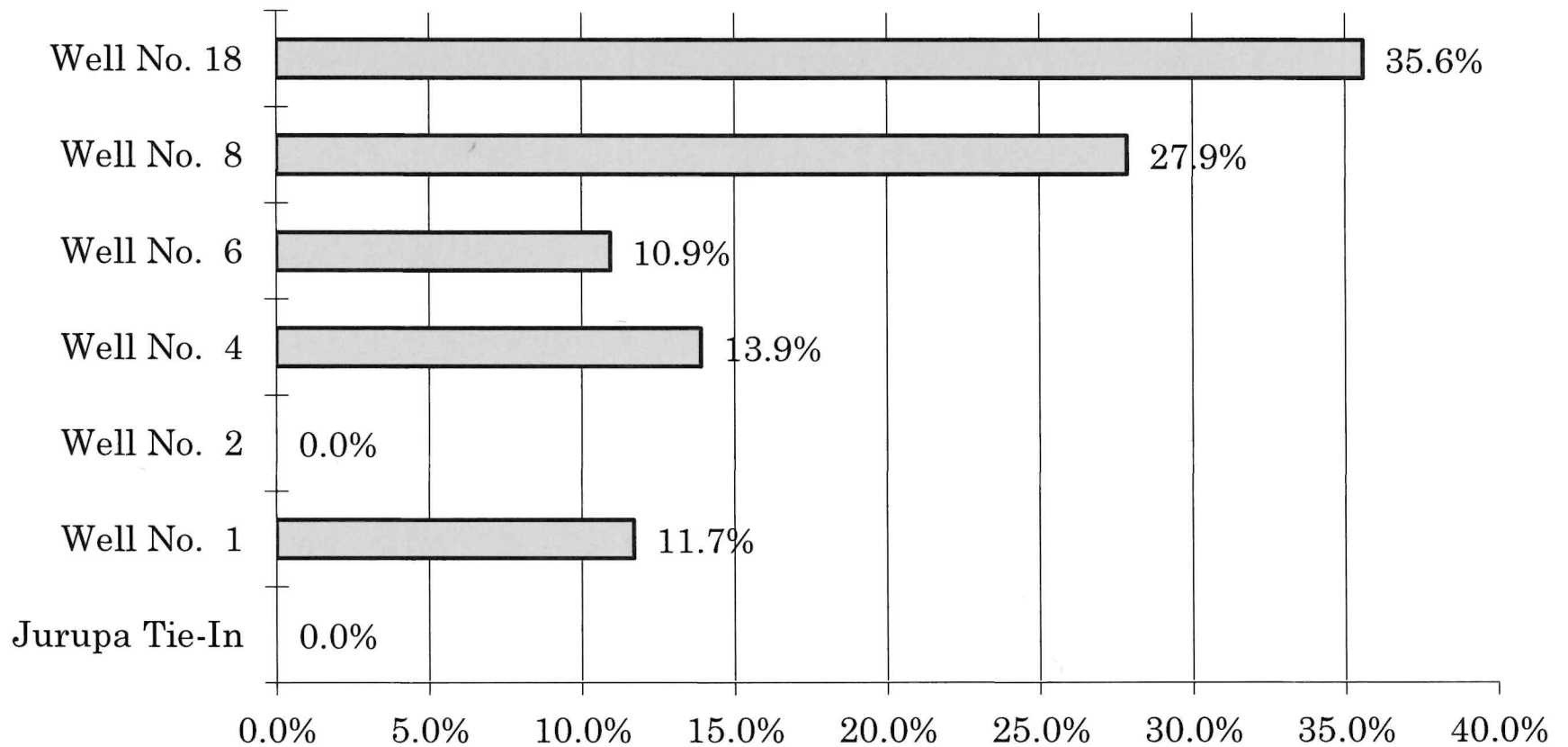


Max Production **1171.4 AF**
 Monthly Production **579.3 AF**
 Reserve Production **592.1 AF**

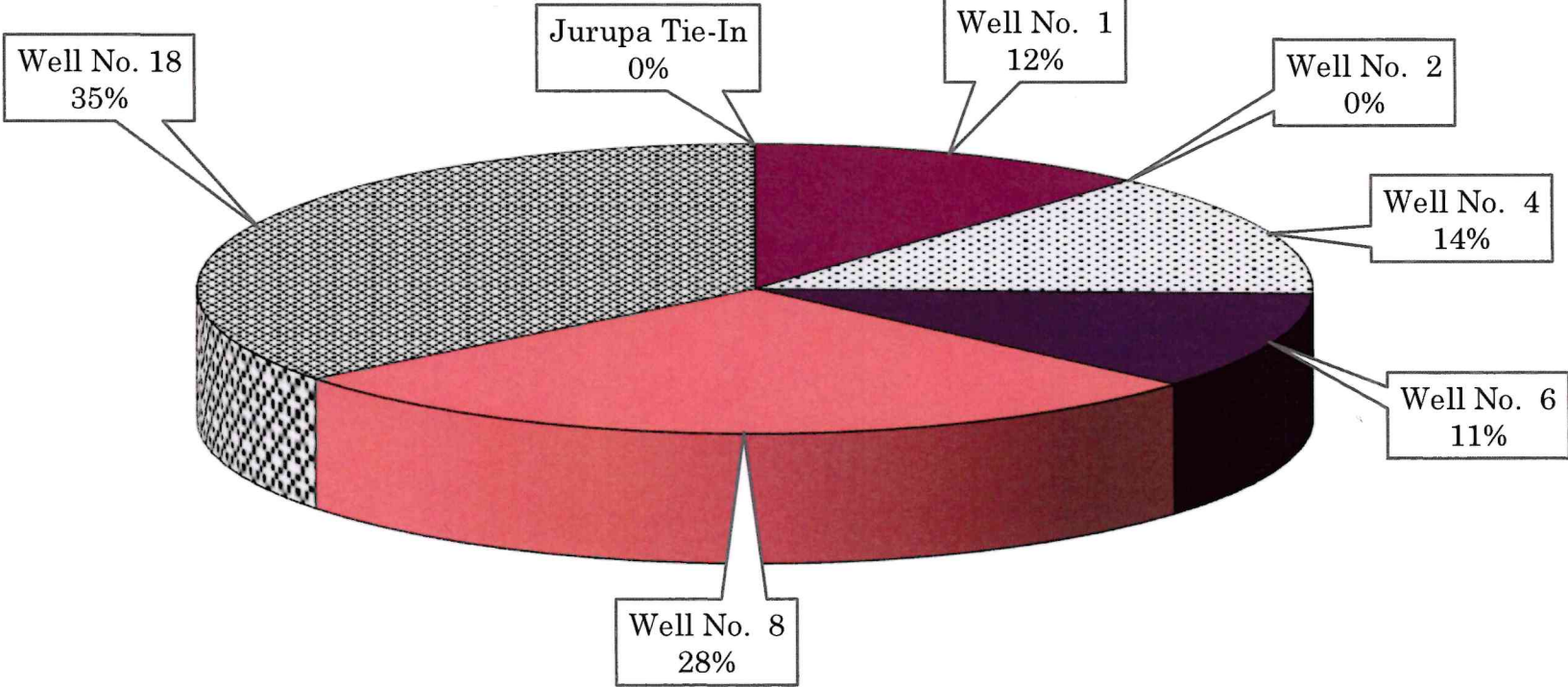
ACRE FEET

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

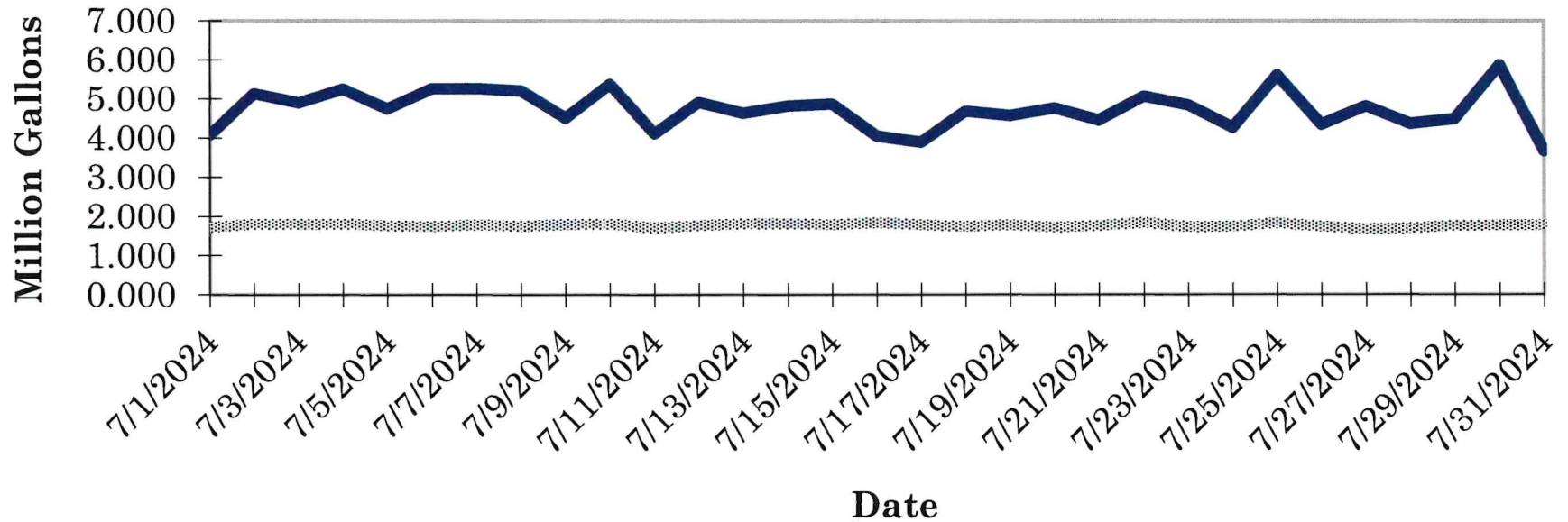
Source Potable Production Comparison July 2024



Source Potable Production Comparison July 2024

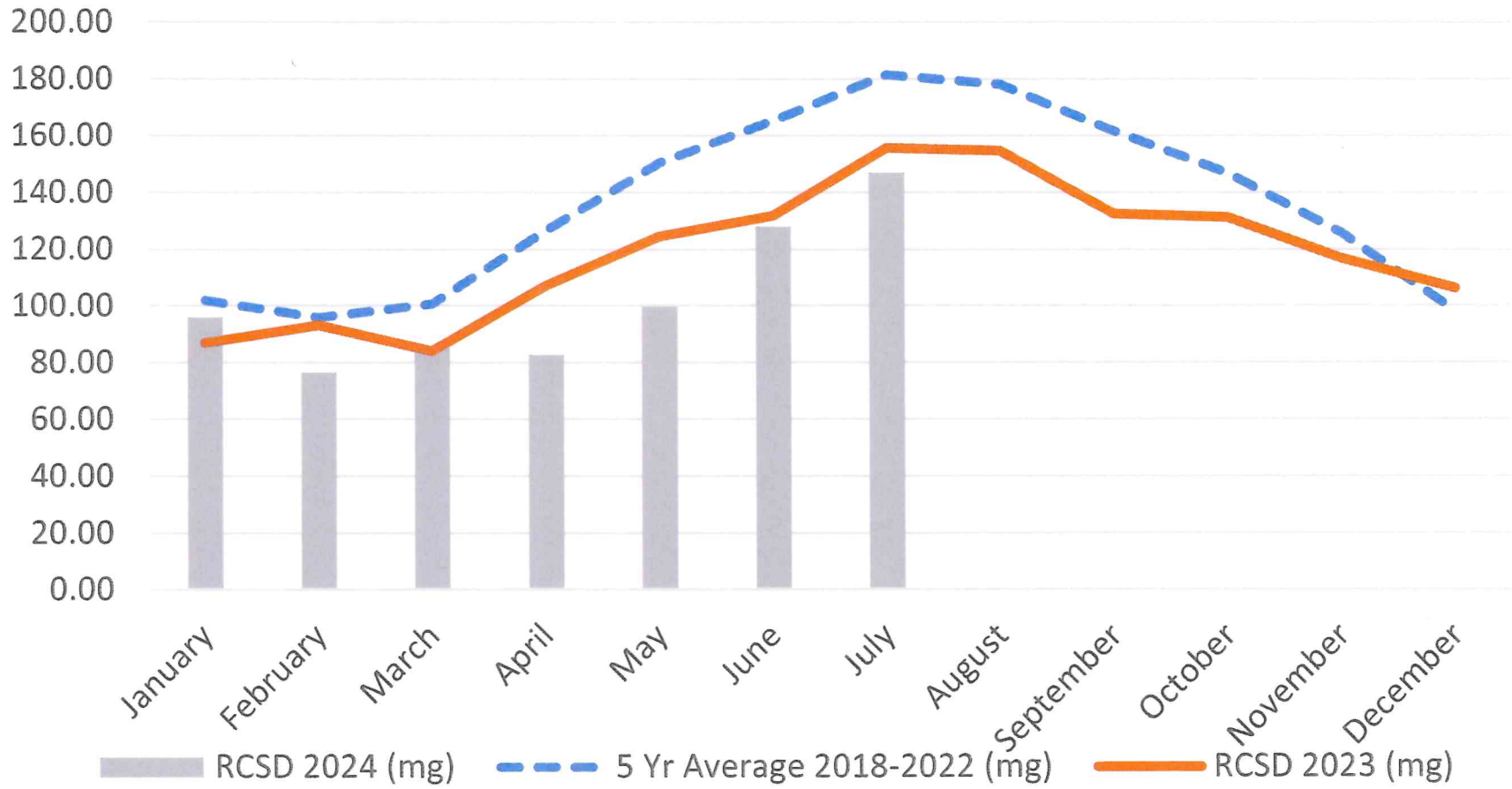


Potable Water & Wastewater Comparison July 2024



— Potable Water Prod. ··········· Wastewater Prod.

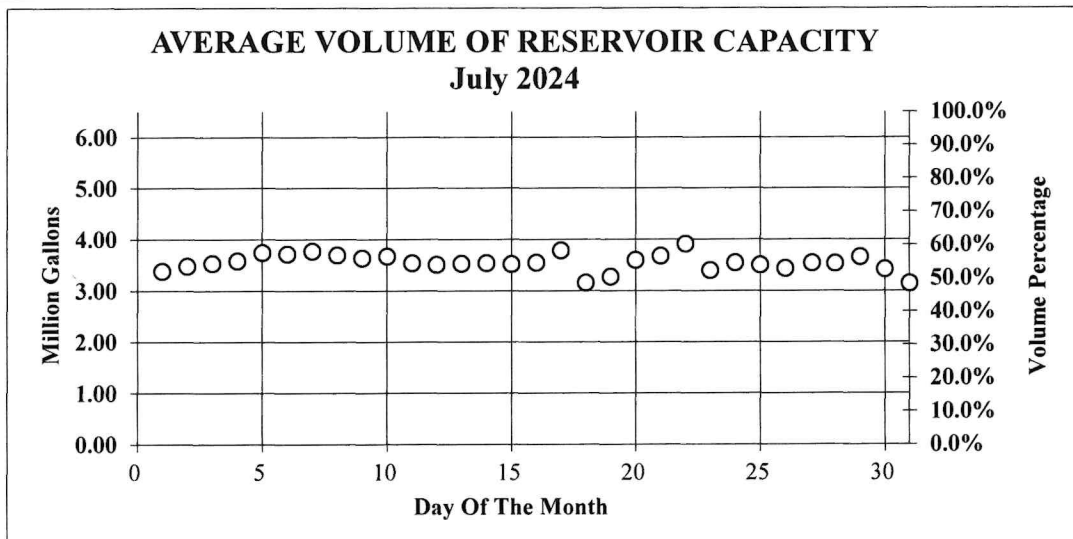
Potable Water Production Year 2024



RUBIDOUX COMMUNITY SERVICES DISTRICT

Reservoir Capacity Report

| CAPACITY | ATKINSON SYSTEM | | HUNTER SYSTEM | | WATER AVAILABLE (Gallons)* | PERCENTAGE OF TOTAL CAPACITY |
|-----------|-----------------|-----------|---------------|-----------|-------------------------------|------------------------------------|
| | 2,000,000 | 3,000,000 | 425,000 | 1,000,000 | | |
| DATE | ATKINSON | WATSON | HUNTER I | PERRONE | | |
| 7/1/2024 | 71.3 | 65.2 | | | 3,381,420 | 52.6% |
| 7/2/2024 | 72.0 | 68.0 | | | 3,478,340 | 54.1% |
| 7/3/2024 | 74.1 | 68.3 | | | 3,529,570 | 54.9% |
| 7/4/2024 | 74.5 | 69.5 | | | 3,576,140 | 55.7% |
| 7/5/2024 | 78.6 | 72.3 | | | 3,741,900 | 58.2% |
| 7/6/2024 | 78.2 | 71.5 | | | 3,710,280 | 57.7% |
| 7/7/2024 | 79.1 | 72.8 | | | 3,764,990 | 58.6% |
| 7/8/2024 | 77.7 | 71.2 | | | 3,690,700 | 57.4% |
| 7/9/2024 | 76.3 | 70.2 | | | 3,631,980 | 56.5% |
| 7/10/2024 | 76.9 | 71.0 | | | 3,667,460 | 57.1% |
| 7/11/2024 | 73.9 | 68.6 | | | 3,535,600 | 55.0% |
| 7/12/2024 | 73.2 | 68.0 | | | 3,504,930 | 54.6% |
| 7/13/2024 | 73.5 | 68.4 | | | 3,521,800 | 54.8% |
| 7/14/2024 | 74.1 | 68.3 | | | 3,532,860 | 55.0% |
| 7/15/2024 | 73.9 | 68.0 | | | 3,518,400 | 54.8% |
| 7/16/2024 | 74.2 | 68.6 | | | 3,541,130 | 55.1% |
| 7/17/2024 | 78.4 | 73.6 | | | 3,776,640 | 58.8% |
| 7/18/2024 | 63.6 | 62.7 | | | 3,153,790 | 49.1% |
| 7/19/2024 | 65.9 | 65.0 | | | 3,266,370 | 50.8% |
| 7/20/2024 | 74.2 | 70.3 | | | 3,594,010 | 55.9% |
| 7/21/2024 | 76.6 | 71.3 | | | 3,670,960 | 57.1% |
| 7/22/2024 | 81.5 | 75.9 | | | 3,905,140 | 60.8% |
| 7/23/2024 | 70.8 | 65.8 | | | 3,389,610 | 52.8% |
| 7/24/2024 | 74.1 | 68.7 | | | 3,543,230 | 55.1% |
| 7/25/2024 | 72.9 | 68.0 | | | 3,497,990 | 54.4% |
| 7/26/2024 | 71.2 | 66.7 | | | 3,426,460 | 53.3% |
| 7/27/2024 | 73.8 | 68.7 | | | 3,536,090 | 55.0% |
| 7/28/2024 | 74.0 | 68.3 | | | 3,528,420 | 54.9% |
| 7/29/2024 | 76.7 | 70.6 | | | 3,653,160 | 56.9% |
| 7/30/2024 | 71.6 | 66.2 | | | 3,418,250 | 53.2% |
| 7/31/2024 | 64.7 | 61.6 | | | 3,141,720 | 48.9% |



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

7. **REPORTS** (continued)

B. Emergency and Incident Report (Second Meeting Each Month)



Riverside County Fire Department
 Office of the Fire Marshal
 Rubidoux Community Services District
 3590 Rubidoux Blvd
 Rubidoux, CA 92509
 Bus (951) 684-7580



Monthly Activity Report

JULY 2024

| <i>Activity</i> | <i>Total</i> |
|--|--------------|
| Total Number of Plan Reviews Completed | 0 |
| Plan Review Turnaround Time <i>(Goal is 15 Days)</i> | 0 |
| Total Number of Construction Inspections Conducted | 0 |
| Inspection Turnaround Time <i>(Goal is within 3 Days of Contact)</i> | 0 |
| Total Number of Annual Fire Inspections Conducted <i>(Including Reinspections)</i> | 80 |
| Number of Weed Abatement Inspections Performed | 0 |
| Planning & Development Meetings Attended | 0 |
| Planning & Development Cases Reviewed | 0 |
| Special Event Meetings | 0 |
| Special Event Inspections | 0 |
| Complaints | 2 |
| 850 Inspections | 0 |
| School Inspections | 3 |
| | |

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

8/1/2024

Report Provided By: Riverside County Fire Department

Communications and Technology Division

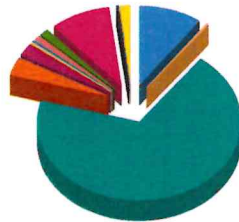
GIS Section

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

Incidents Reported for the month of July 2024 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)
*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

Response Activity

Incidents Reported for the month of July 2024 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)



| | | |
|-----------------------|------------|---------------|
| False Alarm | 29 | 10.1% |
| Haz Mat | 1 | 0.3% |
| Medical | 199 | 69.1% |
| Other Fire | 10 | 3.5% |
| Public Service Assist | 7 | 2.4% |
| Res Fire | 1 | 0.3% |
| Rescue | 1 | 0.3% |
| Ringing Alarm | 3 | 1.0% |
| Standby | 4 | 1.4% |
| Traffic Collision | 27 | 9.4% |
| Vehicle Fire | 1 | 0.3% |
| Wildland Fire | 5 | 1.7% |
| Total | 288 | 100.0% |

| | |
|------------------------|------------|
| False Alarm | 29 |
| Haz Mat | 1 |
| Medical | 199 |
| Other Fire | 10 |
| Public Service Assist | 7 |
| Res Fire | 1 |
| Rescue | 1 |
| Ringing Alarm | 3 |
| Standby | 4 |
| Traffic Collision | 27 |
| Vehicle Fire | 1 |
| Wildland Fire | 5 |
| Incident Total: | 288 |

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 |
|------------|------------|-------------|-------------|---------|--------------|
| 204 | 55 | 21 | 2 | 4.5 | 70.8% |

*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

| | | | False Alarm | Haz Mat | Medical | Other Fire | Public Service Assist | Res Fire | Rescue | Ringing Alarm | Standby | Traffic Collision | Vehicle Fire | Wildland Fire | Total |
|---------------------|------------------------|------------------------|-------------|---------|---------|------------|-----------------------|----------|--------|---------------|---------|-------------------|--------------|---------------|-------|
| Battalion 14 | Station 16 Pedley | City of Jurupa Valley | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 |
| | | Station Total | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 |
| | Station 18 West | City of Jurupa Valley | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 1 | 15 |
| | | Station Total | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 1 | 16 |
| | Station 38 Rubidoux | City of Jurupa Valley | 27 | 1 | 188 | 10 | 7 | 1 | 1 | 3 | 3 | 22 | 1 | 4 | 268 |
| | | Station Total | 27 | 1 | 188 | 10 | 7 | 1 | 1 | 3 | 3 | 22 | 1 | 4 | 268 |
| | | Battalion Total | 29 | 1 | 199 | 10 | 7 | 1 | 1 | 3 | 4 | 27 | 1 | 5 | 288 |
| | | Grand Total | 29 | 1 | 199 | 10 | 7 | 1 | 1 | 3 | 4 | 27 | 1 | 5 | 288 |

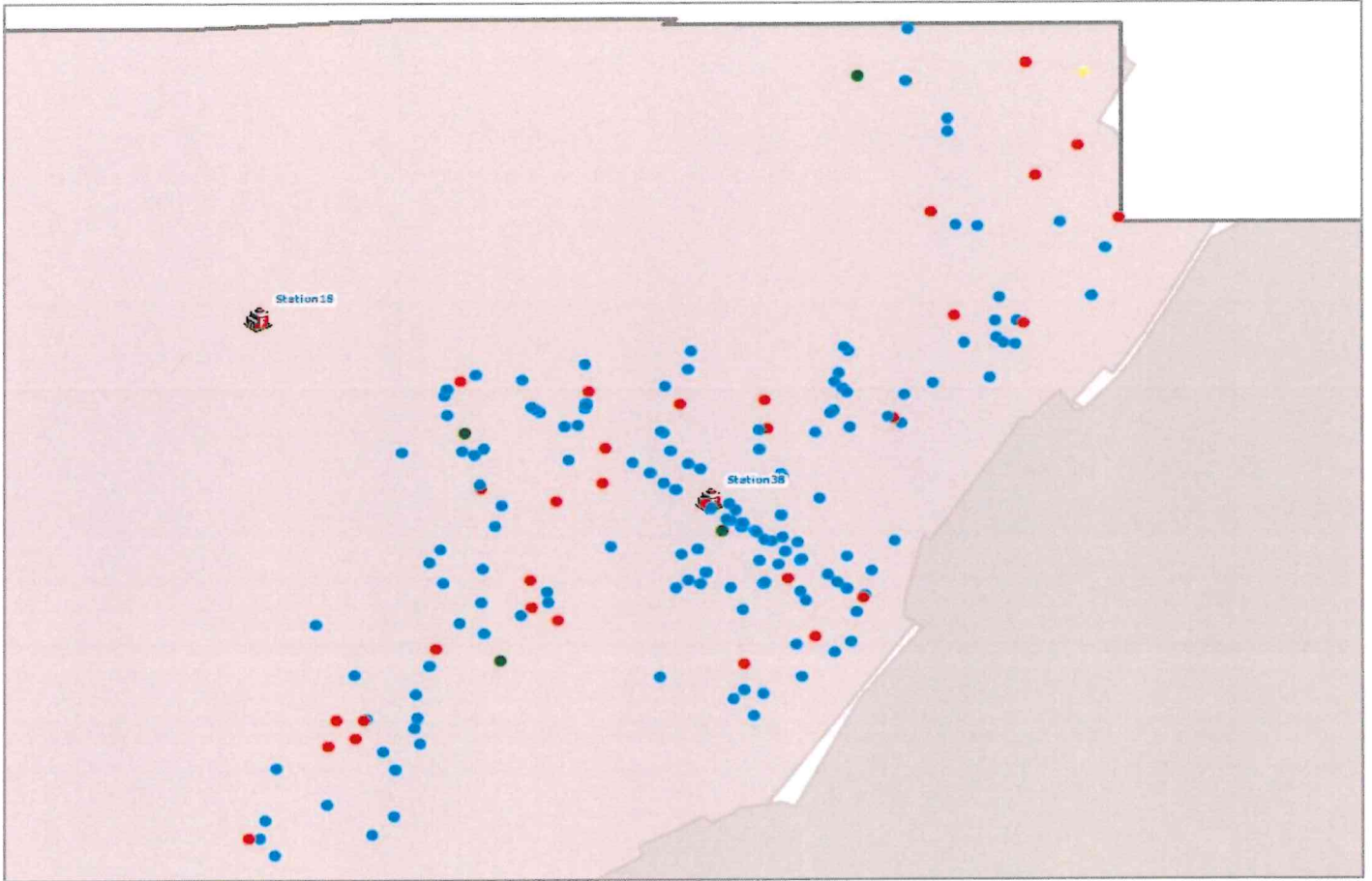
Incidents by Jurisdiction

| | False Alarm | Haz Mat | Medical | Other Fire | Public Service | Res Fire | Rescue | Ringin Alarm | Standby | Traffic Collision | Vehicle Fire | Wildland Fire | Total |
|-----------------------|-------------|----------|------------|------------|----------------|----------|----------|--------------|----------|-------------------|--------------|---------------|------------|
| City of Jurupa Valley | 29 | 1 | 199 | 10 | 7 | 1 | 1 | 3 | 4 | 27 | 1 | 5 | 288 |
| Grand Total | 29 | 1 | 199 | 10 | 7 | 1 | 1 | 3 | 4 | 27 | 1 | 5 | 288 |

Incidents by Supervisorial District - Summary

| | DISTRICT 2 KAREN SPIEGEL | Grand Total |
|-----------------------|-------------------------------------|------------------------|
| False Alarm | 29 | 29 |
| Haz Mat | 1 | 1 |
| Medical | 199 | 199 |
| Other Fire | 10 | 10 |
| Public Service Assist | 7 | 7 |
| Res Fire | 1 | 1 |
| Rescue | 1 | 1 |
| Ringin Alarm | 3 | 3 |
| Standby | 4 | 4 |
| Traffic Collision | 27 | 27 |
| Vehicle Fire | 1 | 1 |
| Wildland Fire | 5 | 5 |
| Total | 288 | 288 |

MONTH = 7 and YEAR = 2024 and SPECIAL = 'Rubidoux CSD'



Legend

- Fire
- Hazard
- Haz Mat
- Medical
- Other Misc
- PSA
- ▭ Riverside County
- ▨ Reservations
- 🚒 Fire Station
- 🎰 Casinos



Riverside County Fire GIS

Last Updated 8/1/2024 2:3

*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.

7. **REPORTS** (continued)

C. General Manager and Staff Reports / Updates

7. **REPORTS** (continued)

D. Committee Reports

8. ACTION / DISCUSSION ITEMS

- A. **DM 2024-67**: Consider At-Risk Development Agreement for Tract 38178
(Countryside Estates)

Rubidoux Community Services District

Board of Directors

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



General Manager

Brian R. Laddusaw

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

DIRECTORS MEMORANDUM 2024-67

August 15, 2024

To: Rubidoux Community Services District
 Board of Directors

Subject: Consider At-Risk Development Agreement for Tract 38178 (Countryside Estates)

BACKGROUND:

The Rubidoux Community Services District ("District") Board of Directors ("Board") adopted the current Design and Construction Manual ("Manual") in 2005. This Manual requires in Appendix "F" that the Tract Map for the development be approved by the City of Jurupa Valley ("City"), as successor to the County in 2011 when the City was incorporated and recorded with Riverside County Recorder's Office ("County Recorder").

Within the City and District, a tract of homes is under development by GDC-RCH Countryside, LP, ("Developer") which is Tract 38178. The project, currently called "Countryside Estates", includes a total of 31 detached single family residential lots and is located east between Riverview Drive and Limonite Frontage Road. The Tract Map for this development has not yet been approved by the City and therefore have not yet been recorded with the County Recorder. The Developer desires, however, to start construction on this project prior to approval and recording of the Tract Map. The City will soon permit the Developer to start grading the proposed streets and building pads and the next step in construction is to install the Water and Sewer Pipelines ("Pipelines").

As the District's Manual requires the Tract Map be recorded, technically the District cannot allow construction of the Pipelines at this time. Since the Manual is a legally adopted document by the Board, staff considers it appropriate to create an Agreement with the Developer to start construction and to bring the Agreement to the Board for approval before signing the Agreement. Similar agreements were considered and approved by the Board with different developers for Tract 37211 on March 21, 2024, pursuant to Directors Memorandum 2024-25 and Tracts 32721 and 36947, pursuant to Directors Memorandum 2024-45.

This Agreement is attached to this Director's Memorandum and includes provisions placing the Developer at their own risk in constructing the Pipelines in that the installation of the Pipelines does not create a vested

interest that the Tract Maps will be recorded in their present configuration and that if changes are made to the location of the streets wherein the Pipelines are placed the Developer will have to relocate the Pipelines at their own cost.

Coordination

As negotiations are still underway with the Developer on sewer extensions for the benefit of current Water customers for connection to the District sewer, the current agreement has DRAFT Water and Sewer Plans included. Staff will use the approved water and sewer plans in the final agreement to be circulated after these negotiations are complete and the Board has had the opportunity to consider the cost of construction of these extensions.

Staff has coordinated with GDC-RCH Countryside, LP (aka R.C. Hobbs, Developer) in the development of the attached Agreement and recommend the Board of Directors consider its approval. The previous agreements with similar language have been reviewed as to form by John Harper, District Council and Staff believes this agreement is therefore appropriate. This agreement differs, however, in that it recognizes the continuing negotiations between the Developer and District on the construction of the sewer extensions mentioned above as well as substituting the correct Developer's name and contact information for this project. These additional recitals have been reviewed by John Harper and have been found to be acceptable.

RECOMMENDATION:

Staff recommends the Board of Directors consider authorizing the General Manager to sign the agreement titled "AT RISK CONSTRUCTION AGREEMENT WATER AND SEWER SYSTEM IMPROVEMENTS TRACT NO. 38171 (Countryside Estates)" between the District and Developer and to substitute final approved water and sewer plans into the agreement when they are complete.

Respectfully,



BRIAN R. LADDUSAW
General Manager

Attachments:

AT RISK CONSTRUCTION AGREEMENT WATER AND SEWER SYSTEM IMPROVEMENTS TRACT NO. 38171 (Countryside Estates)" between the District and Developer. "Agreement" between the District and Developer

**AT RISK CONSTRUCTION AGREEMENT
WATER AND SEWER SYSTEM IMPROVEMENTS**

**TRACT NO. 38171 (Countryside Estates)
August 15, 2024**

This Reimbursement Agreement Water System Improvements (this “**Agreement**”) is made by and between the Rubidoux Community Services District, a public agency (“**District**”), GDC-RCH Countryside, LP (“**Developer**”). District and Developer may be collectively referred to herein as “Parties” and individually as “Party.”

RECITALS

A. **WHEREAS**, Developer proposes the construction of Tract No. 38171, a 31-lot single family residential development (“**Project**”) located in the District's service area between Riverview Avenue and Limonite Frontage Road in the City of Jurupa Valley, California (the “**City**”) as shown in Exhibit A (the “**Tentative Tract Map**”); and,

B. **WHEREAS**, the Developer has not yet obtained entitlement approvals through the City but as part of satisfying conditions of approval set by the City, the Developer must construct water and sewer facilities for ownership acceptance, maintenance and operation by the District for the District to provide water service to the Project; and

C. **WHEREAS**, the District requires Developer to design, bid, and install to District standards, at Developer's sole cost and expense, certain water and sewer facilities in Street A (“**Developer Improvements**”); and

D. **WHEREAS**, in addition to the Developer Improvements, the District has identified certain additional water facilities near the Development that benefit the new development in addition to the nearby residents which is a District' Water Facility known as “Limonite Crossing” as shown in the District's 2022 Water Master Plan (the “**District Requested Improvements**”); and,

E. **WHEREAS**, the District's 2005 Design and Construction Manual has been adopted by the District Board of Directors and requires the Tract Map be final, approved by the City and recorded with the County Recorder's Office before construction of the water and sewer facilities; and

F. **WHEREAS**, the Developer desires to start construction of the water and sewer facilities prior to the Tract Map being final, approved by the City and recorded with the County Recorder's Office; and,

G. **WHEREAS**, the Developer Improvements and the District Requested Improvements are hereafter jointly referred to as the “**Improvements**” as shown in Exhibit B; and,

H. **WHEREAS**, the Developer agrees to construct the Improvements at its own expense, except for the expense of installing the District Requested Improvements which will be borne by the District under the terms of a separate written agreement; and,

I. **WHEREAS**, the disposition of the District Requested Improvements are not yet completely settled and these improvements may or may not be paid for by the District and therefore may or may not be built, the Water and Sewer Plans in Exhibit B are considered to be in draft form and may not be the same as the final Approved Water and Sewer Plans with respect to the location and extent of the indicated sewer extensions at the terminus manhole at the end of the Cul d’ Sac as shown on Sheet 9 of the Draft Water and Sewer Plans; and,

J. **WHEREAS**, Pursuant Recital I, above, this At Risk Agreement does not encumber the Developer to build nor the District to reimburse the cost for the aforementioned sewer extensions, excepting District Reimbursement solely for engineering costs; and,

K. **WHEREAS**, the Developer agrees to construct the Improvements at its own risk with no vested right in approvals by the City of Jurupa Valley including acceptance and recording of the Final Tract Map; and,

L. **WHEREAS**, it is the purpose of this Agreement to establish and memorialize the terms and conditions between the Parties regarding the installation of the Improvements.

TERMS

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained the Parties agree to as follows:

1. Incorporation of Recitals

The Recitals are incorporated herein and made an operative part of this Agreement.

2. Construction and Installation of the Improvements

a. The Developer will construct the Improvements in Exhibit B at its own risk and understands that the construction of the Improvements will not ensure the Tract Map is ever approved by the City and subsequently recorded in the Official Records of the County of Riverside. The Developer also understands that construction of the Improvements does not create a vested right of the Developer in obtaining entitlements or approvals of the Tract Map.

b. Prevailing Wages. Developer is aware of the requirements of Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq. (“**Prevailing Wage Laws**”), which require the payment of prevailing wage rates and the performance of other requirements on certain “public works” and “maintenance” projects. The work being funded by a Community Facilities District and by the Rubidoux Community Services District (i.e.. the District Requested Improvements) involve an applicable “public works” or “maintenance” project, as defined by the Prevailing Wage Laws, and since the total compensation is \$1,000 or more, Developer shall fully comply with such Prevailing Wage Laws with respect to the Improvements. Developer shall obtain a copy of the prevailing rates of per diem wages at the commencement of the bidding of the Improvements from the website of the Division of Labor Statistics and Research of the Department of Industrial Relations located at www.dir.ca.gov/dlsr/. In the alternative, Developer may view a copy of the prevailing rates of per diem wages at the District Office. Developer shall defend, indemnify, and hold District, its elected officials, officers, employees, and agents free and harmless from any claims, liabilities, costs, penalties, or interest arising out of any failure or alleged failure to comply with the Prevailing Wage Laws with respect to the Improvements constructed by Developer.

3. Inspection and Improvements

a. Without modifying or limiting Developer’s obligations under this Agreement, District will inspect and test the Improvements constructed by the Developer. The District will track costs incurred by the District for all expenses associated with inspection and testing of the Improvements. As the work associated with the District Requested Improvements is in the Public Right of Way, the District shall have access to the work site at all times during business hours to conduct tests or inspections. Any deficiencies in the Improvements shall be corrected by the Developer at its sole cost and expense. Upon completion of the Improvements, to the satisfaction of District and once the Tract Map is final, approved by the City and recorded with the Riverside County Recorder’s Office, the Improvements shall be presented to the District for acceptance.

b. Acceptance by the District of the Improvements constructed by the Developer shall be conditioned upon performance of the obligations set forth in this Agreement in regard to: (i) approval by District of the construction and installation of Improvements; (ii) lien free completion of construction of the District Requested Improvements; and (iii) acceptance of title to the Improvements by the District by way of the recordation of the applicable conveyance document in substantially the form set forth in Exhibit C attached hereto and incorporated herein by reference. District will assist Developer to the best of its ability in procuring the property rights necessary to construct, maintain, and operate the Improvements in the public right-of-way including without limitation obtaining appropriate licenses, easement deeds or other conveyances as necessary, but as the Tract Map is not yet final, approved by the City or recorded with the Riverside County Recorder’s Office, this may not be feasible and, to the extent not feasible, the portion of the work impacted as such may need to be delayed until the Tract

Map is recorded and the necessary access rights are obtained. District confirms that all of the Improvements shall be located within public right-of way once the Tract Map is final, approved by the City and recorded with Riverside County Recorder's Office if the Improvements are located as currently shown on the Draft Water and Sewer Plans attached as Exhibit B and if the location of the lots and streets do not change from what is shown in the approved Tentative Tract Map attached as Exhibit A to what is shown in the final Tract Map as approved by the City and recorded with the Riverside County Recorder's Office. Notwithstanding the foregoing, to the extent any private third-party consents are required in order to construct the District Requested Improvements, the District shall be responsible for timely obtaining such consents, at no cost to Developer, and to the extent that any private third-party consents are required in order to construct the Developer Improvements, the Developer shall be responsible for timely obtaining such consents at Developer's expense. Said activities by both Parties shall also be subject to the rights and obligations of the Parties under District rules and regulations as the same may be revised from time to time.

c. Within thirty (30) days after completion of construction of the Improvements and final inspection by District, District shall accept the Improvements as complete, subject to the provisions of this Agreement, provided such Improvements are constructed in accordance with approved District provided plans, specifications, and contract documents, and operates satisfactorily. Upon acceptance of any Improvements, Developer shall assign to District all of Developer's rights and remedies, including warranties, for such improvements as set forth in the approved contract documents. Developer shall be responsible for any accident, loss, or damage to said Improvements prior to acceptance by District. Developer shall require its contractors to warrant all work and materials for the Improvements to be free from all defects due to faulty materials or workmanship for a period of one (1) year from the date of acceptance by District. Upon acceptance of any of Improvements by the District, District shall assume all liability and responsibility for the operation, maintenance, use and ownership of those Improvements.

e. Nothing in this Agreement shall relieve Developer, its subsidiaries, partnerships, or any other entity from the requirement to pay all rates and fees which shall apply to the Project pursuant to the Rules and Regulations as the same may be revised from time to time. Further, nothing in this Agreement shall prevent the Developer from being reimbursed for the cost of the District Requested Improvements from CFD bond proceeds pursuant to the "Joint Community Facilities Agreement by and among Jurupa Park & Recreation District, Rubidoux Community Services District and Sequanota Heights with Respect to Community Facilities District No. 2021-4" dated August 1, 2023.

4. RESERVED

5. General Provisions

a. Standard of Care and Safety. Developer shall ensure that all work for the District Requested Improvements is performed in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals

and contractors in the same discipline in the State of California. Developer shall procure the services of professionals and contractors skilled in the professional calling necessary to perform the District Requested Improvements work. All employees, contractors and subcontractors shall have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform such work and all such licenses and approvals shall be maintained throughout the term of their work. Developer shall ensure that it and its consultants and contractors execute and maintain their work to avoid injury or damage to any person or property. In carrying out their work, they shall at all times be in compliance with all applicable local, state, and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed.

b. Indemnification. Each Party hereby agrees to indemnify, defend, save, and hold harmless the other Party and their respective officers, agents, servants, and employees, of and from any liabilities, claims, demands, suits, action, and cause of action to the extent arising out of or in any manner connected with any act or omission of such indemnifying Party, performed in connection with such Party's duties and obligations hereunder.

c. Successors and Assigns. This Agreement shall inure to the benefit of and be binding on each of the Parties and their successors and assigns. This Agreement shall not be assigned by Developer without the prior written consent of District, which consent shall not be unreasonably withheld, conditioned or delayed; provided, however, District's failure to disapprove of a proposed assignee in writing (any such disapproval shall specify the reasonable basis for such disapproval) within thirty (30) days following written request for approval shall be deemed District's approval of and consent to such assignment as required hereunder. Without limiting the foregoing, it shall be unreasonable for District to withhold consent so long as the proposed assignee has the financial resources to undertake the work contemplated in this Agreement. District's consent hereunder does not require approval by the District's board. In the event of such an assignment, the assignees shall agree to be bound by all terms and conditions of this Agreement which accrue from and after the date of said assignment and may be required by District to enter into an assignment or other contractual arrangement to reasonably document said obligations.

d. Effective Date of Agreement. The Effective Date of this Agreement is the date last signed by the Parties.

e. Term and Termination. This Agreement shall expire upon completion of performance of this Agreement by both Parties. In the event either Party defaults in the performance of any of its obligations under this Agreement, the other Party shall have all rights and remedies available to them under the law, including without limitation, the right to terminate this Agreement upon written notice to the defaulting Party; provided, however, in the event a party seeks damages, it shall recover only actual damages (but

not any consequential, incidental or punitive damages), and each party expressly waives its rights to receive consequential, incidental or punitive damages under this Agreement.

f. Notices. All notices permitted or required under this Agreement shall be deemed made when delivered to the applicable Party's representative as provided in this Agreement. Such notices shall be mailed or otherwise delivered to the addresses set forth below, or at such other addresses as the respective Parties may provide in writing for this purpose:

Rubidoux Community Services District

Rubidoux Community Services District
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509
Attention: General Manager
Brian Laddusaw

GDC-RCH Countryside, LP

GDC-RCH Countryside, LP
1428 E. Chapman Ave
Orange, CA 92866
Attn: Roger Hobbs

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, certified mail, return receipt requested, to the party at its applicable address.

g. Attorneys' Fees. In the event any action is commenced to enforce or interpret any term or condition of this Agreement, in addition to costs and any other relief, the prevailing Party shall be entitled to its reasonable attorneys' fees, expert fees and other reasonable costs of defense.

h. Entire Agreement; Amendment. This Agreement contains the entire agreement of the Parties hereto with respect to the matters contained herein, and supersedes all negotiations, prior discussions and preliminary agreements or understandings, written or oral. No waiver or modification of this Agreement shall be binding unless consented to by both Parties in writing.

i. Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

j. Invalidity and Severability. If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.

k. Governing Law. This Agreement shall be governed by the laws of the State of California. Venue shall be in Riverside County.

l. Labor Certification. By its signature hereunder, Developer certifies that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code. Developer agrees to comply with such provisions and to require its consultants and contractors to comply with such provisions before commencing any work.

m. Authority to Enter into Agreement. The Parties warrant they have all requisite power and authority to execute and perform this Agreement. Each person executing this Agreement on behalf of their Party warrants they have the legal power, right, and authority to make this Agreement and bind their respective party.

n. Counterparts. This Agreement may be signed in counterparts, each of which shall constitute an original.

o. Insurance. For the period during which Developer or its contractor(s) controls the job site, Developer will require that the contractor provide, for the entire period of construction, a policy of Workers' Compensation Insurance and Commercial General Liability Insurance with coverage broad enough to include the contractual obligation it may have under the construction contract and having a combined single limit of liability in the amount of \$2,000,000 covering District's officers, employees and agents as additional insureds.

[SIGNATURES APPEAR ON THE FOLLOWING PAGES]

IN WITNESS WHEREOF, the Parties hereto have executed this Reimbursement Agreement effective as of the last date indicated below.

RUBIDOUX COMMUNITY SERVICES DISTRICT

Brian Laddusaw
Its: General Manager
Date: _____

DEVELOPER

**SEQUANOTA VENTURE LLC,
a Delaware limited liability company**

By: GDC-RCH Countryside, LP
a Delaware limited partnership, its Sole Member

By: GDC-RCH Countryside, LP
a Delaware limited liability company,
its General Partner

By: _____
Roger Hobbs, Managing Member
Date: _____

EXHIBIT A

Tentative Tract Map 37211

CITY OF JURUPA VALLEY
COMMUNITY DEVELOPMENT DEPARTMENT

APPROVED BY: *[Signature]*

MA: 21256

DATE: 2/15/24

TENTATIVE TRACT MAP NO. 38171
CITY OF JURUPA VALLEY, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

CITY OF JURUPA VALLEY
COMMUNITY DEVELOPMENT DEPARTMENT

APPROVED BY: **City Council**

MA: 21256 DATE: 2/15/24

RESO: 2024-06

ORD: N/A

LEGAL DESCRIPTION

REAL PROPERTY IN THE CITY OF JURUPA VALLEY, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 2 AS SHOWN ON LOT LINE ADJUSTMENT NO. 4091, AS EVIDENCED BY A NOTICE OF LOT LINE ADJUSTMENT RECORDED JULY 9, 1999 AS INSTRUMENT NO. 107-000-0000, AND A NOTICE OF TRACT MAP RECORDED JULY 9, 1999 AS INSTRUMENT NO. 107-000-0000, DESCRIBED AS FOLLOWS:

THAT PORTION OF LOT 2 OF PARCEL 2 OF THE RIVERVIEW TRACT, AS SHOWN BY MAP IN FILE NO. 107-000-0000, AND THE PORTION OF PARCEL 2 AS SHOWN BY MAP IN FILE NO. 107-000-0000, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT 2 WITH THE

WEST-WESTERLY RIGHT-OF-WAY LINE OF RIVERVIEW DRIVE (HEREINAFTER REFERRED TO AS RIVERVIEW DRIVE) AS SHOWN BY RECORDS OF SURVEY ON FILE IN BOOK 5, PAGE 28 OF RECORDS OF SURVEY;

THENCE NORTH 69° 26' 30" WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 2, A DISTANCE OF 175.28 FEET TO A POINT WHICH BEARS NORTH 69° 26' 30" WEST 505.00 FEET FROM THE NORTHWEST CORNER OF LOT 4 OF SAID RECORDS OF SURVEY;

THENCE NORTH 09° 26' 30" WEST, A DISTANCE OF 124.67 FEET TO A POINT ON THE SOUTH LINE OF PARCEL MAP 12995, AS SHOWN BY MAP ON FILE IN BOOK 90 OF RECORDS OF SURVEY AS SHOWN BY MAP IN FILE NO. 107-000-0000, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

THENCE NORTH 89° 30' 00" EAST ALONG SAID SOUTH LINE, A DISTANCE OF 28.88 FEET TO THE

SOUTHEAST CORNER OF SAID PARCEL MAP 12995;

THENCE NORTH 09° 26' 30" WEST ALONG THE EAST LINE OF SAID PARCEL MAP 12995, A DISTANCE OF 23.76 FEET TO THE NORTHWEST CORNER THEREOF; SAID CORNER BEING ON THE

SOUTHWESTERLY RIGHT-OF-WAY LINE OF LIMONITE AVENUE (HEREINAFTER REFERRED TO AS LIMONITE AVENUE) AS SHOWN ON SAID PARCEL MAP 12995; SAID CORNER ALSO BEING ON A CURVE, CONCAVE TO THE SOUTHWEST, HAVING

A RADIUS OF 25.00 FEET, THE RADIAL LINE FROM SAID POINT BEARS SOUTH 20° 42' 00" EAST;

THENCE NORTHWESTERLY ALONG SAID SOUTHWESTERLY RIGHT-OF-WAY LINE AND ALONG SAID

CURVE TO THE POINT, THROUGH A CENTRAL ANGLE OF 04° 20' 44" 40" ARC DISTANCE OF 16.29 FEET TO THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE TO THE SOUTHWEST, HAVING A

RADIUS OF 15.00 FEET, THE RADIAL LINE FROM SAID CURVE BEARS NORTH 31° 15' 15" WEST, THE RADIAL LINE FROM SAID CURVE BEARS NORTH 19° 50' 00" WEST;

THENCE NORTHWESTERLY ALONG SAID LAST MENTIONED CURVE, TO THE POINT, THROUGH A CENTRAL ANGLE OF 04° 20' 44" 40" ARC DISTANCE OF 30.48 FEET, THE RADIAL LINE FROM SAID POINT BEARS NORTH 19° 50' 00" WEST;

THENCE SOUTH 69° 26' 30" EAST, A DISTANCE OF 44.63 FEET, THENCE SOUTH 40° 02' 00" WEST, A DISTANCE OF 24.63 FEET, THENCE SOUTH 20° 30' 00" WEST, A DISTANCE OF 114.73 FEET, THENCE SOUTH 79° 59' 59" EAST, A DISTANCE OF 141.73 FEET TO A POINT ON SAID

NORTHWESTERLY RIGHT-OF-WAY LINE OF RIVERVIEW DRIVE;

THENCE SOUTH 30° 45' 00" WEST ALONG THE NORTHWESTERLY RIGHT-OF-WAY LINE OF SAID RIVERVIEW DRIVE, A DISTANCE OF 43.84 FEET TO THE POINT OF BEGINNING.

APN: 186-160-001

DEVELOPER

RC HOBBS COMPANIES, INC.
1428 E. CHAPMAN AVENUE
ORANGE, CA 92668
4TH FLOOR HOBBS
714-633-8100

OWNERS

JAMES H. MARFANGALE AND LINETTE ANN MARFANGALE, TRUSTEES OF THE JAMES H. MARFANGALE AND LINETTE ANN MARFANGALE TRUST DATED NOVEMBER 23, 1998

UTILITY PURVEYORS

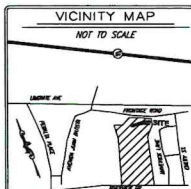
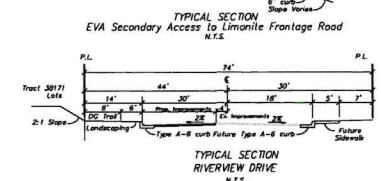
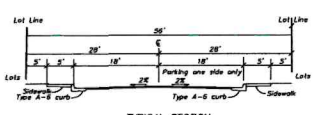
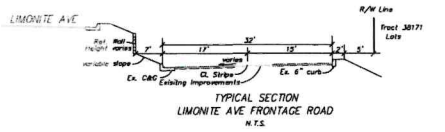
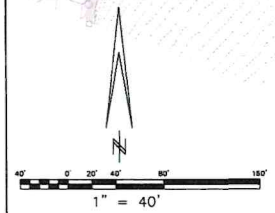
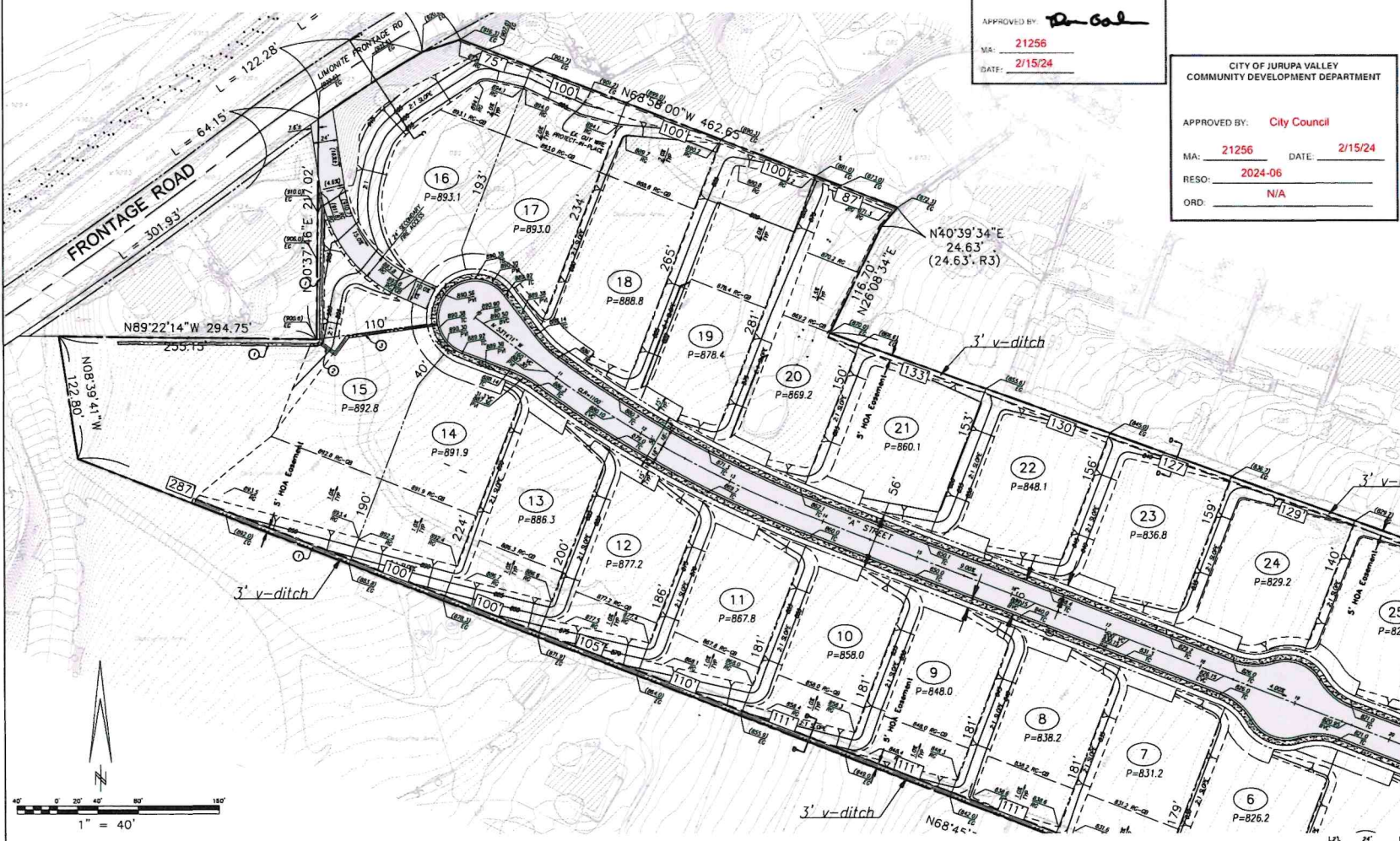
WATER: RIVERSIDE COMMUNITY SERVICES DISTRICT
SEWER: RIVERSIDE COMMUNITY SERVICES DISTRICT
GAS: SOUTHERN CALIFORNIA GAS COMPANY
ELECTRICITY: SOUTHERN CALIFORNIA Edison
TELEPHONE: AT&T
SCHOOL: JURUPA VALLEY UNIFIED SCHOOL DISTRICT
CABLE: SPECTRUM
SOLID WASTE: BURRICK

GENERAL PLAN/ZONING/LANDUSE

EXISTING GENERAL PLAN: A-1
PROPOSED GENERAL PLAN: A-1
EXISTING ZONING: ESR - RANCH
PROPOSED ZONING: ESR - RANCH
EXISTING LANDUSE: SPR

TENTATIVE MAP SCHEDULE

THIS MAP IS A SCHEDULE "T" SUBDIVISION PER SEC. 7.1, 7.1030 OF THE CITY OF JURUPA VALLEY MUNICIPAL CODE.



| Lot Number | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 2 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 3 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 4 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 5 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 6 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 7 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 8 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 9 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 10 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 11 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 12 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 13 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 14 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 15 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 16 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 17 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 18 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 19 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 20 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 21 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 22 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 23 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 24 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |
| 25 | 111 | 891 | 52,184 | 17 | 107 | 751 | 11,117 | | |

LEGEND

TOP OF CURB
PL PLUMBING
FRAMED SURFACE
PAV. ELEVATION
C.B. CATCH BASIN
H.P. HIGH POINT
LOT NUMBER
CRST. ZONING
BOUNDARY
DECK, CONTOR
CHAIN LINK FENCE
LOT LINE
PROPOSED STREET LIGHT

PROJECT NOTES

THIS TRACT MAP IS PREPARED BY THE DEVELOPER AND THE CITY OF JURUPA VALLEY HAS REVIEWED THE TRACT MAP FOR CONFORMANCE WITH THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES. THE CITY OF JURUPA VALLEY DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED HEREON.

ALL MANUFACTURED HOMES ARE 2 1/2 OR FLAT-FRONT
FRAME AREA: 46,100 SQ. FT.

DATE: 02/15/24
DRAWN BY: J. BEERS
CHECKED BY: J. BEERS
SCALE: AS SHOWN

ROBERT BEERS
1875 Limonite Avenue, Suite E
Jurupa Valley, CA 92509
Ph. (951) 377-2041 Fax (951) 360-2070

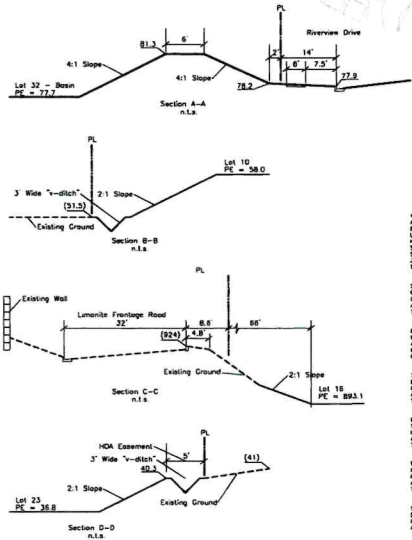
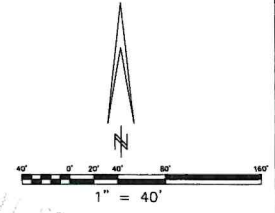
| FIELD BOOK REF. | DATE | REVISIONS | APPROVAL |
|-----------------|------|-----------|----------|
| | | | |
| | | | |
| | | | |

PREPARED FOR:
RC Hobbs Companies
1428 E. Chapman Avenue
Orange, CA 92668
PHONE: (714) 633-8100

TTM 38171
SADDLEHORN RANCH
City of Jurupa Valley
California MA2256

DATE: July 10, 2023
JOB NO.:
DRAWN BY: J.B.E.
CHECKED BY: J.B.E.
SHEET 1 OF 2

TENTATIVE TRACT MAP NO. 38171
CITY OF JURUPA VALLEY, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



EASEMENTS OF RECORD

- MUTUAL BENEFITS OF SALES RESERVED TO THE SEYMOUR RANCH COMPANY AND THE JURUPA LAND AND WATER COMPANY, NEW SUCCESSIONS OF RECORD, FOR INTEREST GRANTS TO BE MADE AS MAY BE DEEMED NECESSARY BY PROPERLY SAID PARTIES FOR THE PROPER PROTECTION OF ANY OTHER LANDS IN THE JURUPA RANCH, OR FOR THE SUPPLYING OF THE MAIN CANALS WITH WATER, PROVIDED, HOWEVER, THAT SUCH GRANTS SHALL BE PRACTICABLE FOLLOWING THE PLAN OF THE SEYMOUR RANCH SUPERVISORS OF THE JURUPA RANCH, RECORDED IN BOOK 124 PAGES 232 OF OFFICE RECORDS OF SAN BERNARDINO COUNTY, CALIFORNIA, AND BY ORDER RECORDED MAY 24, 1957 IN BOOK 124 PAGES 337, MARCH 2, 1958 IN BOOK 69 PAGES 205, APRIL 1957 IN BOOK 142 PAGES 109, JANUARY 8, 1958 IN BOOK 124 PAGES 4 AND 5, OFFICE RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.
- AN EASEMENT FOR CONCRETE AND INCIDENTAL PURPOSES, RECORDED MARCH 1, 1953 IN BOOK 117 OF OFFICE PAGE 191 IN FAVOR OF SEYMOUR RANCH COMPANY AND THE JURUPA LAND AND WATER COMPANY APPLICABLE AS DESCRIBED HEREIN. THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION.
- AN EASEMENT OVER THE HEREIN DESCRIBED PROPERTY FOR THE CONSTRUCTION AND MAINTENANCE OF ALL NECESSARY WATER PIPES, PIPES, TRENCHES AND APPURTENANCES FOR THE PURPOSES OF IRRIGATION AND DOMESTIC USE IN FAVOR OF JURUPA LAND AND WATER COMPANY, A CORPORATION, AS SET OUT IN REEL RECORDED IN BOOK 170 PAGE 289 OF OFFICE RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, THE LOCATION CANNOT BE LOCATED FROM THE RECORD.
- AN EASEMENT FOR ROAD PURPOSES AND INCIDENTAL PURPOSES, RECORDED FEBRUARY 23, 1956 IN BOOK 85 OF OFFICE PAGE 126 IN FAVOR OF A.L.C. FREDERICK APPLICABLE AS DESCRIBED HEREIN. THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION.
- AN EASEMENT FOR PAVEMENT AND INCIDENTAL PURPOSES, RECORDED NOVEMBER 26, 1954 AS BOOK 1698 PAGE 126 OF OFFICE RECORDS. APPLICABLE AS DESCRIBED HEREIN. THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION.
- AN EASEMENT FOR IRRIGATION AND INCIDENTAL PURPOSES, RECORDED SEPTEMBER 22, 1940 AS INSTRUMENT NO. 1980-25743 OF OFFICE RECORDS IN FAVOR OF GEORGE W. BROWN. THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION.
- AN EASEMENT FOR ELECTRIC AND TELEPHONE LINES AND INCIDENTAL PURPOSES, RECORDED OCTOBER 31, 1963 AS INSTRUMENT NO. 1983-03121 OF OFFICE RECORDS IN FAVOR OF CALIFORNIA CONTRACT COMPANY. APPLICABLE AS PORTION OF THE LAND.

relocate CLF as required
edge of pavement taper transition



ROBERT BEERS
8575 Limestone Avenue, Suite E
Jurupa Valley, CA 92530
Ph. (951) 317-2041 Fax (951) 360-2070
2023-07-11
DATE: 06/01/23
DRAWN BY: J.B.B.

| FIELD BOOK REF. | DATE | REVISIONS | APPROVAL |
|-----------------|------|-----------|----------|
| | | | |
| | | | |
| | | | |

PREPARED FOR:
RC Hobbs Companies
1428 E. Chapman Avenue
Orange, CA 92668
PHONE: (714) 633-8700

TTM 38171
SADDLEHORN RANCH
City of Jurupa Valley
California MA2256

DATE: Jun 10, 2023
JOB NO.:
DRAWN BY: J.B.B.
CHECKED BY: J.B.B.
SHEET: 1 OF 2

EXHIBIT B

Approved Water and Sewer Plans

SEWER AND WATER IMPROVEMENT PLANS TRACT 38171 - COUNTRYSIDE ESTATES RUBIDOUX COMMUNITY SERVICES DISTRICT

WATER GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE RCSD FOR WATER AND SANITARY SEWER FACILITIES.
- WATER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR DEDICATION TO THE RUBIDOUX COMMUNITY SERVICES DISTRICT. CONSTRUCTION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH RUBIDOUX COMMUNITY SERVICES DISTRICT STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL PUBLIC AGENCIES HAVING JURISDICTION AND THE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION.
- CONSTRUCTION OF THE WATER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY INVERSIDE COUNTY AND THE DEVELOPER'S ENGINEER HAS CERTIFIED THAT ALL STREETS ARE CONSTRUCTED TO FINAL GRADE. WATERLINES SHALL BE INSTALLED AFTER CONSTRUCTION OF CURB & GUTTER, SEWER, STORM DRAIN, AND PRIOR TO THE PLACEMENT OF CROSS-CUTTERS, SPANWALKS, AND PAVING.
- PIPE, FITTINGS, VALVES AND APPURTENANCES SHALL BE OF THE PIPE PRESSURE CLASS (NOT W.R.P. CLASS) SHOWN ON THE PROFILE OF THESE PLANS. (NOTE: EAST ROW FITTINGS SHALL NOT BE ALLOWED).
- UNBARRICAD COVER OVER PIPE SHALL BE 42 INCHES. WHEN THE WATERLINE ENCOUNTERS A WATERLINE, THE WATERLINE SHALL CROSS UNDER THE OBSTRUCTION WITH LESS THAN 42 INCHES OF COVER OVER THE WATERLINE, THE WATERLINE SHALL CROSS UNDER THE OBSTRUCTION (MIN. 12 INCHES CLEARANCE).
- CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CAL. OSHA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
- BACKFILL SHALL BE COMPACTED TO THE GREATER OF SOIL RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING GROUND, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MORE STRINGENT. CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
- DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY POT-HOLING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
- WHERE THE WATER MAIN CROSSES STORM DRAINS, OTHER PIPELINES, TELEPHONE AND ELECTRIC DUCTS, OR SIMILAR INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE INVERSIDE COUNTY HEALTH DEPARTMENT STANDARD AS SHOWN ON INVERSIDE COUNTY STANDARD PLAN 609 AND RCSD STANDARD DRAWING W1010 AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH.
- CONNECTIONS TO THE EXISTING RCSD WATERLINES SHALL BE IN ACCORDANCE WITH STANDARD RCSD PROCEDURES AND SHALL NOT BE ACCOMPLISHED UNLESS AN RCSD INSPECTOR IS PRESENT. NO CONNECTIONS TO EXISTING RCSD WATERLINES WILL BE ALLOWED ON FROTHS.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO THE INVERSIDE COUNTY TRANSPORTATION DEPARTMENT, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT, FOR ALL WORK ON EXISTING COUNTY MAINTAINED ROADS.
- ALL SERVICE LATERALS SHALL BE LOCATED AT RIGHT ANGLES TO THE MAIN UNLESS OTHERWISE INDICATED ON THE PLANS AND APPROVED BY THE RCSD.
- PIPE SHALL BE HANDLED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNIFORM SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOUTATION AT ALL TIMES. OPEN ENDS SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER. ALL WELDED JOINTS SHALL BE MINIMUM DOUBLE BEAS.
- TAPS ON PIPELINE SHALL BE INSTALLED PER DISTRICT STANDARDS AND AS APPROVED IN THE FIELD BY THE RCSD INSPECTOR. CONNECTIONS TO EXISTING RCSD PIPELINES SHALL NOT BE ACCOMPLISHED UNLESS AN RCSD INSPECTOR IS PRESENT. RCSD MAY ELECT TO MAKE THE CONNECTION AT THE DEVELOPER'S EXPENSE. CONTRACTOR TO FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING WATERLINES PRIOR TO CONSTRUCTION.
- TEST PRESSURE SHALL BE 1500 PSI OF PIPE CLASS RATING (E.G. 150 = 225 PSI TEST). SHALL BE UNDER CONSTANT INSPECTION AND SHALL BE IN ACCORDANCE WITH DISTRICT STANDARD PROCEDURES.
- SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
- PIPE HYDRANTS AND AIR VALVES TO BE LOCATED PER THE AGENCY HAVING JURISDICTION.
- WATER METERS TO BE LOCATED PER PLAN. ANY REDUCTION SHALL BE APPROVED BY THE RCSD. A "Y" SHALL BE IMPRINTED ON THE CURB FACE AT EACH SERVICE LATERAL (WATER) LOCATION.
- CONTRACTOR SHALL PLACE INSULATED 1/4" GA. SOLID COPPER LATERAL WIRE WITH ALL C-900 PIPE TO ASSIST WITH FUTURE LOCATION.
- CONTRACTOR SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STATIONING OF SERVICE LATERAL CONNECTIONS AND PAID ELEVATIONS AS A CONDITION OF FINAL APPROVAL.
- THE DEVELOPER TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT.
- THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH "CONFINED AIR SPACE" ARTICLE 108, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
- ALL PIPE LARGER THAN 12" IN DIAMETER SHALL BE INSPECTED BY VIDEO CAMERA PRIOR TO BACTERIOLOGICAL TESTING.
- CONTRACTOR SHALL WARRANTY ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.

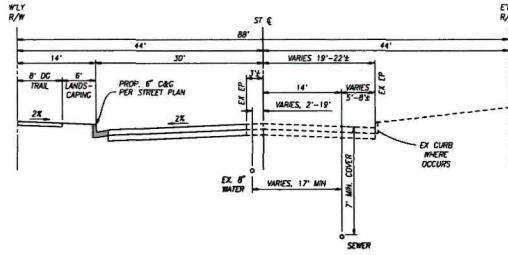
SEWER GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE RCSD FOR WATER AND SANITARY SEWER FACILITIES.
- SEWER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR DEDICATION TO THE RUBIDOUX COMMUNITY SERVICES DISTRICT. CONSTRUCTION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH RUBIDOUX COMMUNITY SERVICES DISTRICT STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL PUBLIC AGENCIES HAVING JURISDICTION. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION. SEWER PIPE SHALL BE EXTRA STRENGTH VITRIFIED CLAY PIPE (EVC) UNLESS OTHERWISE APPROVED BY THE DISTRICT ENGINEER.
- CONSTRUCTION OF THE SEWER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY INVERSIDE COUNTY AND THE DEVELOPER'S ENGINEER HAS CERTIFIED THAT ALL STREETS ARE CONSTRUCTED TO FINAL GRADE FOR CURB AND GUTTER.
- CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CAL-OSHA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
- PIPE SHALL BE HANDLED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNIFORM SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOUTATION AT ALL TIMES. OPEN ENDS OF INSTALLED SEWER SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER.
- DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY POT-HOLING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
- WHERE THE SEWER MAIN CROSSES STORM DRAINS, OTHER PIPELINES, TELEPHONE AND ELECTRIC DUCTS, OR SIMILAR INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE INVERSIDE COUNTY HEALTH DEPARTMENT STANDARD AS SHOWN ON INVERSIDE COUNTY STANDARD PLAN 609 AND RCSD STANDARD DRAWING S2020 AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH.
- CONNECTIONS TO EXISTING RCSD SEWER PIPELINES SHALL NOT BE ACCOMPLISHED UNLESS THE DISTRICT INSPECTOR IS PRESENT. THE CONTRACTOR SHALL VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SEWER LINES PRIOR TO CONSTRUCTION. NO CONNECTIONS TO EXISTING RCSD SEWERLINES WILL BE ALLOWED ON FROTHS.
- BACKFILL SHALL BE COMPACTED TO THE GREATER OF SOIL RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING GROUND, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MORE STRINGENT.
- SEWER LATERALS SHALL BE 6" VCP UNLESS OTHERWISE INDICATED. EXACT LOCATIONS OF BYES AND LATERALS ARE TO BE ESTABLISHED IN THE FIELD PRIOR TO INSTALLATION. AN "S" SHALL BE IMPRINTED ON THE CURB FACE AT EACH SERVICE LATERAL LOCATION AND A STEEL ROD OR STAKE SHALL BE INSTALLED AT THE END OF EACH SEWER LATERAL TO ASSIST IN LOCATING AT A LATER DATE.
- UNLESS WAIVED BY THE RCSD, A 2" WIDE METALLIC LOCATION TAPE SHALL BE PLACED WITH EACH SEWER AND EACH SERVICE LATERAL TO ASSIST IN FUTURE LOCATION. TAPE SHALL BE PLACED AT LEAST 6" ABOVE THE PIPE BUT NOT DEEPER THAN 4" FROM THE PROPOSED FINISH GRADE.
- ALL SEWERS SHALL BE BALLED, AIR TESTED AND VIDEO INSPECTED PRIOR TO ACCEPTANCE BY THE DISTRICT.
- SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
- THE DEVELOPER SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STATIONING OF SEWER LATERAL CONNECTIONS AND PAID ELEVATIONS AS A CONDITION OF FINAL APPROVAL.
- ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF BACKFLOW VALVES, WHERE REQUIRED, PER UNDERGROUND PLUMBING CODE AND PER RCSD STANDARDS.
- THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH "CONFINED AIR SPACE" ARTICLE 108, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
- CONTRACTOR SHALL WARRANTY ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.

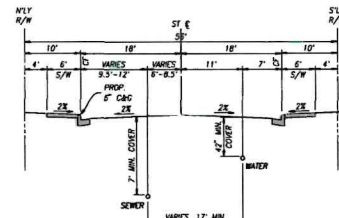
NOTICE TO CONTRACTOR:

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER, THE DISTRICTS AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS AND IS RESPONSIBLE FOR THE PROTECTION OF OR ANY DAMAGE TO THESE LINES OR STRUCTURES. ALL REMAINING BELLS SHOWN ON THESE PLANS ARE SHOWN FOR REFERENCE ONLY AND ARE TO BE CONSTRUCTED PER SEPARATE PRINT.

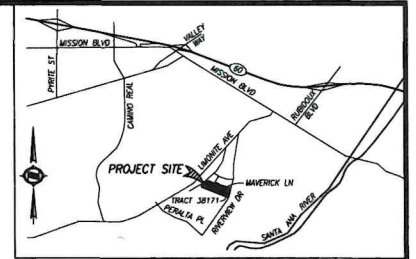
CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.



RIVERVIEW DRIVE STREET SECTION
SCALE: NTS



SADDLEHORN LN STREET SECTION
SCALE: NTS



VICINITY MAP
SECTION 20, TOWNSHIP 2 SOUTH, RANGE 5 WEST
INDEX OF DRAWINGS

| SHEET # | TITLE SHEET |
|---------|---|
| 1 | TITLE SHEET |
| 2 | INDEX MAP |
| 3 | WATER IMPROVEMENT PLANS SADDLEHORN LN, STA 28+81.38 TO STA 32+00.00 |
| 4 | WATER IMPROVEMENT PLANS SADDLEHORN LN, STA 32+00.00 TO STA 41+00.00 |
| 5 | WATER IMPROVEMENT PLANS SADDLEHORN LN, STA 41+00.00 TO STA 47+14.39 |
| 6 | SEWER IMPROVEMENT PLANS RIVERVIEW DRIVE, STA 1+00.00 TO STA 5+51.41 |
| 7 | SEWER IMPROVEMENT PLANS SADDLEHORN LN, STA 0+00.00 TO STA 8+00.00 |
| 8 | SEWER IMPROVEMENT PLANS SADDLEHORN LN, STA 8+00.00 TO STA 18+54.35 |
| 9 | SEWER IMPROVEMENT PLANS 333 LINE 'C', STA 1+00.00 TO STA 4+58.43 |

CONSTRUCTION NOTES AND ESTIMATE OF QUANTITIES

| NO. | DESCRIPTION | QUANTITY | UNIT |
|--------------------|--|----------|------|
| SEWER NOTES | | | |
| 1 | INSTALL 6" PVC 500-35 SEWER MAIN PER RCSD STD. DMC. NO. S2030 | 2,437 | L.F. |
| 2 | CONTRACTOR 48" DIAMETER SEWER MANHOLE PER RCSD STD. DMC. NO. S2030 | 13 | EA. |
| 3 | INSTALL 6" PVC 500-35 SEWER LATERAL PER RCSD STD. DMC. NO. S2030 | 21 | EA. |
| 4 | REMOVE EXISTING SEWER CLEANOUT AND INTERFERING PORTIONS OF EX. SEWER MAIN | 1 | EA. |
| 5 | INSTALL 6" SEWER CLEANOUT PER RCSD STD. DMC. NO. S2030 | 25 | EA. |
| 6 | INSTALL 6" SEWER CLEANOUT PER RCSD STD. DMC. NO. S2030 | 2 | EA. |
| 7 | INSTALL 6" EXTRA STRENGTH VITRIFIED CLAY PIPE WITH COMPRESSION JOINTS PER RCSD STD. DMC. NO. S2010 | 45 | L.F. |
| 8 | INSTALL TEMPORARY 6" PVC END CAP FOR FUTURE CONNECTION BY OTHERS | 2 | EA. |
| WATER NOTES | | | |
| 21 | INSTALL 6" PVC C-900, DR-18 WATER MAIN TRENCH AND BACKFILL PER RCSD STD. DMC. NO. G20 | 2,033 | L.F. |
| 22 | INSTALL 6" 180° TAP WITH 1" TAPPING VALVE | 2 | EA. |
| 23 | INSTALL 6" GATE VALVE AND BOX PER RCSD STD. DMC. NO. W1020 | 2 | EA. |
| 24 | INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DMC. NO. W1100 | 31 | EA. |
| 25 | INSTALL 6" FIRE HYDRANT ASSEMBLY PER RCSD STD. DMC. NO. W1200 | 2 | EA. |
| 26 | INSTALL 2" 1/2" CLASS 350 B BEND, MAMU | 1 | EA. |
| 27 | INSTALL 6" 45° CLASS 350 B BEND, MAMU | 1 | EA. |
| 28 | INSTALL TWELVE BLOCK PER RCSD STD. DMC. NO. G20 | 7 | EA. |
| 29 | INSTALL 1" AIR VALVE PER RCSD STD. DMC. NO. W1070 | 4 | EA. |
| 30 | INSTALL RESTRAINED HIGH DEFLECTION COUPLING | 4 | EA. |
| 31 | INSTALL 6" 22.5° CLASS 350 B BEND, MAMU | 2 | EA. |
| 32 | INSTALL 6" 11.25° CLASS 350 B BEND, MAMU | 1 | EA. |
| 33 | INSTALL 1" HORIZONTAL SERVICE AND METER WITH BACKFLOW PREVENTOR PER RCSD STD. DMC. NO. W1100 AND W1130 | 1 | EA. |
| 34 | INSTALL 6" PVC C-900, DR-14 WATER MAIN TRENCH AND BACKFILL PER RCSD STD. DMC. NO. G20 | 35 | L.F. |
| 35 | RESTRAIN JOINTS WITH LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3 | 472 | L.F. |
| 36 | INSTALL 6" 11.25° CLASS 350 B BEND, MAMU | 3 | EA. |
| 37 | REMOVE EXISTING FIRE HYDRANT AND LATERAL. INSTALL BLIND FLANGE ONTO EXISTING GATE VALVE | 1 | EA. |
| 38 | INSTALL 6" 22.5° CLASS 350 B BEND, MAMU | 1 | EA. |

QUANTITIES PREPARED ON 07/18/2024. QUANTITIES SHOWN HEREON ARE FOR THE WATER DISTRICT BOND AND FEE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR PREPARING QUANTITIES FOR CONSTRUCTION.

NOT IN CONTRACT NOTE:
SS LINE 'C' NOT PER THIS CONTRACT AND WILL BE CONSTRUCTED AT A LATER DATE

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT AS THE ENGINEER IN RESPONSIBLE CHARGE OF WORK FOR THIS PROJECT, I HAVE REVIEWED THE ENGINEERING WORK AS SHOWN ON THESE PLANS TO DETERMINE GENERAL CONFORMANCE WITH PLANS AND SPECIFICATIONS, AND THAT THE COMPLETED CONSTRUCTION IS IN GENERAL CONFORMANCE WITH THESE PLANS.

TIN N. HUYNH INC 69273 DATE
HUNSAKER & ASSOCIATES IRVINE, INC.

FIRE NOTE:
MINIMUM FIRE FLOW SHALL BE 875 GPM FOR 1 HOUR DURATION AT 20 PSI

FIRE DEPARTMENT
APPROVED BY THE INVERSIDE COUNTY FIRE DEPARTMENT

BY _____ DATE _____

BASIS OF BEARINGS
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CGS 83, ZONE 6, BASED LOCALLY ON GEODETIC STADIUM DATA, NAD 83, AND GUNWATER (2011) EPOCH 2011.50 AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID, QUOTED BEARINGS, AND DISTANCES FROM REFERENCE MARKS OR POINTS ARE SHOWN AS PER THAT RECORD. REFERENCE ALL DISTANCES SHOWN ARE GRID DISTANCES UNLESS SPECIFIED OTHERWISE. GRID DISTANCES MAY BE OBTAINED BY MULTIPLYING RECORD DISTANCE BY A COMBINATION FACTOR OF 0.99998063. CALCULATIONS ARE MADE AT POINT #14 WITH COORDINATES OF N233046.83 E420366.61, USING AN ELEVATION OF 899.92.

BENCH MARK
THE BENCHMARK FOR THIS SURVEY IS CONTINUOUS OPERATING REFERENCE STATION 'MADP' ELEVATION = 1681.92' (MVD 88)

THIS IS A CONTINUOUS GPS STATION AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE CENTER SURVEY COMPUTED 11-11-17 FOR THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. VERTICAL DATUM IS TO THE GEODETIC REFERENCE POINT (GPR). THE ANTIENA IS AN ASHTON 7014542.W WITH SOT 50MG. TRUE VERTICAL ANTIENA HEIGHT IS FROM THE GEODETIC REFERENCE POINT TO THE BOTTOM OF THE ANTIENA PRE-IMP (BPA) AND IS 6322.72 FEET.

I CERTIFY THAT THE DESIGN OF THE WATER SYSTEM IN TRACT 38171 IS IN ACCORDANCE WITH THE WATER SYSTEM MASTER PLANS OF THE RUBIDOUX COMMUNITY SERVICES DISTRICT, AND THAT THE WATER SERVICE, STORAGE AND DISTRIBUTION SYSTEM WILL BE ADEQUATE TO SUPPLY WATER SERVICE TO SAID TRACT. THIS CERTIFICATION DOES NOT CONSTITUTE A GUARANTEE THAT IT WILL SUPPORT WHEN TO SAID TRACT AS ANY SPECIFIC QUANTITIES, FLOWS, OR PRESSURES FOR FIRE PROTECTION ON ANY OTHER PORPOSE.

I CERTIFY THAT THE DESIGN OF THE SEWER SYSTEM IN TRACT 38171 IS IN ACCORDANCE WITH THE SEWER SYSTEM MASTER PLANS OF THE RUBIDOUX COMMUNITY SERVICES DISTRICT, AND THAT THE WASTE DISPOSAL SYSTEM IS ADEQUATE AT THIS TIME TO TREAT THE ANTICIPATED WASTES FROM THE PROPOSED TRACT.

APPROVED BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT FOR CONSTRUCTION

CITY OF JARUPA VALLEY ENGINEERING DEPARTMENT APPROVED BY: _____ DATE _____
PAUL TROER, CITY ENGINEER DATE _____
DIRECTOR OF ENGINEERING DATE _____

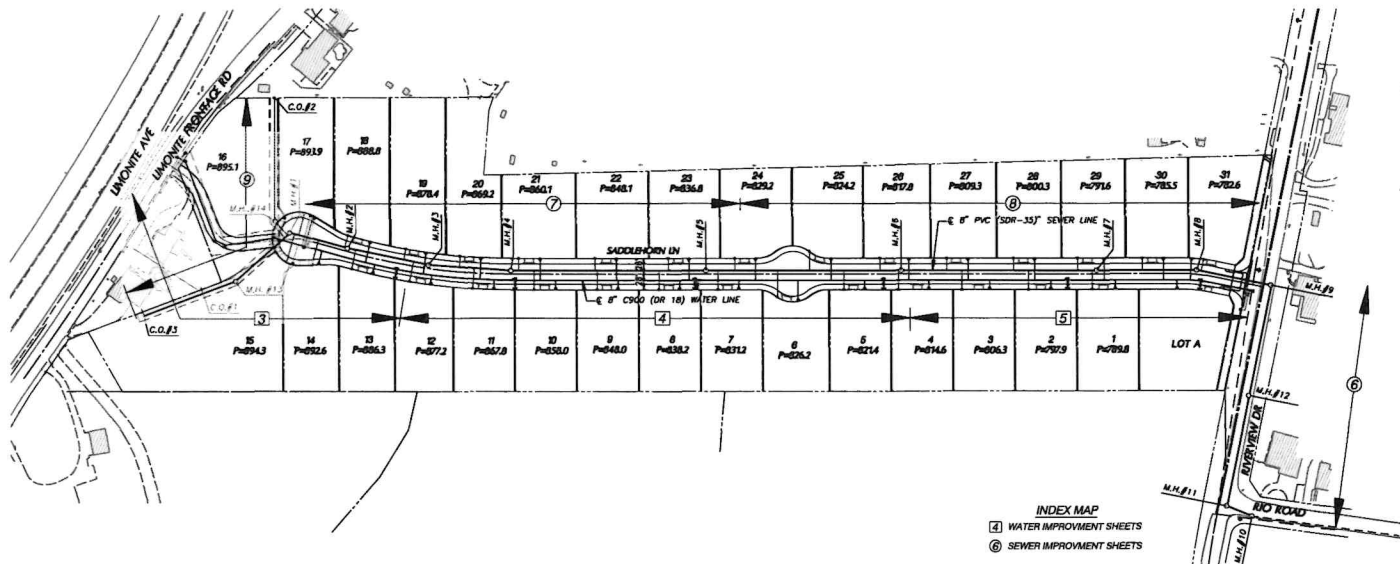
ENGINEER OF RECORD'S SEAL
NO. 85273 DATE 7/19/24
APPROVED BY: _____ DATE _____
REGISTERED ENGINEER No. 85273 DATE 7/19/24

HUNSAKER & ASSOCIATES
REGISTERED ENGINEER No. 85273 DATE 7/19/24

SCALE AS SHOWN
FIELD BOOK
DESIGN IS
DRAWN IS
CHECKED TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
TRACT 38171 - COUNTRYSIDE ESTATES
SEWER AND WATER IMPROVEMENT PLANS
TITLE SHEET
SHEET 1
OF 9 SHEETS
RCSD PLAN NO.





WATER SYMBOLS

- PROPOSED WATERLINE
- - - EXISTING WATERLINE
- AIR VALVE ASSY. PER RCSD STD. DWG. W1070.
- TEMPORARY BLOWOFF / AIR RELEASE ASSY. PER RCSD STD. DWG. W1150.
- FLANGE GATE VALVE ASSY. PER RCSD STD. DWG. W1020.
- REDUCER
- FIRE HYDRANT ASSY. PER RCSD STD. DWG. W1050 OR W1060.
- VALVE PROTECTION PER RCSD STD. DWG. 040.
- SERVICE INSTALLATION PER RCSD STD. DWG. W1100.
- WATER QUALITY SAMPLE STATION PER RCSD STD. DWG. W1120.
- TEE
- 90° ELBOW
- BLIND FLANGE
- CROSS

SEWER SYMBOLS

- PROPOSED SEWERLINE
- - - EXISTING SEWERLINE
- CLEANOUT PER RCSD STD. DWG. S2000.
- MANHOLE PER RCSD STD. DWG. S2030.
- SERVICE LATERAL PER RCSD STD. DWG. S2060.

INDEX MAP
 4 WATER IMPROVEMENT SHEETS
 6 SEWER IMPROVEMENT SHEETS

ABBREVIATIONS & SYMBOLS

- | | |
|-------|----------------|
| DEFL. | DEFLECTION |
| PT | POINT |
| GB | GRADE BREAK |
| R/W | RIGHT OF WAY |
| TC | TOP OF CURB |
| FL | FLOWLINE |
| BC | BEGIN OF CURVE |
| EC | END OF CURVE |
| E | CENTERLINE |
| LAT. | LATERAL |
| FH | FIRE HYDRANT |
| ESMT | EASEMENT |
| MH | MANHOLE |
| PMT | PAVEMENT |
| INV | INVERT |
| EX. | EXISTING |
| MIN. | MINIMUM |
| TYP. | TYPICAL |
| LF | LINEAR FEET |
| EA. | EACH |

NOT IN CONTRACT NOTE:
 SS LINE 'C' NOT PER THIS CONTRACT AND WILL BE CONSTRUCTED AT A LATER DATE

WE WORK SHALL BE DONE ON THIS SITE UNDER CLOSE SUPERVISION OF OFFICERS OF THE DISTRICT TO GUARANTEE UNDERGROUND SERVICE ALERT

811
 Call TOLL FREE
 THE MISSING DATA BEFORE YOU DIG

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING DATE
 REC 48798
 VOID AFTER ONE YEAR FROM THIS DATE

| REV | DATE | BY | REVISION |
|-----|------|----|----------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



HUNSAKER & ASSOCIATES
 ENGINEERING, ARCHITECTURE, SURVEYING
 1100 N. UNIVERSITY BLVD., SUITE 100
 RICHMOND, MISSOURI 64117

APPROVED BY: *Tina N. Hunsaker*
 REGISTERED ENGINEER No. 89273 DATE: 7/19/24

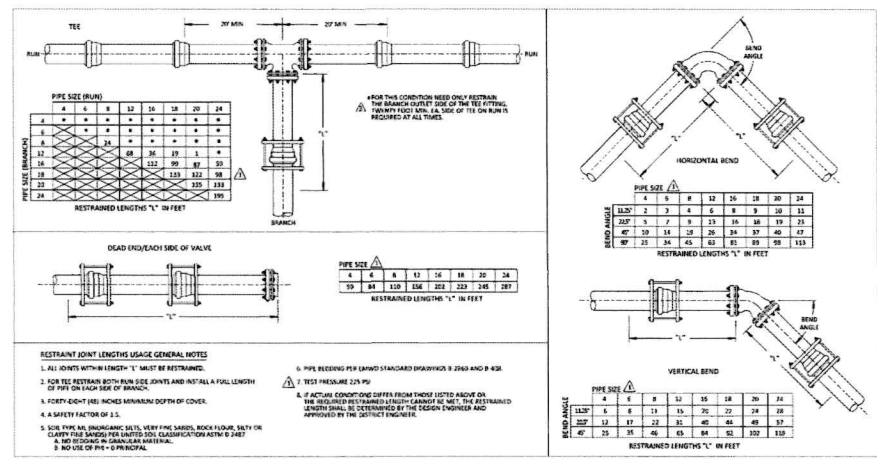
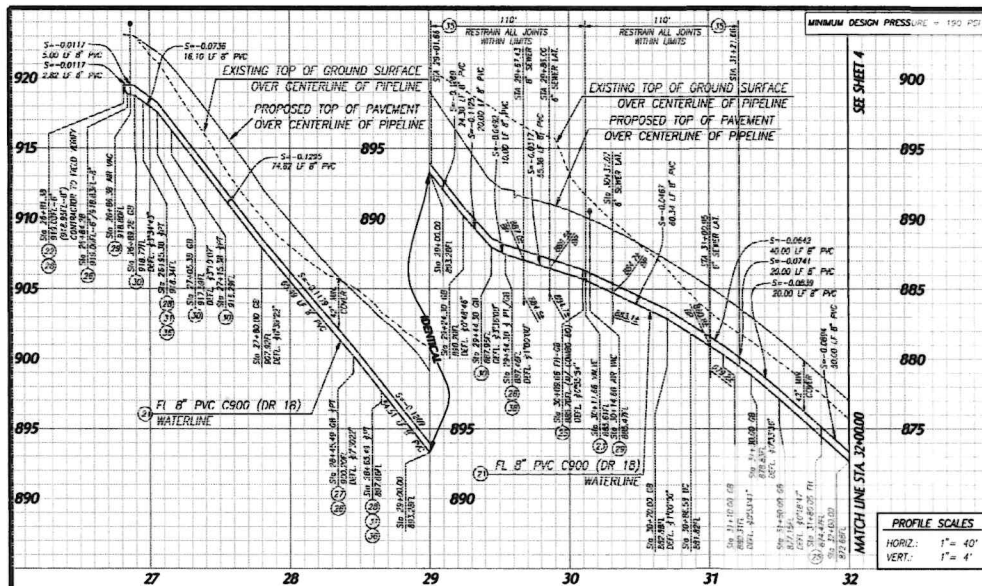
SCALE: AS SHOWN

| | |
|------------|----|
| FIELD BOOK | |
| DESIGN | TS |
| DRAWN | TS |
| CHECKED | TH |

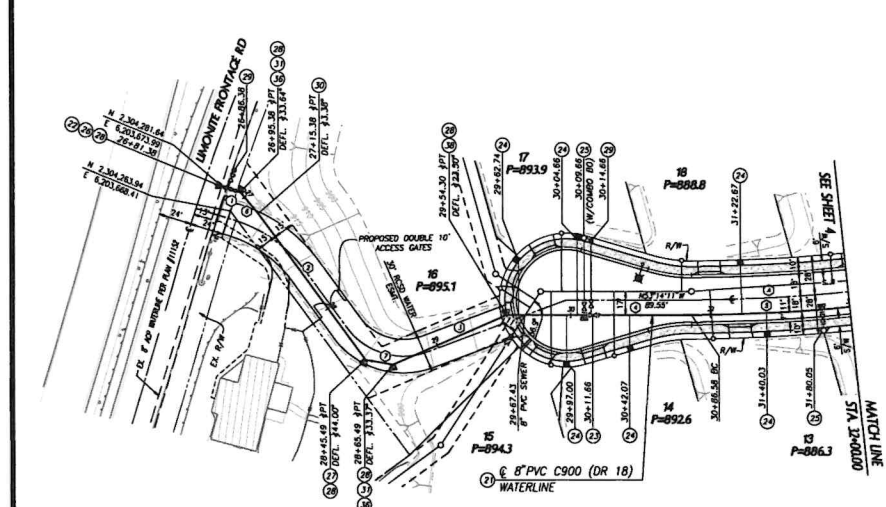
RUBIDOUX COMMUNITY SERVICES DISTRICT

TRACT 38171 - COUNTRYSIDE ESTATES
SEWER AND WATER IMPROVEMENT PLANS
INDEX MAP

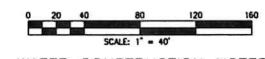
SHEET
2
 OF 9 SHEETS
 RCSD PLAN NO.



STANDARD RESTRAIN TEE, DEAD END, BEND FOR PVC C-900



SADDLEHORN LN



WATER CONSTRUCTION NOTES

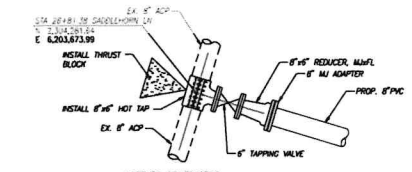
21. INSTALL 8" PVC C-900, DR-18 WATER MAIN FROM AND BACKUP PER RCD STD. DWG. NO. C20
22. INSTALL 8" HOT TAP WITH 6" TAPPING VALVE
23. INSTALL 6" GATE VALVE AND BOX PER RCD STD. DWG. NO. W1020
24. INSTALL 1" WATER SERVICE AND METER PER RCD STD. DWG. NO. W1100
25. INSTALL 6" FINE HYDRANT ASSEMBLY PER RCD STD. DWG. NO. W1000
26. INSTALL 8" CLASS 350 DR EXCEPTING REDUCER, MANFL
27. INSTALL 6" 45° CLASS 350 DR BEND, MANFL
28. INSTALL THRUST BLOCK PER RCD STD. DWG. NO. D40
29. INSTALL 1" AIR VALVE PER RCD STD. DWG. NO. W1070
30. INSTALL RESTRAINED HIGH DEFLECTION COUPLING
31. INSTALL 6" 22.5° CLASS 350 DR BEND, MANFL
32. RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3
33. INSTALL 6" 11.25° CLASS 350 DR BEND, MANFL
34. INSTALL 6" 22.5° CLASS 350 DR BEND, MANFL

WATER DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|---------------|----------|---------|
| 0° | N 30°23'42" W | 14.00' | - |
| 0° | N 02°37'46" E | 7.30 11' | - |
| 0° | N 79°41'17" W | 88.81' | - |
| 0° | N 52°14'17" W | 132.38' | - |
| 0° | 02°50'38" | 1111.00' | 112.42' |
| 0° | N 02°45'13" W | 20.00' | - |
| 0° | N 43°22'14" W | 20.00' | - |

STREET DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|-----------|----------|---------|
| 0° | 02°50'38" | 1100.00' | 112.30' |
| 0° | 02°50'38" | 1100.00' | 112.30' |



NOTE TO CONTRACTOR:
PRIOR TO CONSTRUCTION, CONTRACTOR TO COORDINATE WITH RCD FOR INSPECTION, TESTING AND OTHER CONSTRUCTION REQUIREMENTS FOR CONNECTION TO EXISTING WATER MAIN.

STA 26+81.38 CONNECTION DETAIL
NOT TO SCALE

CONTRACTOR SHALL VERIFY EXISTING LOCATION AND VERIFY ELEVATION PRIOR TO CONSTRUCTION

NOTE:
"RESTRAINED JOINTS SHALL BE PROVIDED BY A CLAMPING RING AND AN ADDITIONAL RING DESIGNED TO SEAT ON THE BELL END OF THE PIPE. THE RINGS SHALL BE CONNECTED WITH T-HEAD BOLTS OR RODS. RESTRAINING DEVICES SHALL PROVIDE FULL (360 DEGREE) SUPPORT AROUND THE CIRCUMFERENCE OF THE PIPE. NO POINT LOADING SHALL BE PERMITTED. RESTRAINT OF MECHANICAL JOINT FITTINGS SHALL BE PROVIDED BY A CLAMPING RING INSTALLED ON THE PVC PIPE AND CONNECTED TO THE MECHANICAL JOINT FITTING WITH T-HEAD BOLTS OR RODS. RESTRAINING DEVICES SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM F-1674. RESTRAINING DEVICES SHALL BE UNI-FLANGE SERIES 1300, STAR PIPE PRODUCTS SERIES 1000, EBAA IRON SERIES 1500, OR EBAA SERIES 2000PY OR APPROVED EQUAL.
ALL BURIED STEEL PARTS SHALL BE SAND BLASTED IN ACCORDANCE WITH THE COATING MANUFACTURER'S TECHNICAL DATA SHEET FOR "SUBMERGED" SERVICE AND COATED WITH A TWO COAT EPOXY. EPOXY SHALL BE ENEMAC SERIES 56 OR EQUAL. ALL BOLTS AND TIE ROD MATERIALS SHALL BE EITHER HIGH STRENGTH CAST IRON CONTAINING A MINIMUM OF 0.5% COPPER OR HIGH-STRENGTH, LOW ALLOY STEEL, AS SPECIFIED IN ANNA C-111 FOR BURIED MECHANICAL JOINTS."

NO WORK SHALL BE DONE ON THIS PROJECT UNLESS ADEQUATE PROTECTION IS PROVIDED TO GUARANTEE UNDERGROUND SERVICES HEREIN.

Call TOLL FREE
811

THE MISSING DATE BEFORE THIS DATE

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING
REC 48798

DATE

VOID AFTER ONE YEAR FROM THIS DATE

| SYN | REVISION | DATE | BY |
|-----|----------|------|----|
| | | | |

ENGINEER OF RECORD'S SEAL

HUNSAKER & ASSOCIATES
PLANNING, ENGINEERING, SURVEYING
1100 N. 12th St., Suite 100, St. Louis, MO 63104

APPROVED BY
TIN N. HUNSAKER
REGISTERED ENGINEER NO. 88223
DATE 7/19/24

SCALE: V: 1"=40'
H: 1"=40'

FIELD PROOF

DESIGN: JS

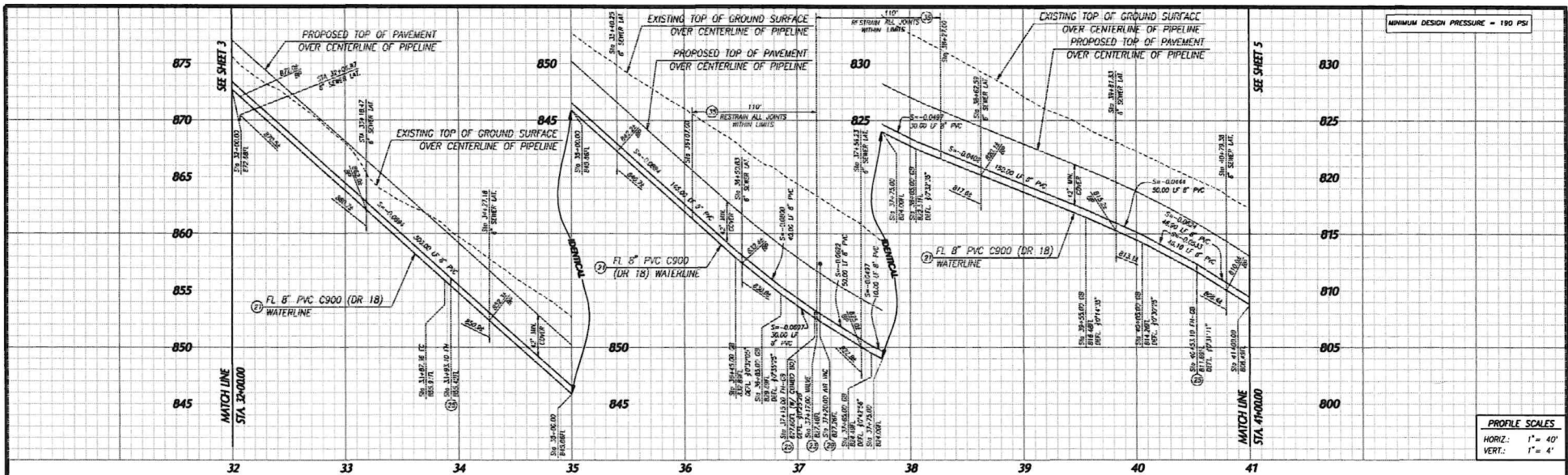
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RUBIDOUX COMMUNITY SERVICES DISTRICT

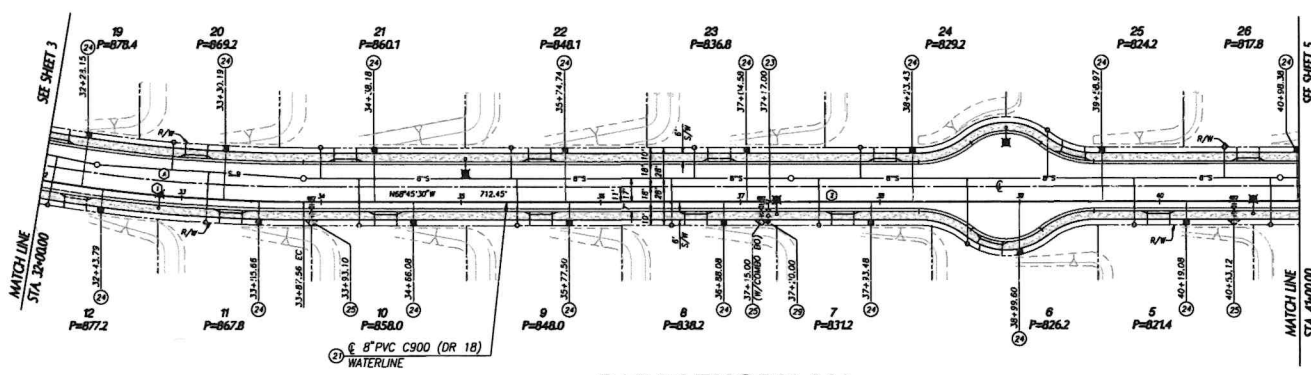
TRACT 38171 - COUNTRYSIDE ESTATES
WATER IMPROVEMENT PLANS
SADDLEHORN LN
STA. 26+81.38 TO STA. 32+00.00

SHEET
3
OF 9 SHEETS
RCD PLAN NO.



MINIMUM DESIGN PRESSURE = 180 PSI

PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'



SADDLEHORN LN

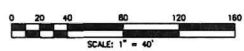
- WATER CONSTRUCTION NOTES**
- (1) INSTALL 8" PVC C-900, DR-18 WATER MAIN, TRENCH AND BACKFILL PER RCSD STD. DWG. NO. W1020
 - (2) INSTALL 1" GATE VALVE AND BOX PER RCSD STD. DWG. NO. W1100
 - (3) INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DWG. NO. W1150
 - (4) INSTALL 6" FIRE HYDRANT ASSEMBLY PER RCSD STD. DWG. NO. W1250
 - (5) INSTALL 1" AIR VALVE PER RCSD STD. DWG. NO. W1070
 - (6) RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3

WATER DATA TABLE

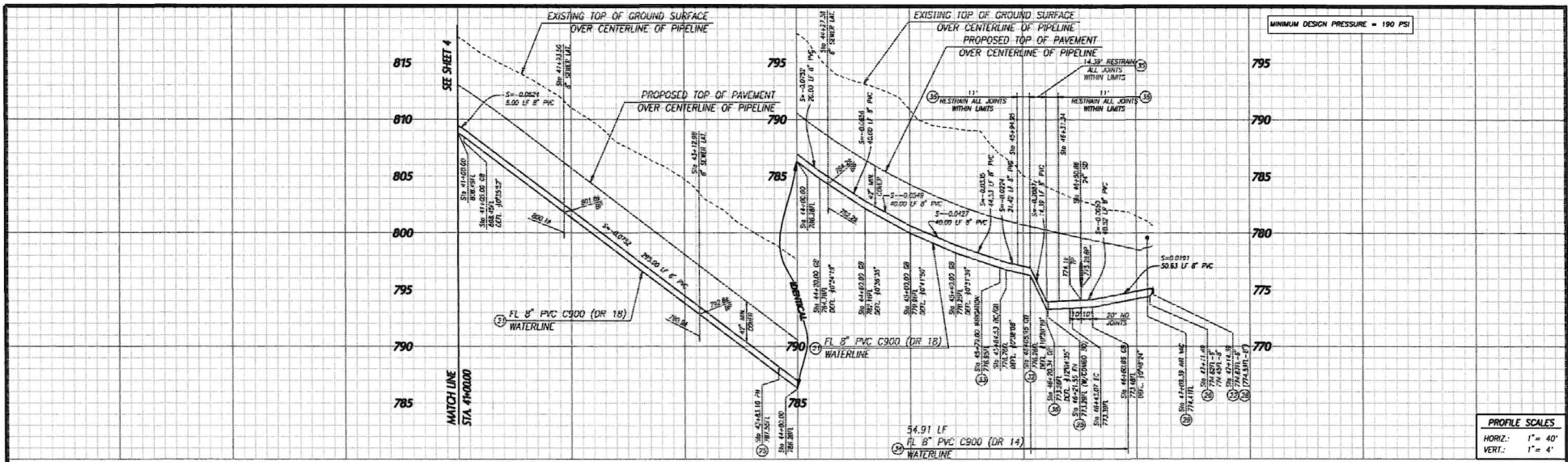
| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|----------|---------|---------|
| 0°40'21" | 1111.00' | 187.55' | 84.00' |
| N 86°45'30" W | - | 712.45' | - |

STREET DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|----------|---------|---------|
| 0°40'21" | 1100.00' | 185.70' | 83.07' |



| | | | | | |
|---|--|--|--|---|--|
| <p>NO WORK SHALL BE DONE ON THIS SITE UNLESS UNDER CLOSE SUPERVISION OF AN ENGINEER IN CHARGE OF OCCUPANT UNDERGROUND SERVICE AGENCY</p> <p>811 CALL TOLL FREE</p> | <p>APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION</p> <p>DIRECTOR OF ENGINEERING: _____ DATE: _____ RCE 48798</p> <p>VOID AFTER ONE YEAR FROM THIS DATE</p> | <p>ENGINEER OF RECORD'S SEAL</p> <p>HUNSAKER & ASSOCIATES P L L C REGISTERED ENGINEER No. 88213</p> <p>APPROVED BY: <i>[Signature]</i> TINI M. HUNSAKER REGISTERED ENGINEER No. 88213 DATE: 7/19/24</p> | <p>SCALE: V: 1"=4' H: 1"=40'</p> <p>FIELD BOOK: _____</p> <p>DESIGN: TS</p> <p>DRAWN: TS</p> <p>CHECKED: TH</p> | <p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p> <p>TRACT 38171 - COUNTRYSIDE ESTATES WATER IMPROVEMENT PLANS SADDLEHORN LN STA. 32+00.00 TO STA. 41+00.00</p> | <p>SHEET 4 OF 9 SHEETS RCSD PLAN NO.</p> |
|---|--|--|--|---|--|



MINIMUM DESIGN PRESSURE = 190 PSI

PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'

WATER CONSTRUCTION NOTES

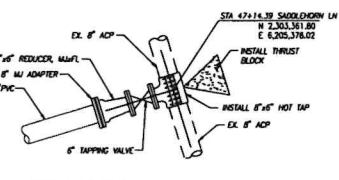
- 21 INSTALL 8" PVC C-900 (DR-18) WATER MAIN TRENCH AND BACKFILL PER RCSD STD. DWG. NO. C20
- 22 INSTALL 8" HOT TAP WITH 8" TAPPING VALVE
- 23 INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DWG. NO. W1100
- 24 INSTALL 1" FIRE HYDRANT ASSEMBLY PER RCSD STD. DWG. NO. W1050
- 25 INSTALL 8" CLASS 350 OR EQUIVALENT REDUCER, MANFL.
- 26 INSTALL THRUST BLOCK PER RCSD STD. DWG. NO. C40
- 27 INSTALL 1" AIR VALVE PER RCSD STD. DWG. NO. W1070
- 28 INSTALL 8" 11.25" CLASS 350 OR BEND, MANFL.
- 29 INSTALL 1" IRRIGATION SERVICE AND METER WITH BACKFLOW PREVENTOR PER RCSD STD. DWG. NO. W1130
- 30 INSTALL 8" PVC C-900 (DR-14) WATER MAIN TRENCH AND BACKFILL PER RCSD STD. DWG. NO. C20
- 31 RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3
- 32 INSTALL 8" 11.25" CLASS 350 OR BEND, MANFL.
- 33 REMOVE EXISTING FIRE HYDRANT AND LATERAL. INSTALL BLIND FLANGE AND EXISTING GATE VALVE.

STREET DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|---------|--------|---------|
| 11°38'24" | 300.00' | 60.77' | 30.49' |

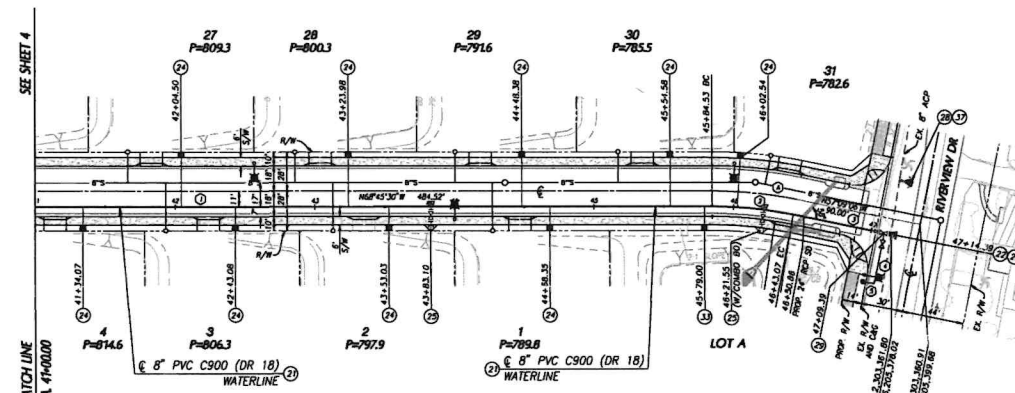
WATER DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|---------|---------|---------|
| N 68°45'30" W | - | 484.52' | - |
| N 11°38'24" W | 280.00' | 58.54' | 29.37' |
| N 57°09'00" E | - | 71.32' | - |
| N 32°50'54" E | - | 37.00' | - |
| N 57°09'00" E | - | 6.32' | - |



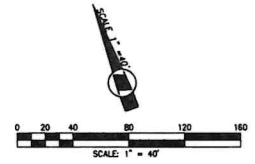
NOTE TO CONTRACTOR:
 PRIOR TO CONSTRUCTION, CONTRACTOR TO COORDINATE WITH RCSD FOR INSPECTION, TESTING AND OTHER CONSTRUCTION REQUIREMENTS FOR CONNECTION TO EXISTING WATER MAIN.

STA 47+14.39 CONNECTION DETAIL
 NOT TO SCALE



SADDLEHORN LN

CONTRACTOR SHALL VERIFY EXISTING LOCATION AND INVERT ELEVATION PRIOR TO CONSTRUCTION



WE WOULD BE PLEASED TO HAVE THE LOCAL GOVERNMENT AGENCY OF INTENTION TO CHANGE OR DISCONTINUE Underground Service Alert
 Call TOLL FREE
811
 THE HOURS ARE BEYOND YOU ARE

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING DATE
 RCE 48798
 VOID AFTER ONE YEAR FROM THIS DATE

| DATE | BY | REVISION |
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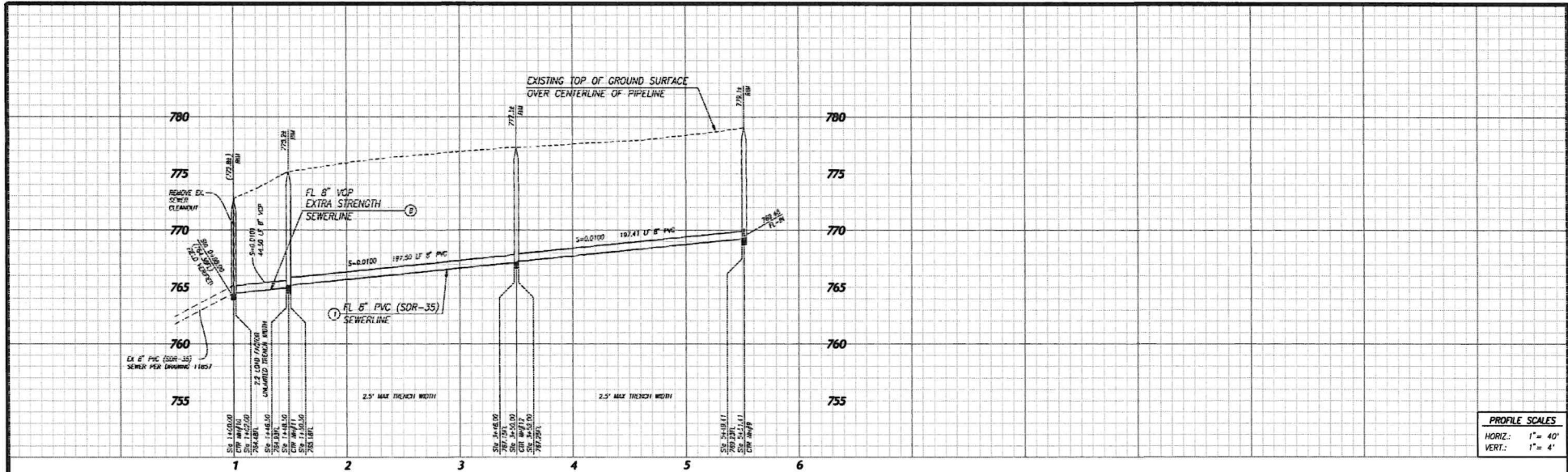
ENGINEER OF RECORD'S SEAL
 NO. 89273
 EXP. 06/30/2024
 STATE OF MISSOURI

HUNSAKER & ASSOCIATES
 L L P
 PLANNING • ENGINEERING • SURVEYING
 1000 N. GARDNER ST. SUITE 100
 ST. LOUIS, MO 63102
 APPROVED BY: TYN N. HUNSAKER
 REGISTERED ENGINEER No. 89273 DATE 7/19/24

SCALE: V: 1" = 4'
 H: 1" = 40'
 FIELD BOOK
 DESIGN: TS
 DRAWN: TS
 CHECKED: TH

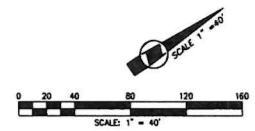
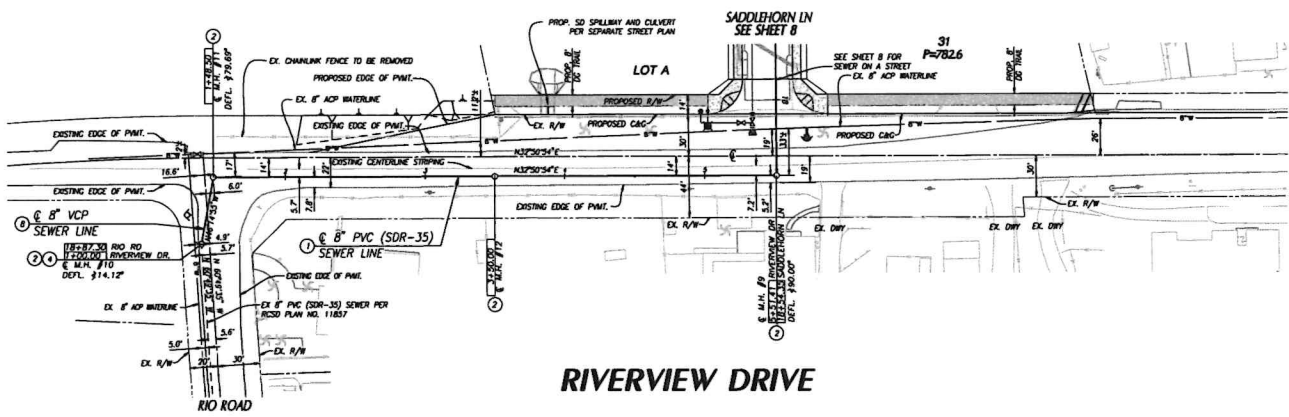
RUBIDOUX COMMUNITY SERVICES DISTRICT
 TRACT 38171 - COUNTRYSIDE ESTATES
 WATER IMPROVEMENT PLANS
 SADDLEHORN LN
 STA. 41+00.00 TO STA. 47+14.39

SHEET
5
 OF 9 SHEETS
 RCSD PLAN NO.



PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'

- SEWER CONSTRUCTION NOTES**
1. INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. C20
 2. CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. S2030
 3. REMOVE EXISTING SEWER CLEANOUT AND INTERFERING PORTIONS OF EX. 8" SEWER MAIN
 4. INSTALL 8" EXTRA STRENGTH VITRIFIED CLAY PIPE WITH COMPRESSION JOINTS PER RCSD STD. DWG. NO. S2010



NO WORK SHALL BE DONE ON THIS SITE UNLESS THE OWNER ASSURES IN WRITING OF INTENTION TO OBTAIN OR OCCUPY UNDERGROUND SERVICE ALERT
811
 Call TOLL FREE
 THE WORKING DAYS BEFORE THE JOB

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING DATE
 REC 48788
 VOID AFTER ONE YEAR FROM THIS DATE

| NO. | REVISION | DATE | BY |
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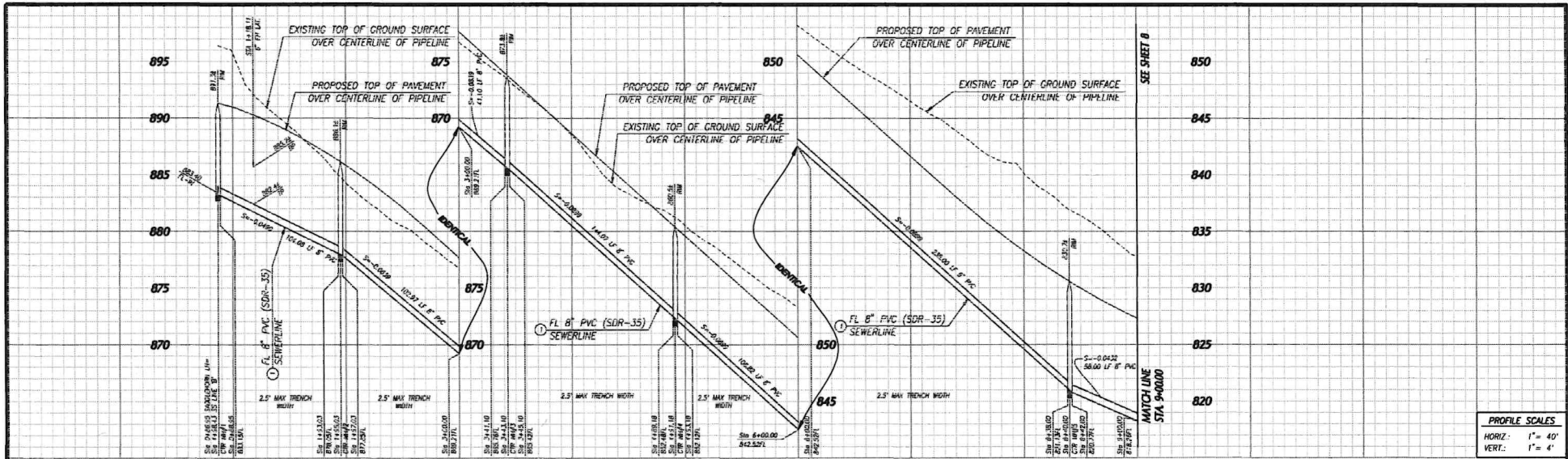
ENGINEER OF RECORD'S SEAL
 NO. 59273
 CIVIL
 STATE OF MISSOURI

HUNSAKER & ASSOCIATES
 REGISTERED ENGINEER No. 59273
 APPROVED BY: *[Signature]*
 TYN N. HUNSAKER
 REGISTERED ENGINEER No. 59273
 DATE: 7/19/24

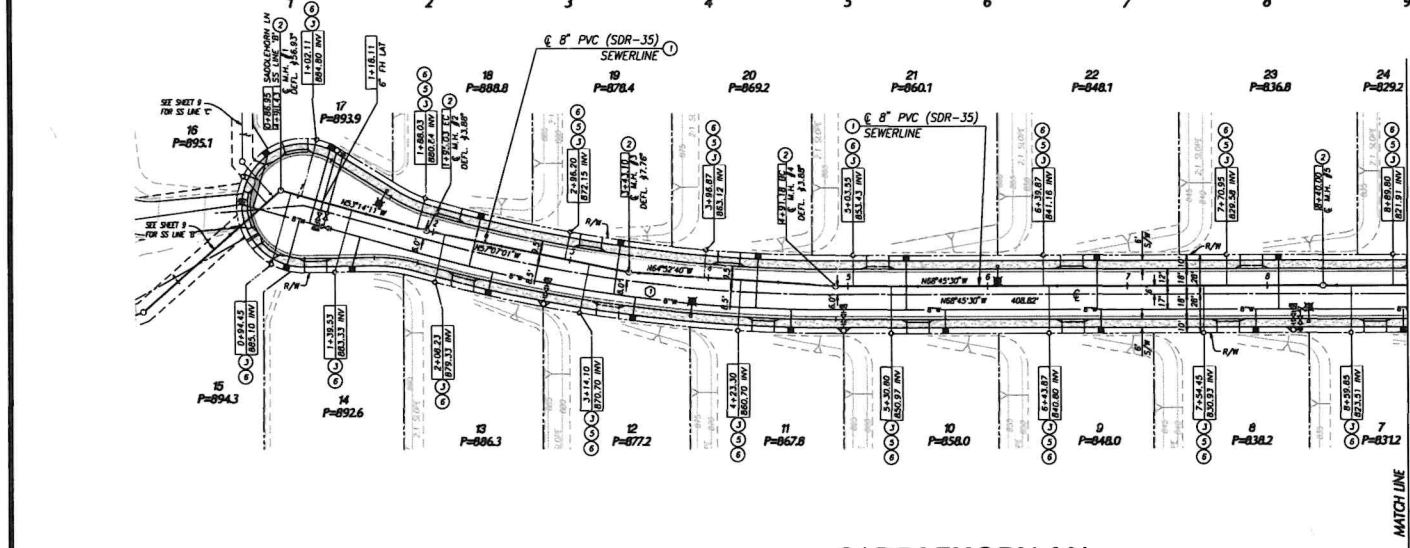
SCALE: H: 1" = 4'
 V: 1" = 40'
 FIELD BOOK
 DESIGN: JS
 DRAWN: JS
 CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
 TRACT 38171 - COUNTRYSIDE ESTATES
 SEWER IMPROVEMENT PLANS
 RIVERVIEW DRIVE
 STA. 1+00.00 TO STA. 5+51.41

SHEET
6
 OF 9 SHEETS
 RCSD PLAN NO.



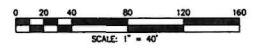
PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'



- SEWER CONSTRUCTION NOTES**
- ① INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. G20
 - ② CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. S2030
 - ③ INSTALL 6" PVC SDR-35 SEWER LATERAL PER RCSD STD. DWG. NO. S2080
 - ④ INSTALL BACKWATER VALVE PER RCSD STD. DWG. NO. S2110
 - ⑤ INSTALL 6" SEWER CLEANOUT PER RCSD STD. DWG. NO. S2070

STREET DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|----------|---------|---------|
| 15°31'19" | 1100.00' | 298.00' | 149.92' |



SADDLEHORN LN

NO WORK SHALL BE DONE ON THIS SHEET UNLESS AUTHORITY IS GRANTED BY THE DISTRICT ENGINEER. UNDERGROUND SERVICE ALERT CALL TOLL FREE 811

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING
 RCE 48788

DATE

VOID AFTER ONE YEAR FROM THIS DATE

| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
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ENGINEER OF RECORDS SEAL

NO. 85273
 Exp. 06/26/28

HUNSAXER & ASSOCIATES

REGISTERED PROFESSIONAL ENGINEER

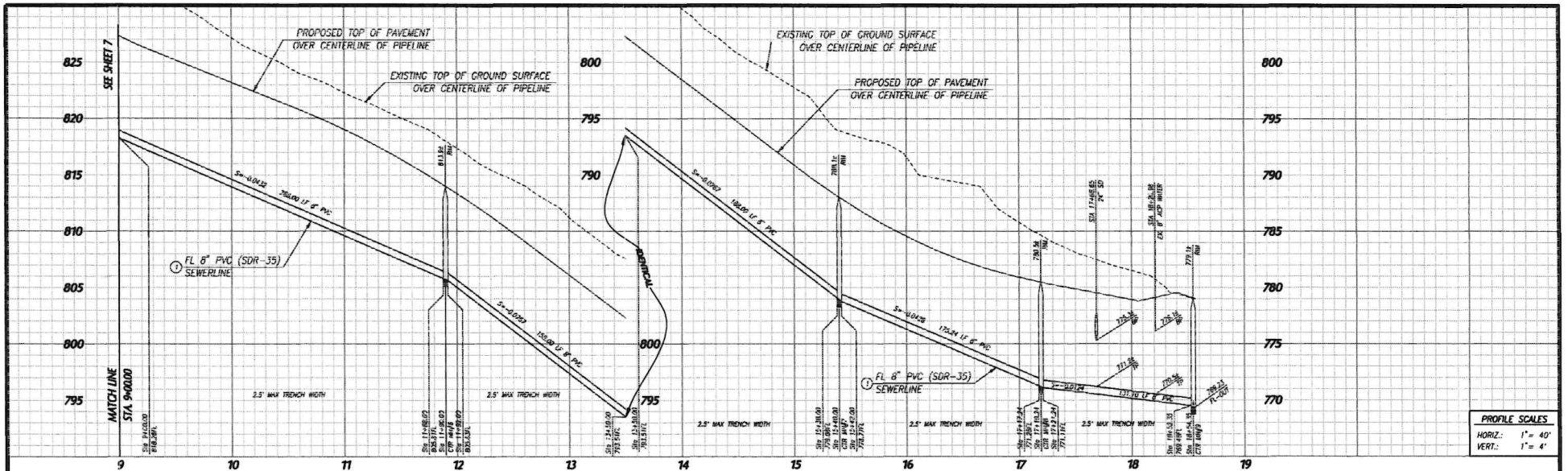
APPROVED BY
 TINA N. HUNSAXER
 REGISTERED ENGINEER No. 88273

DATE 7/19/24

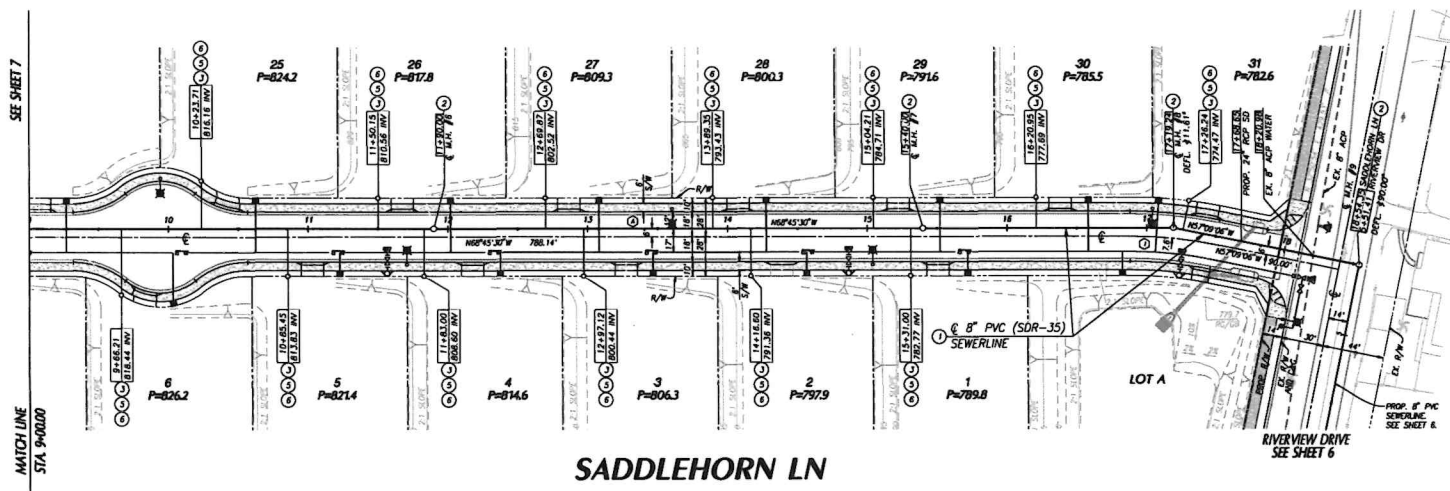
RUBIDOUX COMMUNITY SERVICES DISTRICT

TRACT 38171 - COUNTRYSIDE ESTATES
 SEWER IMPROVEMENT PLANS
 SADDLEHORN LN
 STA. 0+86.95 TO STA. 9+00.00

SHEET
7
 OF 9 SHEETS
 RCSD PLAN NO.



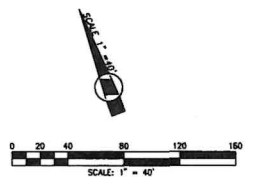
PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'



- SEWER CONSTRUCTION NOTES**
1. INSTALL 8" PVC SDR-35 SEWER MAIN PER ACSD STD. DWG. NO. 120
 2. CONSTRUCT 48" DIAMETER SEWER MANHOLE PER ACSD STD. DWG. NO. 52030
 3. INSTALL 6" PVC SDR-35 SEWER LATERAL PER ACSD STD. DWG. NO. 52080
 4. INSTALL BACKWATER VALVE PER ACSD STD. DWG. NO. 52110
 5. INSTALL 6" SEWER CLEANOUT PER ACSD STD. DWG. NO. 52070

STREET DATA TABLE

| BEARING/Delta | RADIUS | LENGTH | TANGENT |
|---------------|---------|--------|---------|
| 11°36'24" | 300.00' | 66.77' | 33.49' |



NO WORK SHALL BE DONE ON THIS DISTRICT WITHIN 100 FEET OF ANY UNDERGROUND SERVICE LINES UNLESS THE DISTRICT HAS BEEN ADVISED IN WRITING BY THE DISTRICT. UNDERGROUND SERVICE LINES ARE SHOWN ON THE PLAN. CALL BEFORE YOU DIG. 811

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING DATE
 VOID AFTER ONE YEAR FROM THIS DATE

| REV | DATE | BY | REVISION |
|-----|------|----|----------|
| | | | |
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ENGINEER OF RECORD'S SEAL

NO. 89223
 Exp. 04/26/28

HUNSAKER & ASSOCIATES
 REGISTERED ENGINEERS & SURVEYORS
 1100 N. HUNSAKER BLVD.
 ST. LOUIS, MO 63108

APPROVED BY: *[Signature]*
 TYN N. HUNSAKER
 REGISTERED ENGINEER No. 89213 DATE 7/19/24

SCALE: V: 1"=4'
 H: 1"=40'

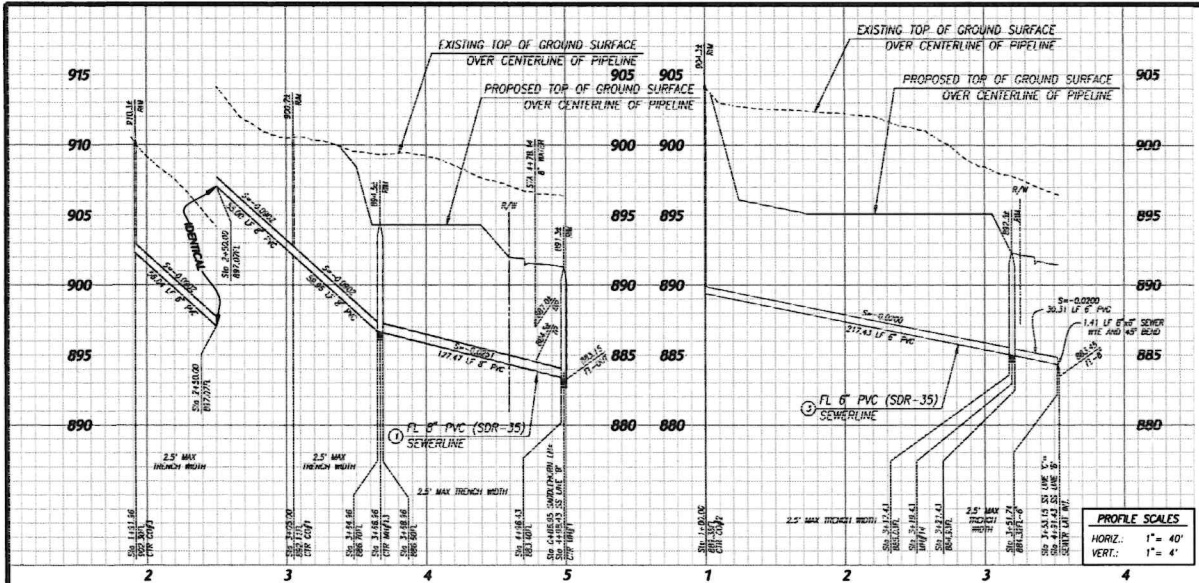
FIELD BOOK

DESIGN: TS
 DRAWN: TS
 CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT

TRACT 38171 - COUNTRYSIDE ESTATES
 SEWER IMPROVEMENT PLANS
 SADDLEHORN LN
 STA. 9+00.00 TO STA. 18+54.35

SHEET
8
 OF 9 SHEETS
 RCSD PLAN NO.



SS LINE 'B' PROFILE

SS LINE 'C' PROFILE
NOT IN CONTRACT SEE NOTE BELOW

PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 4'

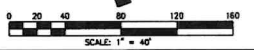
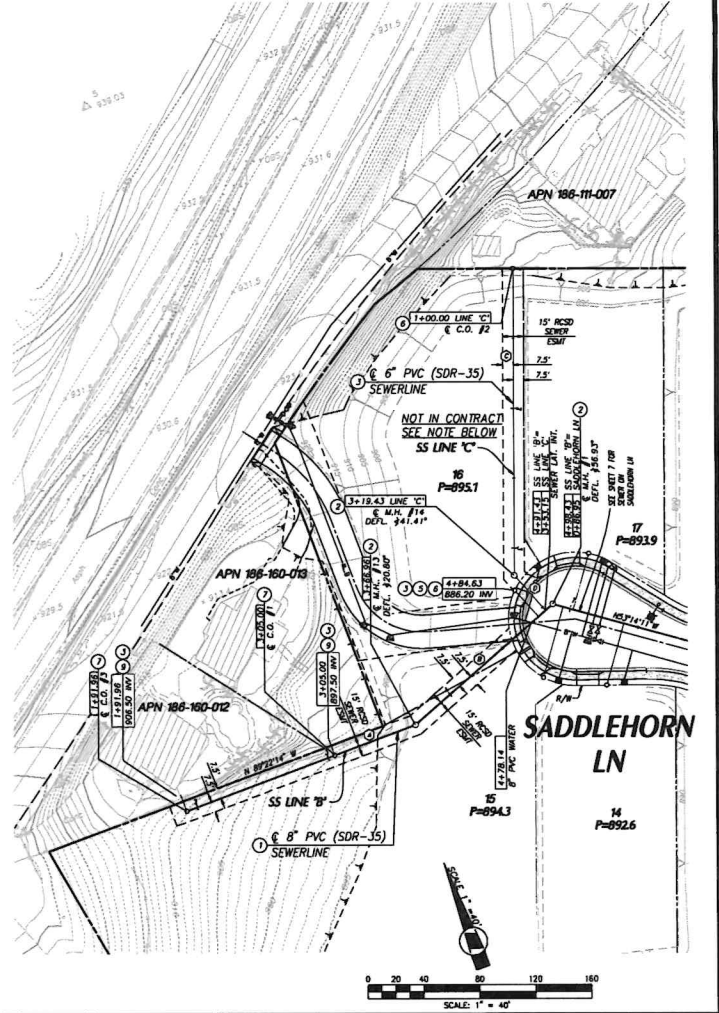
SEWER CONSTRUCTION NOTES

- ① INSTALL 6" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. C20
- ② CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. S2030
- ③ INSTALL 6" PVC SDR-35 SEWER LATERAL PER RCSD STD. DWG. NO. S2080
- ④ INSTALL BACKWATER VALVE PER RCSD STD. DWG. NO. S2110
- ⑤ INSTALL 6" SEWER CLEANOUT PER RCSD STD. DWG. NO. S2070
- ⑥ INSTALL 6" SEWER CLEANOUT PER RCSD STD. DWG. NO. S2070
- ⑦ INSTALL TEMPORARY 6" PVC END CAP FOR FUTURE CONNECTION BY OTHERS

SEWER DATA TABLE

| NO. | BEARING/Delta | RADIUS | LENGTH | TANGENT |
|-----|---------------|--------|---------|---------|
| ① | N 89°22'14" W | - | 123.00' | - |
| ② | N 89°49'45" E | - | 131.44' | - |
| ③ | N 217°4'30" E | - | 218.43' | - |
| ④ | N 20°10'11" W | - | 33.72' | - |

NOT IN CONTRACT NOTE:
SS LINE 'C' NOT PER THIS CONTRACT AND WILL BE CONSTRUCTED AT A LATER DATE



NO WORK SHALL BE DONE ON THIS SITE UNLESS AGENCY IN WRITING OF INTENTION TO SHARE OR CEASE. Underground Service Alert
Call: TOLL FREE
811
FOR SERVICE DATE BEFORE YOU DIG

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DIRECTOR OF ENGINEERING DATE
RCE 48798
VOID AFTER ONE YEAR FROM THIS DATE

| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
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ENGINEER OF RECORD'S SEAL
TIN N. HUNSAKER
NO. 89273
Exp. 08/2028
STATE OF CALIFORNIA

HUNSAKER & ASSOCIATES
PLANNING • ENGINEERING • SURVEYING
10000 Highway 99, Suite 100, Rocklin, CA 95765-1000
APPROVED BY: *[Signature]*
TIN N. HUNSAKER
REGISTERED ENGINEER No. 88213 DATE: 7/19/24

SCALE: 1" = 40'
FIELD BOOK:
DESIGN: TS
DRAWN: TS
CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
TRACT 38171 - COUNTRYSIDE ESTATES
SEWER IMPROVEMENT PLANS
SS LINE 'B'; STA 1+91.96 TO STA 4+98.43
SS LINE 'C'; STA 1+00.00 TO STA 3+53.15

SHEET
9
OF 9 SHEETS
RCSD PLAN NO.

8. **ACTION / DISCUSSION ITEMS** (continued)

- B. **CLOSED SESSION (4:30 PM)**: Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District

9. **DIRECTORS COMMENTS AND REQUESTS**

10. **NEXT MEETING**

Thursday, September 5, 2024, at 4:00 p.m.

11. ADJOURNMENT