



BEAUMONT-CHERRY VALLEY WATER DISTRICT
560 Magnolia Avenue, Beaumont, CA 92223

**NOTICE AND AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
ENGINEERING WORKSHOP**

*This meeting is hereby noticed pursuant to
California Government Code Section 54950 et. seq. and
under the provisions of Assembly Bill 361 and BCVWD Resolution*

**Thursday, September 29, 2022 - 6:00 p.m.
560 Magnolia Avenue, Beaumont, CA 92223**

COVID-19 NOTICE

This meeting of the Board of Directors is open to the public who would like to attend in person. COVID-19 safety guidelines are in effect pursuant to the Cal/OSHA COVID-19 Prevention Emergency Temporary Standards and the California Department of Public Health Recommendations

- **Face coverings are recommended for vaccinated and unvaccinated persons and should be properly worn over the nose and mouth at all times**
- **Maintain 6 feet of physical distancing from others in the building who are not in your party**

TELECONFERENCE NOTICE

The BCVWD Board of Directors will attend in person at the BCVWD Administrative Office or via Zoom Video Conference

To access the Zoom conference, use the link below:

<https://us02web.zoom.us/j/84318559070?pwd=SXlzMFZCMGh0YTFlL2tnUGlpU3h0UT09>

To telephone in, please dial: (669) 900-9128

Enter Meeting ID: 843 1855 9070 Enter Passcode: 113552

*For Public Comment, use the “**Raise Hand**” feature if on the video call when prompted, if dialing in, please dial *9 to “**Raise Hand**” when prompted*

*Meeting materials are available on
the BCVWD’s website:*

<https://bcvwd.org/document-category/regular-board-agendas/>

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BCVWD ENGINEERING WORKSHOP – SEPTEMBER 29, 2022

Call to Order: President Williams

Roll Call - Board of Directors

Pledge of Allegiance: Director Hoffman

Invocation: Director Slawson

Teleconference Verification

Roll Call

Public Comment

| | |
|--|-----------------------------|
| | President Lona Williams |
| | Vice President Andy Ramirez |
| | Secretary David Hoffman |
| | Treasurer John Covington |
| | Member Daniel Slawson |

PUBLIC COMMENT: RAISE HAND OR PRESS *9 to request to speak when prompted

At this time, any person may address the Board of Directors on matters within its jurisdiction which are not on the agenda. However, state law prohibits the Board from discussing or taking action on any item not listed on the agenda. Any non-agenda matters that require action will be referred to Staff for a report and possible action at a subsequent meeting. **Please limit your comments to three minutes.** Sharing or passing time to another speaker is not permitted.

ACTION ITEMS

Action may be taken on any item on the agenda. Information on the following items is included in the full Agenda Packet.

- 1. Adjustments to the Agenda:** In accordance with Government Code Section 54954.2, additions to the agenda require a 2/3 vote of the legislative body, or if less than 2/3 of the members are present, a unanimous vote of those members present, which makes the determination that there is a need to take action, and the need to take action arose after the posting of the agenda.
 - Item(s) to be removed or continued from the Agenda
 - Emergency Item(s) to be added to the Agenda
 - Changes to the order of the agenda
- 2. Request for Will Serve Letter for 1189 E. 6th Street (Further Identified as Riverside County Assessor's Parcel No. 418-122-028)** (pages 5 - 15)
- 3. Request for Will Serve Letter for Tentative Parcel Map No. 38463 (Further Identified as Riverside County Assessor's Parcel No. 405-110-001) located on Nancy Avenue, north of Cherry Valley Boulevard in the Community of Cherry Valley** (pages 16 - 23)
- 4. Resolution 2022-__:** Adopting the Amended 2022-2023 Annual Water Supply and Demand Assessment and Superseding Resolution 2022-21 (pages 24 - 45)
- 5. Authorize a Budget of \$58,000 for the District's Cost Share for Engagement of a Recycled Water Program Implementation Facilitator in Partnership with the City of Beaumont and the San Gorgonio Pass Water Agency** (pages 46 - 47)

6. **Resolution 2022-__**: Amendment to the 2022-2026 Capital Improvement Budget to include the American Avenue Waterline Replacement Project (P-2750-0095) (pages 48 - 66)
7. **Resolution 2022-__**: Amending the 2022-2026 Budget to Include the 2022-2023 Service Lateral Replacement Project (P-2750-0096) (pages 67 - 85)
8. **Approval of an Agreement between Beaumont-Cherry Valley Water District and County of Riverside for American Rescue Plan Act (ARPA) Funding Allocations** (pages 86 - 117)
9. **Board Discussion and Possible Action Regarding Well Drilling Activities at Assessor's Parcel Number 401-190-002 (9154 Lilac Lane)** (pages 118 - 129)
10. **Status of Local Emergency regarding the Impact of the Respiratory Illness Pandemic COVID-19 pursuant to Resolution 2020-07** (Report due every 60 days) (No written Staff Report)
11. **Status of Declared Local Emergencies related to Fires** (Report due every 60 days)
 - a. **Impact of the Apple Fire pursuant to Resolution 2020-17** (No Staff Report)
 - b. **Impact of the El Dorado Fire pursuant to Resolution 2020-20** (No Staff Report)

12. Reports for Discussion

a. Directors' Reports

In compliance with Government Code § 53232.3(d), Water Code § 20201, and BCVWD Policies and Procedures Manual Part II Policies 4060 and 4065, directors claiming a per diem and/or expense reimbursement (regardless of preapproval status) will provide a brief report following attendance.

- Collaborative Agencies Committee on September 7, 2022 (Ramirez)
- San Geronio Pass Economic Development Alliance on September 15, 2022 (Hoffman, Slawson)
- Beaumont Chamber of Commerce Annual State of the City Dinner on September 22, 2022 (Covington, Hoffman, Ramirez, Slawson, Williams)

b. Directors' General Comments

c. General Manager's Report

d. Legal Counsel Report

13. Action List for Future Meetings

- Presentation on the San Bernardino Valley Resource Conservation District
- Water supply for BCVWD and the region
- Matrix for delivery of recycled water
- Maintenance costs at 800-hp well sites

14. Announcements

Check the meeting agenda for location and/or teleconference information:

- Beaumont Basin Watermaster Committee: Wednesday, Oct. 5 at 11 a.m.
- Finance and Audit Committee Meeting: Thursday, Oct. 6 at 3 p.m.
- Regular Board Meeting: Wednesday, Oct. 12, at 6 p.m.
- Personnel Committee Meeting: Tuesday, Oct. 18 at 5:30 p.m.
- Engineering Workshop: Thursday, Oct. 27 at 6 p.m.
- Collaborative Agencies Committee: Wednesday, Nov. 2 at 5 p.m.

15. Closed Session

- a. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
Pursuant to Government Code Section 54947
Title: General Manager
- b. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Significant exposure to litigation pursuant to paragraph (2) of
Subdivision (d) of California Government Code Section 54956.9
(One case concerning claims to water based upon Hannon Agreement.)

16. Report on Closed Session

17. Adjournment

NOTICES

AVAILABILITY OF AGENDA MATERIALS - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont-Cherry Valley Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, at 560 Magnolia Avenue, Beaumont, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available in the Board Room at the District Office. Materials may also be available on the District's website: www.bcvwd.org.

REVISIONS TO THE AGENDA - In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 72 hours prior to the Board Meeting.

REQUIREMENTS RE: DISABLED ACCESS - In accordance with §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the District Office, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. The District Office may be contacted by telephone at (951) 845-9581, email at info@bcvwd.org or in writing at the Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

CERTIFICATION OF POSTING

A copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Beaumont-Cherry Valley Water District and to its website at least 72 hours in advance of the meeting (Government Code §54954.2(a)).



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 2

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Request for Will Serve Letter for 1189 E. 6th Street (Further Identified as Riverside County Assessor's Parcel No. 418-122-028)

Staff Recommendation

Consider the request for water service "*Will Serve Letter*" (WSL) for the proposed development located on Pennsylvania Avenue, north of the I-10 Freeway, currently identified as **Riverside County Assessor's Parcel No. (APN) 418-122-028** within the City of Beaumont, subject to payment of all fees to the District and securing all approvals from the City of Beaumont and:

- A. Approve the Application for Water Service and furnish the WSL
or;
- B. Deny the Application for Water Service

Background

The Applicant, Beyond Foods (Thomas Love), has requested water service from the District for a proposed gas station, a 5,185 sq. ft. convenience store (C-Store) and a 1,404 sq. ft. automated car wash to be constructed on an existing parcel of land located at the southwest corner of Pennsylvania Avenue and 6th Street in the City of Beaumont (see Figure 1 – APN 418-122-028 Beyond Foods Vicinity Map). District staff understands that the Project site consists of one (1) 1.33-acre parcel, based on the site plan provided by the Applicant on February 23, 2022 (See Figure 2 – APN 418-122-028 Site Plan).

On July 22, 2021, the Applicant's engineer requested requirements for a plan check submittal. Responding the same day, District staff informed the Applicant's engineer what the District's requirements were. On October 13, 2021, not having heard from the applicant and District staff and noticing that grading activities had begun on the proposed project site, District staff reached out to the Applicant's engineer requesting they contact the District regarding the need for an approved WSL for the Project and identified all District requirements necessary to process said needed WSL request to be considered a complete packet (including estimated water consumptions). District Staff has just recently received the information necessary to complete the application process (received September 7, 2022)

Figure 2 identifies the location of the gas station, C-Store, and automated car wash. On February 28, 2022, the Applicant's contractor provided a plumbing plan with fixture units which District staff presumes the Applicant believed would satisfy the water consumption data needs. District staff identified to the applicant that this was not sufficient since the District does not use this type of information to calculate water consumption averages due to many variables that aren't included in fixture unit figures. Subsequently, District staff requested a meeting to review and discuss the issues around water consumption and connection details. The District met with the Applicant and development team on March 23, 2022, to discuss the Project and the required water consumption. District staff again requested the Applicant provide the District the estimated water consumption for the overall Project, further identifying that the submitted fixture unit information identified on



the plumbing plan did not satisfy the water consumption requirement. The Applicant's engineer identified he would provide the required consumption information.

The District did not hear from the Applicant's engineer regarding water consumption from the March 23, 2022 meeting until the Applicant's contractor reached out to District staff in August checking the status of the Project and District staff informed said Applicant's contractor that the request for WSL application was still considered incomplete by the District.

At that time, the Applicant's contractor requested that District staff analyze water consumption at a gas station located at Beaumont Avenue and 1st Street (450 E. 1st Street) which according to the Applicant's contractor, will consist of similar use, but was not a development owned or operated by Beyond Foods. The Applicant explained that Beyond Foods split from ampm (Arco Gas) and formed their own convenient store development firm. The Applicant further identified that their business model mirrors the ampm (Arco Gas) model and has requested the District prepare an analysis with the assumption that the new proposed development will have similar consumptions as those of the similar business located at Beaumont Avenue and 1st Street (450 E. 1st Street).

The District performed a water consumption audit for the gas station located at Beaumont Avenue and 1st Street to estimate an average water consumption for the proposed development at 1189 E. 6th Street. The estimated domestic water consumption was 500 GPD for the C-Store component and 1,790 GPD for the automated car wash component (These estimates are based on actual consumption records at 450 E. 1st Street from 2010 to 2022). The said overall development's estimated domestic water consumption is identified in Table 1:

TABLE 1: Estimated Domestic Water Consumption (By Development Type)

| Component | Est. Consumption (GPD) | Est. Water Demand (EDUs) |
|---|------------------------|--------------------------|
| C-Store | 500 GPD | 1.0 EDUs |
| Car Wash | 1,790 GPD | 3.7 EDUs |
| Total Equivalent Dwelling Units (EDUs) | | 4.7 EDUs |

District staff identifies that there is only one (1) water meter at 450 E. 1st Street. The estimated water consumption for the C-Store component was derived from consumption averages from other existing C-Stores within the District's service area. From that analysis, the car wash component was proportioned to be the remainder of the total estimated domestic water consumption.

Based upon District staff's analysis as shown on Table 1, the total estimated domestic water demand is approximately 2,290 GPD or 4.7 EDUs, with the allocation of 1 EDU for the C-Store component and 3.7 EDUs for the automated car wash component.

The irrigation water demand estimate is 200 GPD (0.4 EDUs).

TABLE 2: Estimated Irrigation Water Consumption

| Water Source | Est. Consumption (GPD) | Est. Water Demand (EDUs) |
|---|------------------------|--------------------------|
| Irrigation | 200 GPD | 0.4 EDUs |
| Total Equivalent Dwelling Units (EDUs) | | 0.4 EDUs |



The District compared irrigation water consumption from a similar project and identified an average of 200 GPD or 0.4 EDUs.

TABLE 3: Total Estimated Water Consumption

| Water Source | Est. Consumption (GPD) | Est. Water Demand (EDUs) |
|--------------|------------------------|--------------------------|
| Domestic | 2,290 GPD | 4.7 EDUs |
| Irrigation | 200 GPD | 0.4 EDUs |

Total Equivalent Dwelling Units (EDUs) 5.1 EDUs

The total estimated water consumption for domestic and irrigation is 2,490 GPD or 5.1 EDUs.

On October 8, 2014, the Beaumont-Cherry Valley Water District's Board of Directors (Board) adopted a Resolution (see Figure 4 – Resolution 2014-05) precluding the approval of a request for the issuance of any WSL under a specific set of conditions associated with drought declarations in the State of California and District water storage conditions. Said conditions that appear to apply to this project are identified in the Resolution under item 2 (a), (b). Staff further identifies that the proposed Project may be subject to Resolution 2014-05 due to the proposed project's estimated water consumption exceeding two (2) equivalent dwelling units.

District staff has notified the Applicant that they have initiated the construction of the site without a WSL for the Project and are developing the site at their own risk. The Applicant's contractor has further stated that there is a water meter on-site and that they should be "grandfathered in" to take service from the District. District staff has researched the documentation pertaining to the on-site water meter and has determined that the water meter was installed for the AutoZone development directly to the west (1151 E. 6th Street). When AutoZone constructed the water main in Massachusetts Avenue, the service feeding Auto Zone was relocated to Massachusetts Avenue, therefore, District staff identifies that based upon the service origination activity, there was not a water service provided for this parcel's development, and therefore the Contractor's claim for grandfathering in due to past service appears to District staff to be without basis.

APN 418-122-028 is within the District's Service Area Boundary. There is a 12-inch Asbestos Cement Pipe (ACP) domestic water main (PZ 2750) fronting 6th Street and a 12-inch ACP domestic water main (PZ 2750) fronting Pennsylvania Avenue.

The District has determined that there is no existing non-potable infrastructure fronting the property, and the District does not have a non-potable pipeline planned for this portion of Pennsylvania Avenue and 6th Street.

Final domestic and irrigation meter sizes will be determined by the Applicant. Fire Flow requirements will be determined by the County of Riverside Fire Department and said requirements will dictate actual required Fire Hydrant Fire Flows to the property. The Applicant will need to secure other necessary approvals from the City of Beaumont and/or County of Riverside.



Conditions:

Should a WSL be issued, the Applicant shall conform to all District requirements for water service and all City of Beaumont requirements.

1. The Applicant will be required to pay commercial front-footage fees along all property frontages where facilities are currently installed.
2. The Applicant will be required to install a fire service connection(s) to support the City of Beaumont/County of Riverside Fire Department's requirement for on-site fire hydrants.
3. Service (fire, potable, and irrigation) for the Project shall be taken from 6th Street.
4. The District reserves the right to review annual consumption data (water consumption audit) and adjust the applicant Facilities Fees (at final buildout of the Project and when project facilities are fully utilized) for any amount greater than 5.1 EDUs (1 EDU [500 gpd] for the C-Store, 3.7 EDUs [2,290 gpd] for the car wash, and 0.4 EDUs [200 gpd] for irrigation) which is currently identified in Tables 1, 2, and 3.
5. In the event the Applicant constructs facilities which require additional water, the Applicant may be required to upgrade the domestic service to facilitate the domestic consumption requirements and shall Apply to the Board of Directors (in writing) for consideration and if approved, pay additional Facilities Fees related to the increased consumption.
6. To minimize the use of potable water, the District requires the applicant conform to the City of Beaumont Landscaping Ordinances and Zoning Requirements and/or County of Riverside Landscaping Ordinances (whichever is applicable) which pertain to water efficient landscape requirements and the following:
 - a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall and automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
 - b. Landscaping in non-turf areas should be drought tolerant consisting of planting materials native to the region. Irrigation systems for these areas should be drip or bubbler type.
 - c. The Landscaping Ordinance requiring no turf within the front yards of all residences as set forth by the City of Beaumont Landscape Ordinance shall not be modified by either the Developer and/or the Homeowner. Specifically, the District will provide service so long as no turf is installed within the front yards as set forth in said City of Beaumont's Landscape Ordinance.
 - d. The District will provide service so long as landscape areas are not installed with, converted to, or modified to non-functional turf as set forth in the City of Beaumont's Landscape Ordinance.
7. The Applicant shall conform to all District requirements and all City of Beaumont requirements.



Fiscal Impact:

None. All fees and deposits will be paid by the Applicant prior to providing service.

Attachments

Figure 1 – APN 418-122-028 Beyond Foods Vicinity Map

Figure 2 – APN 418-122-028 Site Plan

Figure 3 – Water Consumption Comparison Justification Letter, submitted September 7, 2022

Figure 4 – Resolution 2014-05

Application for Water Service for APN 418-122-028

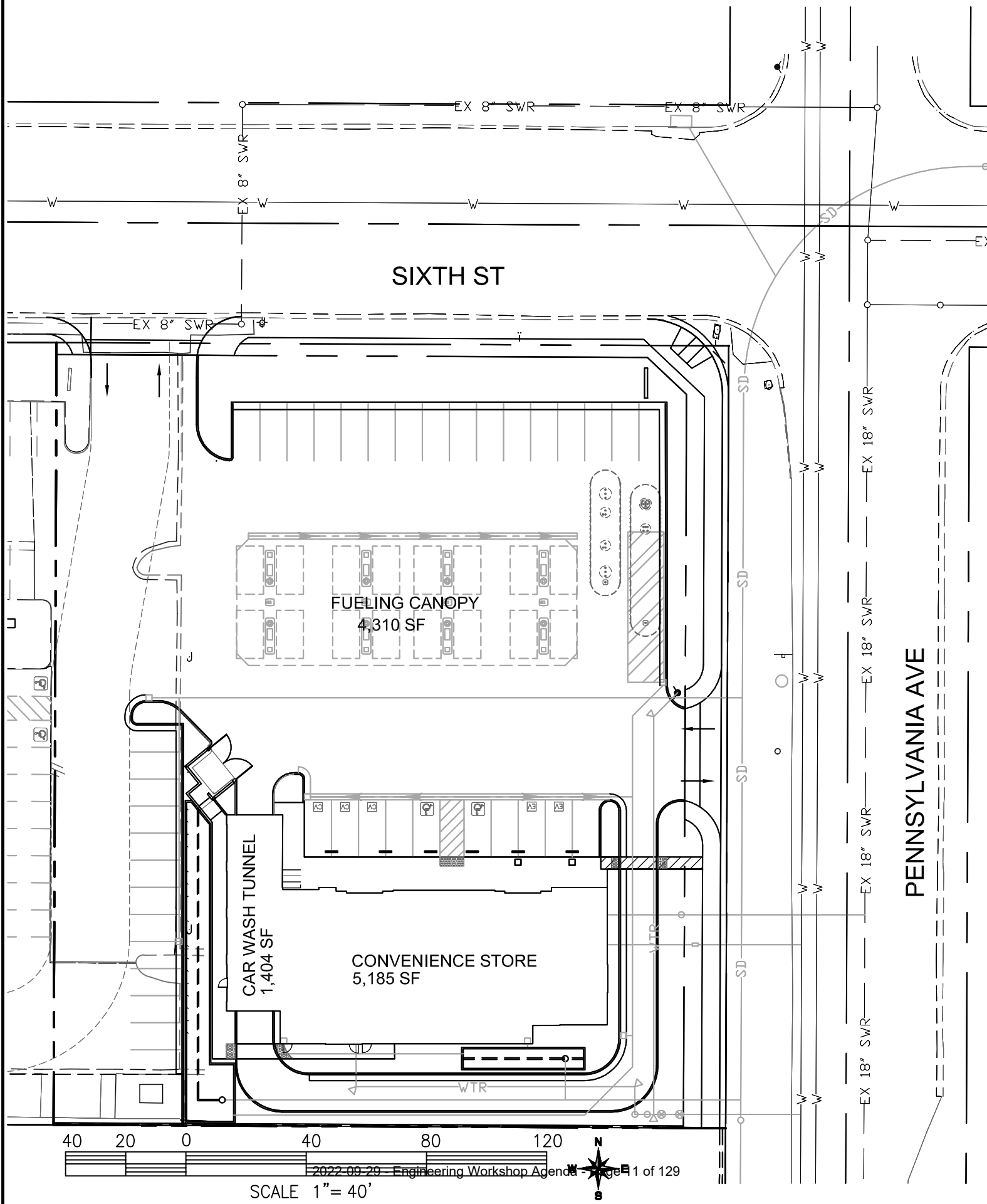
Staff Report prepared by Aaron Walker, Development Services Technician



**FIGURE 1 – APN 418-122-028
Beyond Foods Vicinity Map**



FIGURE 2 - APN 418-122-028 SITE PLAN



SCALE 1" = 40'

**FIGURE 3 - WATER CONSUMPTION COMPARISON JUSTIFICATION LETTER
SUBMITTED SEPTEMBER 7, 2022**

BEYOND FOOD MART INC
4300 Edison Avenue
Chino, CA 91710

Aaron Walker
BEAUMONT CHERRY VALLEY WATER DISTRICT
aaron.walker@bcvwd.org

**RE: WATER CONSUMPTION ANALYSIS AND DOCUMENTATION FOR
NEW BEYOND FACILITY : 1189 E 6th Street, Beaumont, CA 92223**

Dear Aaron,

Per the request of the District, attach please find the consumption information for the current operating facility located at:

450 E. 1st Street in Beaumont , CA.

The existing facility and the new proposed facility are very similar in size and uses. Both are 5000 square feet (+/-)and feature the C-store and carwash uses.

Although they have different branding, the stores will have the same operator and will share some of the same staff.

We are submitting this information in support of our request for a Will Serve Letter from the District.

We understand that the District will make a determination and condition our services based on this submittal.

Please let me know if there is anything else you may require.



MICHAEL RAMIREZ

BEYOND FOOD MART

REAL ESTATE DIVISION

mramirez@beyondfoodmart.com

760.810.8548

FIGURE 4 - RESOLUTION 2014-05

RESOLUTION 2014-05

A RESOLUTION OF THE BOARD OF DIRECTORS OF BEAUMONT-CHERRY VALLEY WATER DISTRICT PRECLUDING THE APPROVAL OF A REQUEST FOR THE ISSUANCE OF ANY WILL SERVE LETTER UNDER THE CIRCUMSTANCES STATED HEREIN SUBJECT TO THE EXCEPTIONS STATED HEREIN

WHEREAS, This Board has discussed and desires to adopt a policy which will suspend the issuance of will serve letters which will add demand to the District's water supplies not previously considered and approved by this Board during conditions specified herein.

WHEREAS, This policy is intended to avoid requiring conservation by presently served ratepayers in order to protect available supplies while simultaneously creating new demand on those supplies and to preserve the rights of persons who have relied on the issuance of a will serve letter by annexing to the District or paying fees or constructing infrastructure in consideration of the issuance of a will serve letter.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Beaumont-Cherry Valley Water District declares the following:

1. Subject to the exceptions stated in Paragraph 2 below, this Board shall not issue a will serve letter when:
 - (a) A condition of drought exists in the State of California as declared by the Governor of the State of California,
 - (b) There is in effect mandatory conservation measures applicable to the District's ratepayers imposed directly by the State of California, or imposed by implementation of District conservation measures in accordance with the District's Urban Water Management Plan and
 - (c) The quantity of the District's ready to deliver water supplies is less than a projected demand of five years based on the District's then current annual demand.
2. The following applications shall be excepted from the prohibition of the issuance of will serve letters stated in Paragraph 1 of this Resolution:
 - (a) An application for residential or commercial water use reasonably estimated to constitute an annual demand equal to or less than 2 (two) EDU's;
 - (b) An application for service to property as to which a will serve letter previously has been issued and the recipient of that letter or his or her successor in interest has relied on the letter in paying fees to the District, annexing the subject property to the District or constructing District infrastructure in order to provide service to the subject property.
3. The District Secretary shall certify the adoption of this Resolution.

ADOPTED AND APPROVED this 8th day of October, 2014



Chairman

I, Daniel Slawson, Secretary of the Beaumont-Cherry Valley Water District Board of Directors, do hereby certify that the foregoing Resolution was adopted at a regular meeting of the Beaumont-Cherry Valley Water District Board of Directors, held on the 8th day of October, 2013, by the following vote:

| | |
|--------------|------------------------------------|
| AYES: 3 | BOARDMEMBERS: Ross, Guldseth, Ball |
| NOES: 1 | BOARDMEMBERS: Slawson |
| ABSENT: 1 | BOARDMEMBERS: Woll (vacant seat) |
| ABSTAINED: 0 | BOARDMEMBERS: |

ATTEST:



Secretary



BEAUMONT CHERRY VALLEY WATER DISTRICT

560 Magnolia Avenue • PO Box 2037
 Beaumont, CA 92223-2258
 Phone (951) 845-9581
 www.bcvwd.org

Will Serve Request **Water Supply Assessment (SB210)**

| | |
|--|-----------------------------------|
| Applicant Name: Thomas Love | Contact Phone # (951) 440-8149 |
| Mailing Address: 31915 Rancho California Road, Suite 200-166 | Fax #: |
| City: Temecula | E-mail: Tom@LoveCivil.com |
| State & Zip: CA 92591 | |
| Service Address: 1189 E SIXTH STREET | |
| Assessor's Parcel Number (APN), Tract Map No. Parcel Map No.: APN 418-122-028 | |
| Project Type: <input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family <input checked="" type="checkbox"/> Commercial/Industrial <input type="checkbox"/> Minor Subdivision (5 lots or less) <input type="checkbox"/> Major subdivision (6+ lots) <input type="checkbox"/> Other | |
| Site Map Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

The letter should be delivered to:

| |
|---|
| Recipient: Tom Love <hr/> Tom@LoveCivil.com <hr/> <hr/> |
| PLEASE CHOOSE ONE: <input type="checkbox"/> Mail (above address) <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/> Will pick up |

The District reserves the right to impose terms and conditions in Will Serve Letters and/or Water Supply Assessment Reports that take into account water availability issues, conservation issues and the District's existing facilities, all of which impact the District's ability to provide service to the subject property and maintain the District's ability to meet existing water demands.

Thomas L. Love

 Applicant's Signature

11/24/21

 Date



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 3

STAFF REPORT

TO: Board of Directors
FROM: Daniel Jagers, General Manager
SUBJECT: Request for Will Serve Letter for Tentative Parcel Map No. 38463 (Further Identified as Riverside County Assessor's Parcel No. 405-110-001) located on Nancy Avenue, north of Cherry Valley Boulevard in the Community of Cherry Valley

Staff Recommendation

Consider the request for an Update of "Will Serve Letter" (WSL) for Tentative Parcel Map 38463 (located on Nancy Avenue, north of Cherry Valley Boulevard) in the Community of Cherry Valley.

- A. Approve the Application for Water Service and furnish an update of WSL, or;
- B. Deny the Application for an update of Water Service

Background

The applicant, Bill Lattin, requested water service on August 18, 2022, for a proposed single-family development infill project (Tentative Parcel Map 38463) that consists of one existing residence and three proposed new residential lots. Said project creates a total of four (4) new subdivided parcels.

The subject property is located on the east side of Nancy Avenue, north of Cherry Valley Boulevard and south of Vineland Street in the Community of Cherry Valley (see Figure 1 – TPM 38463 Vicinity Map). This parcel is currently within the District's Service Boundary and the District has confirmed there is a 12-inch ductile iron pipe (DIP) water main fronting the parcel in Nancy Avenue. Additionally, District staff has confirmed there is an existing ¾-inch water meter serving the existing single-family residence (10434 Nancy Avenue) located within the parcel proposed to be subdivided.

The Applicant proposes to develop the existing parcel by subdividing the existing parcel into four (4) total parcels (one [1] existing and three [3] new) and either sell said subdivided parcels or construct new single-family residences on the three (3) new parcels. Said development includes a new cul-de-sac to provide access and street frontage to each parcel. The Applicant will be required to extend mainline water pipeline and appurtenant facilities (the District's minimum water main pipe diameter is 8-inches) within the proposed cul-de-sac to serve the two (2) proposed parcels that do not front Nancy Avenue. The existing single-family home is proposed to remain in the southwest corner lot, identified as Parcel 2 on said Tentative Parcel Map 38463 (figure 2).

On October 8, 2014, the Beaumont-Cherry Valley Water District Board of Directors (Board) adopted a Resolution (see Figure 4 – Resolution 2014-05) precluding the approval of a request for the issuance of any WSL under a specific set of conditions associated with drought declarations in the State of California and District water storage conditions. Said conditions that appear to apply to this project are identified in the Resolution under item 2 (a), (b). Staff further identifies that the proposed Project may be subject to Resolution 2014-05 due to the proposed project's estimated water consumption exceeding two (2) equivalent dwelling units.



The impact of this project on the District's water supply system is minimal. The Applicant will be required to pay all applicable District fees, including capacity charges (facilities fees), and water service installation charge(s). The Applicant will be required to pay all actual applicable fees in effect at the time of application for service installation. The Applicant will need to secure the necessary approvals from the County of Riverside.

Final meter size will be determined by the Applicant. Fire Flow requirements will be determined by the County of Riverside Fire Department and said requirements will dictate actual required Fire Hydrant Fire Flows and residential fire sprinkler requirements for the residence.

Conditions

1. The Applicant shall enter into a water facilities extension agreement and pay all fees associated with the domestic and non-potable water services for the Project.
2. The Applicant shall design and construct a water main extension (8-inch minimum) and appurtenances in the proposed cul-de-sac as depicted in Tentative Parcel Map 38463.
3. The Applicant shall grant the District an easement (min. 25 ft. wide) for proposed District facilities located in the proposed cul-de-sac for ingress/egress, operations, and maintenance activities associated with the proposed facilities, if applicable.
4. The Applicant shall conform to all District requirements and all County of Riverside requirements.
5. To minimize the use of potable water, the District requires the applicant conform to the County of Riverside Landscaping Ordinances which pertain to water efficient landscape requirements and the following:
 - a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall and automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
 - b. Landscaping in non-turf areas should be drought tolerant consisting of planting materials native to the region. Irrigation systems for these areas should be drip or bubbler type.
 - c. The County of Riverside Landscaping Ordinance requires no turf within the front yards of all residences. This is a requirement as set forth by County ordinance and said landscaping shall not be modified by either the Developer and/or the Homeowner. Specifically, the District will provide service so long as no turf is installed within the front yards as set forth in said County of Riverside Landscape Ordinance.
 - d. The District will provide service so long as landscape areas are not installed with, converted to, or modified to non-functional turf as set forth in the County of Riverside's Landscape Ordinance.
6. The Applicant shall conform to all District requirements and all County of Riverside requirements.



Fiscal Impact

None. All fees and deposits will be paid by the Applicant prior to providing service.

Attachments

Figure 1 – TPM 36483 Vicinity Map

Figure 2 – Tentative Parcel Map 38463

Figure 3 – Resolution 2014-05

Application for Water Service for Riverside County APN No 405-110-001

Prepared by Aaron Walker, Development Services Technician



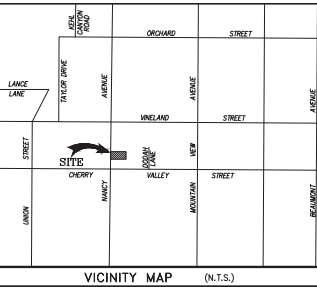
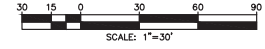
FIGURE 1

TPM 38463 Vicinity Map



FIGURE 2 - TENTATIVE PARCEL MAP NO. 38463

IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
TENTATIVE PARCEL MAP NO. 38463
 INLAND VALLEY SURVEYING, INC. JUNE, 2022



OWNER/APPLICANT:
 WILLIAM K. LATIN
 9824 JONATHAN AVENUE
 CHERRY VALLEY, CA 92223
 PHONE: (760) 533-1932

AREA:
 FRONT 20' MAXIMUM HEIGHT: 4.96 ACRES GROSS
 SIDE 5' SINGLE FAMILY 40' BUILDINGS 50'-75'

SITE ADDRESS:
 10434 NANCY AVENUE
 CHERRY VALLEY, CA 92223

ASSESSORS PARCELS:
 405-110-001

TOTAL LOTS:
 NUMBER LOTS 4
 LETTER LOTS 5 (STREET DEDICATION)

MINIMUM YARD SETBACKS:
 SOURCE: COUNTY OF RIVERSIDE
 WEB: <http://planning.rctimo.org>

LEGAL DESCRIPTION:
 THAT PORTION OF LOT 5 IN BLOCK 7 OF CHERRY VALLEY WEST ADDITION, AS SHOWN BY MAP ON FILE IN BOOK 6 PAGE 36 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, RECORDS, DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT ON THE EASTERLY LINE OF SAID LOT, 330 FEET NORTHERLY OF THE CENTER LINE OF WOODLAND AVENUE, AS SHOWN ON SAID MAP; THENCE WESTERLY, PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, 626.2 FEET MORE OR LESS, TO THE WESTERLY LINE OF SAID LOT; THENCE NORTHERLY, ALONG SAID WESTERLY LINE, 330 FEET TO THE NORTHWESTERLY CORNER OF SAID LOT; THENCE EASTERLY, ALONG THE NORTHERLY LINE OF SAID LOT, 626.6 FEET TO THE NORTHEASTERLY CORNER THEREOF; THENCE SOUTHERLY, ALONG THE EASTERLY LINE OF SAID LOT, 330 FEET, TO THE POINT OF BEGINNING;
 EXCEPTING THEREFROM ONE-HALF OF ALL OIL, GAS AND ALL MINERAL RIGHTS, AS RESERVED IN THE DEED FROM JAMES E. MEADOR AND GEORGIA A. MEADOR, HUSBAND AND WIFE, RECORDED FEBRUARY 13, 1969.

THOMAS GUIDE:
 RIVERSIDE/SAN BERNARDINO COUNTY, YEAR 2004
 PAGE: 690 GRID: C4

UTILITIES:

| | |
|------------------|----------------------------------|
| WATER: | SAN GORGONIO PASS WATER DISTRICT |
| SEWER: | SEPTIC SYSTEM |
| GAS: | SO. CAL. GAS |
| ELECTRIC: | SO. CAL. EDISON |
| TELEPHONE: | SPECTRUM |
| CABLE: | SPECTRUM |
| SCHOOL DISTRICT: | BEAUMONT UNIFIED |
| STREET LIGHTING: | ST LIGHTING |

ZONING:

| | |
|--------------------|-----------------------------|
| EXISTING ZONING: | A-1 LIGHT-AGRICULTURE |
| EXISTING LAND USE: | LDR LOW DENSITY RESIDENTIAL |
| PROPOSED ZONING: | A-1 LIGHT-AGRICULTURE |
| PROPOSED LAND USE: | LDR LOW DENSITY RESIDENTIAL |

NOTES:

- THIS MAP INCLUDES THE ENTIRE CONTIGUOUS OWNERSHIP OF SUBDIVIDER.
- THIS LAND IS NOT SUBJECT TO LIQUEFACTION OR OTHER GEOLOGIC HAZARDS.
- THIS MAP IS NOT INCLUDED IN THE FEMA FLOODWAY MAP OF RIVERSIDE COUNTY, CA.
- ALL DRIVEWAYS NOT TO EXCEED 15% GRADE.
- ALL DRIVEWAYS SHALL BE A MINIMUM OF 16' IN WIDTH.
- SCHEDULE "M"
- THIS LAND IS NOT SUBJECT TO OVERFLOW, INUNDATION, OR FLOOD HAZARD.
- NO ALTERATIONS WILL BE MADE IN NANCY AVENUE REGARDING TREES OR ANY OTHER OBSTACLES.
- PROPERTY IS WITHIN COUNTY SERVICE AREA.

SOURCE OF TOPOGRAPHY:
 FIELD SURVEY FOR THIS SITE WAS PERFORMED ON MAY 02, 2022 BY INLAND VALLEY SURVEYING, INC.

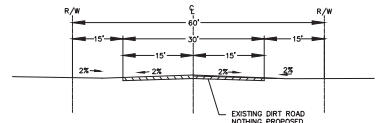
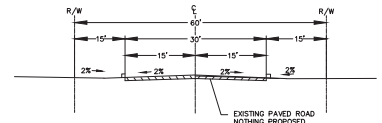
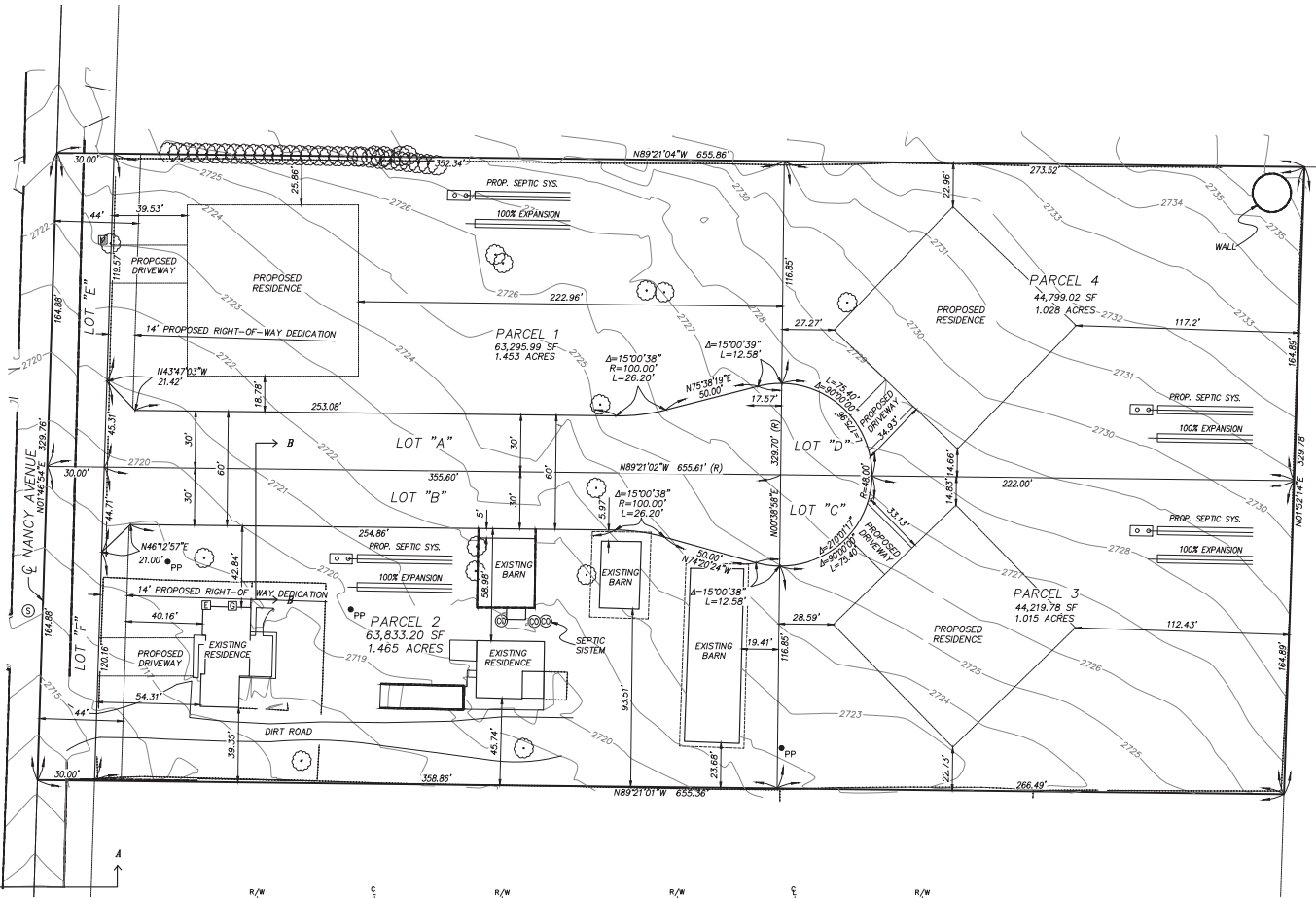
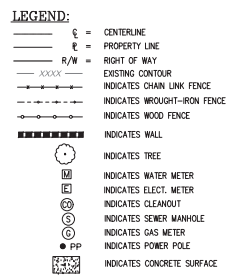
BENCHMARK:
 NATIONAL GEODETIC SURVEY DESIGNATION: PPF8

STATION DESCRIPTION: PPF8 IS A CONTINUOUS GPS SITE, LOCATED AT THE MWD PERRIS PUMPBACK FACILITY BELOW PERRIS DAM, IN PERRIS CA.

ELEVATION: 1513.87' (NVD88)

REPRESENTATIVE & PREPARER

INLAND VALLEY SURVEYING, INC.
 130 WEST WALNUT AVENUE SUITE A-5
 PERRIS CA, 92571
 PHONE: (951) 657-1200
 EMAIL: PLS@INLANDVALLEY.COM
 MIGUEL A. VILLASENOR, PLS



A-A EXISTING NANCY AVENUE
 RIV. CO. STD #138

B-B STREET A
 RIV. CO. STD #138

| DATE | REVISIONS: |
|------|------------|
| | |
| | |
| | |

Date Prepared: 06/03/22 Schedule "H" Section 28, T2S, R1W

FIGURE 3 - RESOLUTION 2014-05

RESOLUTION 2014-05

A RESOLUTION OF THE BOARD OF DIRECTORS OF BEAUMONT-CHERRY VALLEY WATER DISTRICT PRECLUDING THE APPROVAL OF A REQUEST FOR THE ISSUANCE OF ANY WILL SERVE LETTER UNDER THE CIRCUMSTANCES STATED HEREIN SUBJECT TO THE EXCEPTIONS STATED HEREIN

WHEREAS, This Board has discussed and desires to adopt a policy which will suspend the issuance of will serve letters which will add demand to the District's water supplies not previously considered and approved by this Board during conditions specified herein.

WHEREAS, This policy is intended to avoid requiring conservation by presently served ratepayers in order to protect available supplies while simultaneously creating new demand on those supplies and to preserve the rights of persons who have relied on the issuance of a will serve letter by annexing to the District or paying fees or constructing infrastructure in consideration of the issuance of a will serve letter.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Beaumont-Cherry Valley Water District declares the following:

1. Subject to the exceptions stated in Paragraph 2 below, this Board shall not issue a will serve letter when:
 - (a) A condition of drought exists in the State of California as declared by the Governor of the State of California,
 - (b) There is in effect mandatory conservation measures applicable to the District's ratepayers imposed directly by the State of California, or imposed by implementation of District conservation measures in accordance with the District's Urban Water Management Plan and
 - (c) The quantity of the District's ready to deliver water supplies is less than a projected demand of five years based on the District's then current annual demand.
2. The following applications shall be excepted from the prohibition of the issuance of will serve letters stated in Paragraph 1 of this Resolution:
 - (a) An application for residential or commercial water use reasonably estimated to constitute an annual demand equal to or less than 2 (two) EDU's;
 - (b) An application for service to property as to which a will serve letter previously has been issued and the recipient of that letter or his or her successor in interest has relied on the letter in paying fees to the District, annexing the subject property to the District or constructing District infrastructure in order to provide service to the subject property.
3. The District Secretary shall certify the adoption of this Resolution.

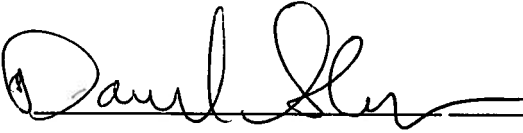
ADOPTED AND APPROVED this 8th day of October, 2014



Chairman

I, Daniel Slawson, Secretary of the Beaumont-Cherry Valley Water District Board of Directors, do hereby certify that the foregoing Resolution was adopted at a regular meeting of the Beaumont-Cherry Valley Water District Board of Directors, held on the 8th day of October, 2013, by the following vote:

| | | | |
|------------|---|---------------|----------------------|
| AYES: | 3 | BOARDMEMBERS: | Ross, Guldseth, Ball |
| NOES: | 1 | BOARDMEMBERS: | Slawson |
| ABSENT: | 1 | BOARDMEMBERS: | Woll (vacant seat) |
| ABSTAINED: | 0 | BOARDMEMBERS: | |

ATTEST:  Secretary



BEAUMONT CHERRY VALLEY WATER DISTRICT

560 Magnolia Avenue • PO Box 2037
 Beaumont, CA 92223-2258
 Phone (951) 845-9581
 www.bcvwd.org

Will Serve Request **Water Supply Assessment (SB210)**

| | |
|---|--------------------------------------|
| Applicant Name: <u>Bill Lattin</u> | Contact Phone #: <u>760 533 1932</u> |
| Mailing Address: <u>9824 Jonathan ave</u> | Fax #: |
| City: <u>Cherry Valley</u> | E-mail: |
| State & Zip: <u>CA 92223</u> | |
| Service Address: <u>10434 Nancy</u> | |
| Assessor's Parcel Number (APN), Tract Map No. Parcel Map No.: <u>405-110-001</u> | |
| Project Type: <input checked="" type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family <input type="checkbox"/> Commercial/Industrial <input type="checkbox"/> Minor Subdivision (5 lots or less) <input type="checkbox"/> Major subdivision (6+ lots) <input type="checkbox"/> Other | |
| Site Map Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <u>TV CASH</u> |

The letter should be delivered to:

Recipient: _____

PLEASE CHOOSE ONE:

- Mail (above address) E-mail
 Fax Will pick up

The District reserves the right to impose terms and conditions in Will Serve Letters and/or Water Supply Assessment Reports that take into account water availability issues, conservation issues and the District's existing facilities, all of which impact the District's ability to provide service to the subject property and maintain the District's ability to meet existing water demands.

Bill Lattin
 Applicant's Signature

08/18/22
 Date

Customer # 013685
 AR # 0000741



Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022

Item 4

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: Resolution 2022-__: Adopting the Amended 2022-2023 Annual Water Supply and Demand Assessment and Superseding Resolution 2022-21

Staff Recommendation

Adopt Resolution 2022-__ Adopting the Amended 2022-2023 Annual Water Supply and Demand Assessment and Superseding Resolution 2022-21.

Background

On March 28, 2022, Governor Gavin Newsom issued Executive Order N-7-22, which set forth considerations for the State Water Resources Control Board (SWRCB) and requirements of urban suppliers, including the following:

To preserve the State's surface and groundwater supplies and better prepare for the potential for continued dry conditions next year (2022, and potentially 2023), **local water suppliers are directed to execute their urban Water Shortage Contingency Plans (WSCPs)** and agricultural drought plans at a level appropriate to local conditions that takes into account the possibility of a third consecutive dry year.

By May 25, 2022, the State Water Resources Control Board shall consider adopting emergency regulations that include all of the following:

- a. A requirement that each urban water supplier, as defined in section 10617 of the Water Code, shall submit to the Department of Water Resources (DWR) a preliminary Annual Water Supply and Demand Assessment (or Annual Shortage Report) consistent with section 10632.1 of the Water Code no later than June 1, 2022, and submit a final annual water supply and demand assessment to the DWR no later than the deadline set by section 10632.1 of the Water Code;
- b. A requirement that **each urban water supplier that has submitted a water shortage contingency plan to the DWR implement, at a minimum the shortage response actions adopted under section 10632 of the Water Code for a shortage level of up to twenty percent (Level 2)**, by a date to be set by the Water Board.

In accordance with the Executive Order, at the April 28, 2022 Board Meeting, the Board of Directors adopted Resolution 2022-12, declaring a Stage 3 Water Shortage (as defined in the District's 2020 Water Shortage Contingency Plan [WSCP]), and implementing certain water use restrictions described in the District's WSCP.



In April 2022, DWR released the final guidance document to be used by water suppliers for preparing Annual Water Supply and Demand Assessments (Annual Shortage Reports). In order to prepare the District's Annual Shortage Report, District staff analyzed its potential water sources for the current/upcoming year (July 2022 – June 2023 per the Water Code), as well as the estimated consumption based on the findings of the 2020 Urban Water Management Plan (UWMP).

At the May 26, 2022 Board Meeting, staff presented the procedures and preliminary results of the analysis to the Board for discussion. Staff submitted the District's Preliminary Annual Shortage Report to DWR via email on June 1, 2022.

At the June 23, 2022 Board Meeting, staff presented the final Annual Shortage Report to the Board of Directors; at that time the Board adopted the final Annual Shortage Report by Resolution 2022-21.

On June 30, District staff submitted the findings of the adopted Annual Shortage Report to DWR per the requirements of the Water Code.

On August 26, 2022, District staff received notification from DWR that DWR staff had reviewed BCVWD's Annual Shortage Report, and that it was determined that based on the data provided, BCVWD's supplies would not be adequate to meet demands for the 2022/2023 water year. As such, DWR indicated that BCVWD would be required to consider DWR's findings and revise the Annual Shortage report or update its WSCP.

As such, District staff has considered DWR's input and has reevaluated and updated BCVWD's Annual Shortage Report.

Please see the discussion below for further information.

Discussion

District staff identifies that the discussion of DWR requirements for each water supplier's Annual Shortage Report is included herein for reference only; an additional (additional to the previously completed analysis), in-depth analysis was not completed as part of the proposed update to BCVWD's Annual Shortage Report. District staff identifies that the proposed amendments to the report are minimal, and do not impact the projected unconstrained demands for the upcoming water year, nor do the amendments warrant any additional or increased water shortage response actions.

As part of the requirements for Annual Shortage Reports, water suppliers are required by the Water Code to analyze the following:

- i. Current year unconstrained demand
- ii. Current year available supply
- iii. Existing infrastructure capabilities and plausible constraints
- iv. A defined set of locally applicable evaluation criteria that are consistently relied upon for each annual water supply and demand assessment
- v. A description and quantification of each source of water supply



Table 1, below, includes a summary of the District’s analysis provided to DWR in BCVWD’s submittal of its Annual Shortage Report, considering the above requirements.

**Table 1 – Potable and Non-Potable Water Shortage Assessment
(adopted June 23, 2022)**

| | July 2022 - June 2023 Potable Water Assessment | July 2022 - June 2023 Non-Potable Water Assessment |
|--|--|--|
| Anticipated Unconstrained Demand, AF | 11,982 | 2,073 |
| Anticipated Water Supply, AF | 8,123 | 1,391 |
| Surplus (Shortage) w/o WSCP Action, AF | (3,859) | (682) |
| % Surplus (-% Shortage) w/o WSCP Action | (32%) | (33%) |
| Benefit from Demand Reduction Actions, AF | 3,563 | 640 |
| Revised Surplus (Shortage) w/ WSCP Actions, AF | (296) | (42) |
| Revised % Surplus (-% Shortage) w WSCP Action | (2%) | (2%) |

Unconstrained Demand

Anticipated unconstrained demand was determined by analyzing actual historical unconstrained demands from previous years during the period of July – May (i.e., July 2020 – May 2021).

Unconstrained Supply

To estimate available water supply for the upcoming year, District staff analyzed the District’s available supplies to date, estimated how much State Project Water (SPW) may still be delivered by the end of the 2022 calendar year, as well as the estimated deliveries which may be received from July 2022 – June 2023 based on the assumption of an additional dry year.



The available monthly supplies for local groundwater are more predictable; District staff was able to analyze the monthly production for both Edgar Canyon and the Beaumont Basin from 2017 – 2021 to project the available supplies for the upcoming year.

Projected supplies also include groundwater pumped from storage in the Beaumont Basin.

Planned Shortage Response Actions (Demand Reduction Actions)

The findings presented in Table 1 above include the anticipated demand reductions which could be potentially achieved from the response actions outlined in the District's WSCP. As discussed at previous meetings, District staff estimates that with the current water restrictions in place, a demand reduction of as much as 30 – 31% may be able to be achieved.

Amended Potable/Non-Potable Water Shortage Assessment

Based upon the results of the District's previously approved Annual Shortage Assessment (as shown in Table 1 above), the District would experience a two percent (2%) supply shortage. In previous discussion with the Board of Directors, District staff has indicated that any potential supply shortage would be augmented by water taken from storage in the District's Watermaster account.

As such, District staff has taken DWR's concerns regarding the District's "shortage" of 2%, and has reevaluated the supply amount which will need to be withdrawn from the District's Beaumont Basin Watermaster storage account. See Table 2 below.

As can be seen in Table 2, there has been no change to the anticipated unconstrained demand for the July 2022- June 2023 Water Year. In order to meet demands and avoid a net annual supply shortage, District staff amended the anticipated water supply to include additional groundwater withdrawn from the District's storage account.

(Continued next page)



**Table 2 – Amended Potable and Non-Potable Water Shortage Assessment
(updated Anticipated Water Supply)**

| | July 2022 - June 2023 Potable Water Assessment | July 2022 - June 2023 Non-Potable Water Assessment |
|--|--|--|
| Anticipated Unconstrained Demand, AF | 11,982 | 2,073 |
| Anticipated Water Supply, AF | 8,768 | 1,458 |
| Surplus (Shortage) w/o WSCP Action, AF | (3,213) | (614) |
| % Surplus (-% Shortage) w/o WSCP Action | (27%) | (30%) |
| Benefit from Demand Reduction Actions, AF | 3,563 | 640 |
| Revised Surplus (Shortage) w/ WSCP Actions, AF | 349.1 | 25 |
| Revised % Surplus (-% Shortage) w/ WSCP Action | 3% | 1% |

Note, any surplus or shortage in supply is considered as an annual volume. Any “surplus” supply throughout the year will result in the District withdrawing less water from storage to meet demands.

The difference in conjunctive groundwater use from the currently proposed Annual Shortage Report and the previously approved Shortage Report is summarized in Table 3, below.



Table 3 – Amended Potable and Non-Potable Water Anticipated Water Supply

| | July 2022 - June 2023 Potable Water Assessment | July 2022 - June 2023 Non-Potable Water Assessment |
|---|--|--|
| Anticipated Water Supply, AF (Previously Approved Annual Shortage Report) | 8,123 | 1,391 |
| Anticipated Water Supply, AF (Amended Annual Shortage Report) | 8,768 | 1,458 |
| Anticipated Change in Water Supply, AF | 645 (increase) | 67 (increase) |

Summary

District staff previously prepared the DWR required Final Annual Water Supply and Demand Assessment. After review and adoption by the Board of Directors, District staff submitted said Assessment to DWR on June 30, 2022.

On August 26, 2022, DWR indicated to District staff that an update to the District’s Annual Shortage Assessment (or WSCP) was required due to supply shortages shown in the Shortage Assessment.

District staff has reviewed DWR’s input and has amended the Annual Shortage Report. After Board approval and adoption of said amendment, District staff will submit the amended report to DWR for consideration.

District staff will continue to closely monitor the drought conditions both locally and at the State level, and provide the Board with information regarding any major differences between staff’s projections and the actual demands and supplies as incorporated in the Amended Final Annual Shortage Report.

Per the DWR website, a summary of all Annual Shortage Reports across the state will be published sometime around October.

Attachments

1. Resolution 2022-__ : Adopting the Amended 2022-2023 Annual Water Supply and Demand Assessment and Superseding Resolution 2022-21
2. Amended Final Beaumont-Cherry Valley Water District Annual Water Supply and Demand Assessment (July 2022 – June 2023)
3. Resolution 2022-21: To Adopt the 2022-2023 Annual Water Supply and Demand Assessment (adopted June 23, 2022)

Staff Report prepared by Daniel Baguyo, Engineering Assistant

RESOLUTION 2022-__

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
BEAUMONT-CHERRY VALLEY WATER DISTRICT
ADOPTING THE AMENDED 2022-2023 ANNUAL WATER
SUPPLY AND DEMAND ASSESSMENT AND SUPERSEDING
RESOLUTION 2022-21**

WHEREAS, on June 23, 2022, the Board of Directors adopted Resolution 2022-21 To Adopt the 2022-2023 Annual Water Supply and Demand Assessment; and

WHEREAS, the District submitted the Final Annual Water Supply and Demand Assessment (WSDA) to the Department of Water Resources on June 30, 2022; and

WHEREAS, on August 26, 2022, the Department of Water Resources indicated to staff that an amendment to the Final Annual Shortage Report would be required due to anticipated supply shortage; and

WHEREAS, staff has re-evaluated the Final Annual Shortage Report pursuant to the Department of Water Resources requirements, and on September 29, 2022 the Board received a presentation and considered an amendment to the final WSDA,

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of the Beaumont-Cherry Valley Water District finds and determines as follows:

1. The WSDA was prepared in accordance with the California Water Code and with the District's Water Shortage Contingency Plan
2. The conclusions set forth in the WSDA are supported by substantial evidence and reasonable analysis, and are consistent with District policies, plans, documents and operations

NOW THEREFORE, BE IT FURTHER RESOLVED that:

1. In the exercise of independent judgment, taking into consideration the WSDA, and engaging in due deliberations, the Board does hereby adopt the Amended 2022-2023 BCVWD Final Annual Water Supply and Demand Assessment attached hereto as Attachment A, and directs staff to submit the report to the Department of Water Resources
2. Resolution 2022-21 is hereby superseded by this Resolution

ADOPTED this _____ day of _____, _____, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

Director Lona Williams, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District

Director David Hoffman, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment A:
Amended 2022-2023 BCVWD Final Annual Water Supply and Demand Assessment

Attachment 2 - Amended Final Beaumont-Cherry Valley Water
District Annual Water Supply and Demand Assessment (July
2022 - June 2023)

Table 1. Annual Assessment Information

| Annual Assessment Information (Required) | |
|--|---|
| Year Covered By This Shortage Report | |
| Start: July 1, | 2022 |
| End: June 30, | 2023 |
| Supplier's Annual Assessment Planning Cycle | |
| Start Month: | JULY |
| End Month: | JUNE |
| Data Reporting Interval Used: | MONTHLY |
| Volume Unit for Reported Supply and Demand: <i>(Must use the same unit throughout)</i> | AF |
| Water Supplier's Contact Information | |
| Water Supplier's Name: | BEAUMONT-CHERRY VALLEY WATER DISTRICT |
| Contact Name: | MARK SWANSON |
| Contact Title: | DIRECTOR OF ENGINEERING |
| Street Address: | 560 MAGNOLIA AVENUE |
| ZIP Code: | 92223 |
| Phone Number: | 951-845-9581 |
| Email Address: | mark.swanson@bcvwd.org |
| Report Preparer's Contact Information <i>(if different from above)</i> | |
| Preparer's Organization Name: | |
| Preparer's Contact Name: | |
| Phone Number: | |
| Email Address: | |
| Supplier's Water Shortage Contingency Plan | |
| WSCP Title | Beaumont-Cherry Valley Water District Water Shortage Contingency Plan |
| WSCP Adoption Date | 8/26/2021 |
| Other Annual Assessment Related Activities (Optional) | |
| Activity | Timeline/ Outcomes / Links / Notes |
| Annual Assessment/ Shortage Report Title: | Optional |
| Annual Assessment / Shortage Report Approval Date: | MM/DD/YYYY |
| Other Annual Assessment Related Activities: | Optional |
| (Add rows as needed) | |

| | |
|--|--------------------|
| | = From prior table |
| | = Auto calculated |

Table 2: Water Demands¹

| Use Type | Start Year: 2022 | | | Volumetric Unit Used ² : AF | | | | | | | | | | | | |
|---|--------------------------------------|---|---|--|------|------|------|------|------|------|------|------|------|------|----------------------------|--|
| Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUedata online submittal tool (Add additional rows as needed) | Additional Description (as needed) | Level of Treatment for NonPotable Supplies Drop-down list | Projected Water Demands - Volume ³ | | | | | | | | | | | | | |
| | | | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Total by Water Demand Type | |
| Demands Served by Potable Supplies | | | | | | | | | | | | | | | | |
| Single Family | | | 995 | 941 | 1221 | 924 | 968 | 703 | 683 | 507 | 547 | 482 | 684 | 747 | 9402 | |
| Multi-Family | | | 22 | 53 | 26 | 48 | 19 | 45 | 16 | 39 | 16 | 37 | 17 | 48 | 387 | |
| Commercial | Commercial/Insitutional | | 121 | 180 | 149 | 168 | 115 | 125 | 68 | 92 | 61 | 87 | 68 | 153 | 1388 | |
| Industrial | | | 14 | 23 | 15 | 20 | 13 | 14 | 14 | 18 | 16 | 14 | 13 | 26 | 200 | |
| Landscape | | | 23 | 26 | 23 | 23 | 15 | 13 | 11 | 11 | 9 | 9 | 17 | 28 | 207 | |
| Agricultural irrigation | | | 6 | 6 | 11 | 11 | 7 | 7 | 2 | 2 | 2 | 2 | 3 | 3 | 62 | |
| Other Potable | Construction Grading Water | | 29 | 47 | 34 | 25 | 32 | 16 | 19 | 31 | 17 | 20 | 22 | 45 | 337 | |
| | | | | | | | | | | | | | | | 0 | |
| | | | | | | | | | | | | | | | 0 | |
| | | | | | | | | | | | | | | | 0 | |
| Total by Month (Potable) | | | 1209 | 1277 | 1479 | 1219 | 1168 | 924 | 813 | 700 | 668 | 651 | 823 | 1050 | 11982 | |
| Demands Served by Non-Potable Supplies | | | | | | | | | | | | | | | | |
| Commercial | Commercial/Institutional Non Potable | | 0.29 | 0.39 | 0.41 | 0.54 | 0.68 | 0.34 | 0.29 | 0.15 | 0.35 | 0.19 | 0.30 | 0.46 | 4 | |
| Landscape | | | 253 | 275 | 296 | 245 | 178 | 137 | 88 | 85 | 83 | 65 | 142 | 220 | 2068 | |
| | | | | | | | | | | | | | | | 0 | |
| | | | | | | | | | | | | | | | 0 | |
| | | | | | | | | | | | | | | | 0 | |
| Total by Month (Non-Potable) | | | 253 | 275 | 296 | 246 | 179 | 138 | 88 | 85 | 83 | 66 | 143 | 221 | 2073 | |

Notes: List considered factors impacting demands

¹ Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

² Units of measure (AF, CCF, MG) must remain consistent.

³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

| Optional (for comparison purpose) | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Total |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Last year's total demand | | | | | | | | | | | | | 0 |
| Two years ago total demand | | | | | | | | | | | | | 0 |
| Three years ago total demand | | | | | | | | | | | | | 0 |
| Four years ago total demand | | | | | | | | | | | | | 0 |

= From prior tables

= Auto calculated

| Table 3: Water Supplies ¹ | | | | | | | | | | | | | | | | |
|---|---|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------------|---------------|---------------------------------------|
| Water Supply | Start Year | 2022 | | | | | | | | | | | | Volumetric Unit Used ² : | AF | |
| Drop-down List May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed) | Additional Detail on Water Supply | Projected Water Supplies - Volume ³ | | | | | | | | | | | | Total by Water Supply Type | Water Quality | Total Right or Safe Yield* (optional) |
| | | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | | | |
| Potable Supplies | | | | | | | | | | | | | | | | |
| Groundwater (not desal.) | Edgar Canyon Groundwater - No limit on pumping, typical yield between 1100-1400 AFY | 114 | 105 | 97 | 106 | 101 | 100 | 92 | 92 | 95 | 121 | 132 | 125 | 1280 | | |
| Purchased/Imported Water | Table A Allocation (5%) | 0 | 0 | 0 | 112 | 112 | 112 | 0 | 112 | 112 | 112 | 0 | 0 | 672 | | |
| Purchased/Imported Water | Ventura (5%) | 0 | 0 | 0 | 40 | 40 | 40 | 0 | 40 | 40 | 40 | 40 | 0 | 280 | | |
| Purchased/Imported Water | Nickel Water (Dry Year Supply Based on 2020 UWMP) | 0 | 0 | 0 | 191 | 191 | 191 | 0 | 191 | 191 | 191 | 191 | 0 | 1337 | | |
| Groundwater (not desal.) | Adjudicated Beaumont Basin Groundwater - Reallocated Unused Overlier Rights | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 1824 | | |
| Supply from Storage | Adjudicated Beaumont Basin Groundwater | 500 | 600 | 715 | 175 | 125 | 0 | 265 | 0 | 0 | 0 | 0 | 350 | 2730 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |

| | | | | | | | | | | | | | | | |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|---|
| Total by Month (Potable) | 766 | 857 | 964 | 776 | 721 | 595 | 509 | 587 | 590 | 616 | 515 | 627 | 8123 | | 0 |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|---|

Non-Potable Supplie

| | | | | | | | | | | | | | | | | |
|--------------------------|--|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|------|--|--|
| Groundwater (not desal.) | Adjudicated Beaumont Basin Groundwater (BCVWD Well 26) | 140 | 161 | 151 | 138 | 115 | 58 | 61 | 54 | 34 | 71 | 90 | 98 | 1171 | | |
| Supply from Storage | Adjudicated Beaumont Basin | 25 | 20 | 35 | 25 | 0 | 35 | 10 | 5 | 20 | 0 | 5 | 40 | 220 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |

| | | | | | | | | | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|-----|------|--|---|
| Total by Month (Non-Potable) | 165 | 181 | 186 | 163 | 115 | 93 | 71 | 59 | 54 | 71 | 95 | 138 | 1391 | | 0 |
|-------------------------------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|-----|------|--|---|

Notes: List hydrological and regulatory conditions, infrastructure capabilities, and plausible constraints which may impact the water supplies

¹ Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.
² Units of measure (AF, CCF, MG) must remain consistent.
³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

| | | | | | | | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Optional (for comparison purpose) | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Total |
| eAR Reported Total Water Supplies | | | | | | | | | | | | | 0 |

| | |
|--|---------------------|
| | = From prior tables |
| | = Auto calculated |

Table 3: Water Supplies¹

| Water Supply | Start Year | Volumetric Unit Used ² : | | | | | | | | | | | | Total by Water Supply Type | Water Quality | Total Right or Safe Yield* (optional) |
|---|---|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------------|---------------|---------------------------------------|
| | | 2022 | AF | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | | | |
| Drop-down List May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed) | Additional Detail on Water Supply | Projected Water Supplies - Volume ³ | | | | | | | | | | | | | | |
| Potable Supplies | | | | | | | | | | | | | | | | |
| Groundwater (not desal.) | Edgar Canyon Groundwater - No limit on pumping, typical yield between 1100-1400 AFY | 114 | 105 | 97 | 106 | 101 | 100 | 92 | 92 | 95 | 121 | 132 | 125 | 1280 | | |
| Purchased/Imported Water | Table A Allocation (5%) | 0 | 0 | 0 | 112 | 112 | 112 | 0 | 112 | 112 | 112 | 0 | 0 | 672 | | |
| Purchased/Imported Water | Ventura (5%) | 0 | 0 | 0 | 40 | 40 | 40 | 0 | 40 | 40 | 40 | 40 | 0 | 280 | | |
| Purchased/Imported Water | Nickel Water (Dry Year Supply Based on 2020 UWMP) | 0 | 0 | 0 | 191 | 191 | 191 | 0 | 191 | 191 | 191 | 191 | 0 | 1337 | | |

| | | | | | | | | | | | | | | | | |
|-------------------------------------|---|------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--|----------|
| Groundwater (not desal.) | Adjudicated Beaumont Basin Groundwater - Reallocated Unused Overlier Rights | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 1824 | | |
| Supply from Storage | Adjudicated Beaumont Basin Groundwater | 565 | 660 | 770 | 265 | 210 | 60 | 315 | 0 | 0 | 0 | 50 | 480 | 3375 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| Total by Month (Potable) | | 831 | 917 | 1019 | 866 | 806 | 655 | 559 | 587 | 590 | 616 | 565 | 757 | 8768 | | 0 |
| Non-Potable Supplie | | | | | | | | | | | | | | | | |
| Groundwater (not desal.) | Adjudicated Beaumont Basin Groundwater (BCVWD Well 26) | 140 | 161 | 151 | 138 | 115 | 58 | 61 | 54 | 34 | 71 | 90 | 98 | 1171 | | |
| Supply from Storage | Adjudicated Beaumont Basin | 35 | 30 | 53 | 32 | 9 | 36 | 0 | 5 | 24 | 0 | 8 | 55 | 287 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| Total by Month (Non-Potable) | | 175 | 191 | 204 | 170 | 124 | 94 | 61 | 59 | 58 | 71 | 98 | 153 | 1458 | | 0 |

Notes: List hydrological and regulatory conditions, infrastructure capabilities, and plausible constraints which may impact the water supplies

¹ Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

² Units of measure (AF, CCF, MG) must remain consistent.

³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

| | | | | | | | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Optional (for comparison purpose) | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Total |
| eAR Reported Total Water Supplies | | | | | | | | | | | | | 0 |

| | |
|--|---------------------|
| | = Auto calculated |
| | = From prior tables |
| | = For manual input |

| Table 4(P): Potable Water Shortage Assessment ¹ | | Start Year: 2022 | | | | | Volumetric Unit Used ² : | | | | | | AF | | | |
|--|--------|------------------|--------|--------|--------|--------|-------------------------------------|--------|-------|-------|--------|------------------|----------|--|--|--|
| | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun ³ | Total | | | |
| Anticipated Unconstrained Demand | 1209.3 | 1276.8 | 1479.0 | 1219.2 | 1168.5 | 923.6 | 813.3 | 699.7 | 668.3 | 651.1 | 823.2 | 1050.0 | 11981.91 | | | |
| Anticipated Total Water Supply | 831.0 | 917.0 | 1019.0 | 866.0 | 806.0 | 655.0 | 559.0 | 587.0 | 590.0 | 616.0 | 565.0 | 757.0 | 8768.00 | | | |
| Surplus/Shortage w/o WSCP Action | -378.3 | -359.8 | -460.0 | -353.2 | -362.5 | -268.6 | -254.3 | -112.7 | -78.3 | -35.1 | -258.2 | -293.0 | -3,213.9 | | | |
| % Surplus/Shortage w/o WSCP Action | -31% | -28% | -31% | -29% | -31% | -29% | -31% | -16% | -12% | -5% | -31% | -28% | -27% | | | |

| State Standard Shortage Level | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 2 | 2 | 1 | 4 | 3 | 3 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Planned WSCP Actions | | | | | | | | | | | | | |
| Benefit from WSCP: Supply Augmentation | | | | | | | | | | | | | 0.0 |
| Benefit from WSCP: Demand Reduction | 375.0 | 362.0 | 460.0 | 352.0 | 362.0 | 267.0 | 253.0 | 195.0 | 204.0 | 184.0 | 256.0 | 293.0 | 3563.0 |
| Revised Surplus/Shortage with WSCP | -3.3 | 2.2 | 0.0 | -1.2 | -0.5 | -1.6 | -1.3 | 82.3 | 125.7 | 148.9 | -2.2 | 0.0 | 349.1 |
| % Revised Surplus/Shortage with WSCP | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 12% | 19% | 23% | 0% | 0% | 3% |

¹ Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

² Units of measure (AF, CCF, MG) must remain consistent.

³ When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

| | |
|--|---------------------|
| | = Auto calculated |
| | = From prior tables |
| | = For manual input |

| Table 4(NP): Non-Potable Water Shortage Assessment ¹ | Start Year: 2022 | | | | | | Volumetric Unit Used ² : | | | | | | AF | |
|---|------------------|-------|-------|-------|-------|-------|-------------------------------------|-------|-------|------|-------|------------------|----------|--|
| | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun ³ | Total | |
| Anticipated Unconstrained Demand: Non-Potable | 253.0 | 275.4 | 296.1 | 246.0 | 178.9 | 137.7 | 88.2 | 85.1 | 83.5 | 65.6 | 142.5 | 220.6 | 2,072.51 | |
| Anticipated Total Water Supply: Non-Potable | 175.0 | 191.0 | 204.0 | 170.0 | 124.0 | 94.0 | 61.0 | 59.0 | 58.0 | 71.0 | 98.0 | 153.0 | 1,458.0 | |
| Surplus/Shortage w/o WSCP Action: Non-Potable | -78.0 | -84.4 | -92.1 | -76.0 | -54.9 | -43.7 | -27.2 | -26.1 | -25.5 | 5.4 | -44.5 | -67.6 | -614.5 | |
| % Surplus/Shortage w/o WSCP Action: Non-Potable | -31% | -31% | -31% | -31% | -31% | -32% | -31% | -31% | -31% | 8% | -31% | -31% | -30% | |

| | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Planned WSCP Actions | | | | | | | | | | | | | |
| Benefit from WSCP: Supply Augmentation | | | | | | | | | | | | | 0.0 |
| Benefit from WSCP: Demand Reduction | 78.0 | 85.0 | 92.0 | 76.0 | 55.0 | 43.0 | 27.0 | 26.0 | 26.0 | 20.0 | 44.0 | 68.0 | 640.0 |
| Revised Surplus/Shortage with WSCP | 0.0 | 0.6 | -0.1 | 0.0 | 0.1 | -0.7 | -0.2 | -0.1 | 0.5 | 25.4 | -0.5 | 0.4 | 25.5 |
| % Revised Surplus/Shortage with WSCP | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 39% | 0% | 0% | 1% |

¹ Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

² Units of measure (AF, CCF, MG) must remain consistent.

³ When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

| Table 5: Planned Water Shortage Response Actions | | | | | July 1, 2022 | to June 30, 2023 | |
|--|--|---|--|---|---|------------------|--|
| Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage) | ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List) These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply. | Is action already being implemented? (Y/N) | How much is action going to reduce the shortage gap? | | When is shortage response short action planned to be anticipated to be implemented? | | |
| | | | Enter Amount | (Drop-down List) Select % or Volume Unit | Start Month | End Month | |
| <i>Add additional rows as needed</i> | | | | | | | |
| All | Improve Customer Billing | Yes | 1 | % | | | |
| All | Expand Public Information Campaign | Yes | 1 | % | | | |
| All | Landscape - Restrict or prohibit runoff from landscape irrigation | Yes | 2 | % | | | |
| All | Other - Prohibit use of potable water for washing hard surfaces | Yes | 2 | % | | | |
| All | Other - Require automatic shut of hoses | Yes | 2 | % | | | |
| 2 | CII - Lodging establishment must offer opt out of linen service | Yes | 2 | % | | | |
| 2 | CII - Restaurants may only serve water upon request | Yes | 2 | % | | | |
| 2 | Water Features - Restrict water use for decorative water features, such as fountains | Yes | 1 | % | | | |
| 3 | Landscape - Limit landscape irrigation to specific days | Yes | 15 | % | | | |
| 3 | Other | Yes | 3 | % | | | |
| 4 | Landscape - Limit landscape irrigation to specific days | No | | % | | | |
| 5 | Other water feature or swimming pool restriction | No | | % | | | |
| 5 | Water Features - Restrict water use for decorative water features, such as fountains | No | | % | | | |
| 5 | Other - Prohibit use of potable water for construction and dust control | No | | % | | | |
| 5 | Other - Prohibit vehicle washing except at facilities using recycled or recirculating water | No | | % | | | |
| 5 | CII - Other CII restriction or prohibition | No | | % | | | |
| 6 | Moratorium or Net Zero Demand Increase on New Connections | No | | % | | | |
| NOTES: Other: Expand public awareness programs to schools; Level 3 Landscape Restrictions - Limit landscape irrigation to 3 days per week; Level 4 Landscape Restrictions - Limit landscape irrigation to 1 day per week; Other water feature or swimming pool restriction: Filling of new pools prohibited, topping off or refilling of existing pools with cover allowable | | | | | | | |

Attachment 3
To be superseded

RESOLUTION 2022-21

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
BEAUMONT-CHERRY VALLEY WATER DISTRICT
TO ADOPT THE 2022-2023 ANNUAL
WATER SUPPLY AND DEMAND ASSESSMENT**

WHEREAS, the Annual Water Supply and Demand Assessment (WSDA) is a new State-mandated report due to the Department of Water Resources (DWR) on July 1, 2022 and every July 1 thereafter; and

WHEREAS, the WSDA provides an estimate of the gap between demand for water and actual supplies available each year; and

WHEREAS, per California Water Code §10632.1, an urban water supplier shall conduct an annual water supply and demand assessment pursuant to subdivision (a) of Section 10632 and, on or before July 1 of each year, submit an annual water shortage assessment report to the department with information for anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions, and an urban water supplier that relies on imported water from the State Water Project or the Bureau of Reclamation shall submit its annual water supply and demand assessment within 14 days of receiving its final allocations, or by July 1 of each year, whichever is later; and

WHEREAS, as a result of continuing drought conditions in the State, on March 28, 2022 Governor Gavin Newsom issued Executive Order N-7-22 which requires suppliers to submit a preliminary shortage report by June 1, 2022 and a final Annual Shortage Report by July 1, 2022; and

WHEREAS, staff has analyzed potential water sources for the current / upcoming year (July 2022-June 2023) as well as the estimated consumption based on the findings of the Urban Water Management Plan and has prepared this WSDA in compliance with the procedures enumerated in the Water Shortage Contingency Plan (WSCP) adopted by Resolution 2021-14; and

WHEREAS, on May 26, 2022, the Board received a presentation of the Draft Annual WSDA and staff subsequently submitted the District's Preliminary Annual Shortage Report to the Department of Water Resources on June 1, 2022; and

WHEREAS, there have been no additional findings to warrant substantial changes to the Preliminary Annual Shortage Report and on June 23, 2022, the Board received a presentation and considered the final WSDA,

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of the Beaumont-Cherry Valley Water District finds and determines as follows:


1. The WSDA was prepared in accordance with the California Water Code and with the District's WSCP
2. The conclusions set forth in the WSDA are supported by substantial evidence and reasonable analysis, and are consistent with District policies, plans, documents and operations

NOW THEREFORE, BE IT FURTHER RESOLVED that, in the exercise of independent judgment, taking into consideration the WSDA, and engaging in due deliberations, the Board does hereby adopt the 2022-2023 BCVWD Final Annual Water Supply and Demand Assessment and directs staff to submit the report to the Department of Water Resources.

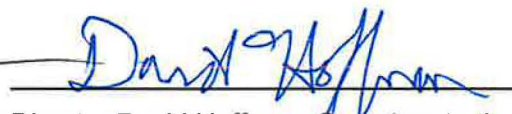
ADOPTED this 23rd day of June, 2022, by the following vote:

AYES: Williams, Hoffman, Slawson, Covington
NOES:
ABSTAIN:
ABSENT: Ramirez

ATTEST:



Director Lona Williams, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District



Director David Hoffman, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment: Final BCVWD Annual Water Supply and Demand Assessment (2022-2023)

Attachment 1 -
Final Beaumont-Cherry Valley Water District Annual Water
Supply and Demand Assessment (2022-2023)

Table 1. Annual Assessment Informatio

| Annual Assessment Information (Required) | |
|---|---|
| Year Covered By This Shortage Report | |
| Start: July 1, | 2022 |
| End: June 30, | 2023 |
| Supplier's Annual Assessment Planning Cycle | |
| Start Month: | JULY |
| End Month: | JUNE |
| Data Reporting Interval Used: MONTHLY | |
| Volume Unit for Reported Supply and Demand: <i>(Must use the same unit throughout)</i> AF | |
| Water Supplier's Contact Information | |
| Water Supplier's Name: | BEAUMONT-CHERRY VALLEY WATER DISTRICT |
| Contact Name: | MARK SWANSON |
| Contact Title: | DIRECTOR OF ENGINEERING |
| Street Address: | 560 MAGNOLIA AVENUE |
| ZIP Code: | 92223 |
| Phone Number: | 951-845-9581 |
| Email Address: | mark.swanson@bcvwd.org |
| Report Preparer's Contact Information <i>(if different from above)</i> | |
| Preparer's Organization Name: | |
| Preparer's Contact Name: | |
| Phone Number: | |
| Email Address: | |
| Supplier's Water Shortage Contingency Plan | |
| WSCP Title | Beaumont-Cherry Valley Water District Water Shortage Contingency Plan |
| WSCP Adoption Date | 8/26/2021 |
| Other Annual Assessment Related Activities (Optional) | |
| Activity | Timeline/ Outcomes / Links / Notes |
| Annual Assessment/ Shortage Report Title: | Optional |
| Annual Assessment / Shortage Report Approval Date: | MM/DD/YYYY |
| Other Annual Assessment Related Activities: | Optional |
| <i>(Add rows as needed)</i> | |

= From prior table
 = Auto calculated

| Table 2: Water Demands ¹ | | | | | | | | | | | | | | | |
|---|--|--|---|------|---|------|------|------|------|------|------|------|------|------|----------------------------|
| Use Type | | Start Year: 2022 | | | Volumetric Unit Used ² : AF ³ | | | | | | | | | | |
| Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed) | Additional Description (as needed) | Level of Treatment for Non-Potable Supplies Drop-down list | Projected Water Demands - Volume ³ | | | | | | | | | | | | Total by Water Demand Type |
| | | | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | |
| Demands Served by Potable Supplies | | | | | | | | | | | | | | | |
| Single Family | | | 995 | 941 | 1221 | 924 | 968 | 703 | 683 | 507 | 547 | 482 | 534 | 747 | 9402 |
| Multi-Family | | | 22 | 53 | 26 | 48 | 19 | 45 | 16 | 39 | 16 | 37 | 17 | 48 | 387 |
| Commercial | Commercial/Institutional | | 121 | 180 | 149 | 168 | 115 | 125 | 68 | 92 | 61 | 87 | 68 | 153 | 1383 |
| Industrial | | | 14 | 23 | 15 | 20 | 13 | 14 | 14 | 18 | 16 | 14 | 13 | 26 | 200 |
| Landscape | | | 23 | 26 | 23 | 23 | 15 | 13 | 11 | 11 | 9 | 9 | 17 | 28 | 207 |
| Agricultural irrigation | | | 6 | 6 | 11 | 11 | 7 | 7 | 2 | 2 | 2 | 2 | 3 | 3 | 62 |
| Other Potable | Construction Grading Water | | 29 | 47 | 34 | 25 | 32 | 16 | 19 | 31 | 17 | 20 | 22 | 45 | 337 |
| | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| Total by Month (Potable) | | | 1209 | 1277 | 1479 | 1219 | 1168 | 924 | 813 | 700 | 668 | 651 | 823 | 1050 | 11982 |
| Demands Served by Non-Potable Supplies | | | | | | | | | | | | | | | |
| Commercial | Commercial/Institutional - Non-Potable | | 0.29 | 0.39 | 0.41 | 0.54 | 0.68 | 0.34 | 0.29 | 0.15 | 0.35 | 0.19 | 0.30 | 0.46 | 4 |
| Landscape | | | 253 | 275 | 296 | 245 | 178 | 137 | 88 | 85 | 83 | 65 | 142 | 220 | 2058 |
| | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| Total by Month (Non-Potable) | | | 253 | 275 | 296 | 246 | 179 | 138 | 88 | 85 | 83 | 66 | 143 | 221 | 2073 |
| Notes: List considered factors impacting demands | | | | | | | | | | | | | | | |
| ¹ Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors ² Units of measure (AF, CCF, MG) must remain consistent ³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions | | | | | | | | | | | | | | | |

| Optional (for comparison purposes) | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Total |
|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Last year's total demand | | | | | | | | | | | | | 0 |
| Two years ago total demand | | | | | | | | | | | | | 0 |
| Three years ago total demand | | | | | | | | | | | | | 0 |
| Four years ago total demand | | | | | | | | | | | | | 0 |

= From prior tables
 = Auto calculated

| Table 3: Water Supplies ¹ | | | | | | | | | | | | | | | Water Quality | Total Right of Safe Yield* (optional) |
|--|---|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------------|---------------|---------------------------------------|
| Water Supply | Start Year | Volumetric Unit Used ² | | | | | | | | | | | | Total by Water Supply Type | | |
| Drop-down List May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed) | Additional Detail on Water Supply | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | | Total | Drop-down List |
| Potable Supplies | | | | | | | | | | | | | | | | |
| Groundwater (not desal.) | Edgar Canyon Groundwater - No limit on pumping, typical yield between 1100-1400 AFY | 114 | 105 | 97 | 106 | 101 | 100 | 92 | 92 | 95 | 121 | 132 | 125 | 1280 | | |
| Purchased/Imported Water | Table A Allocation (5%) | 0 | 0 | 0 | 112 | 112 | 112 | 0 | 112 | 112 | 112 | 0 | 0 | 672 | | |
| Purchased/Imported Water | Ventura (5%) | 0 | 0 | 0 | 40 | 40 | 40 | 0 | 40 | 40 | 40 | 40 | 0 | 280 | | |
| Purchased/Imported Water | Nickel Water (Dry Year Supply Based on 2020 UWMP) | 0 | 0 | 0 | 191 | 191 | 191 | 0 | 191 | 191 | 191 | 191 | 0 | 1337 | | |
| Groundwater (not desal.) | Adjudicated Beaumont Basin Groundwater - Reallocated Unused Overlier Rights | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 1824 | | |
| Supply from Storage | Adjudicated Beaumont Basin Groundwater | 500 | 600 | 715 | 175 | 125 | 0 | 265 | 0 | 0 | 0 | 0 | 350 | 2730 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | Total by Month (Potable) | 766 | 857 | 964 | 776 | 721 | 595 | 509 | 587 | 590 | 616 | 515 | 627 | 8123 | | 0 |
| Non-Potable Supplies | | | | | | | | | | | | | | | | |
| Groundwater (not desal.) | Adjudicated Beaumont Basin Groundwater (BCVWD Well 26) | 140 | 161 | 151 | 138 | 115 | 58 | 61 | 54 | 34 | 71 | 90 | 98 | 1171 | | |
| Supply from Storage | Adjudicated Beaumont Basin | 25 | 20 | 35 | 25 | 0 | 35 | 10 | 5 | 20 | 0 | 5 | 40 | 220 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | | | 0 | | |
| | Total by Month (Non-Potable) | 165 | 181 | 186 | 163 | 115 | 93 | 71 | 59 | 54 | 71 | 95 | 138 | 1391 | | 0 |
| Notes: List hydrological and regulatory conditions, infrastructure capabilities, and plausible constraints which may impact the water supplies | | | | | | | | | | | | | | | | |
| ¹ Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors. ² Units of measure (AF, CCF, MG) must remain consistent. ³ When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions. | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Optional (for comparison purposes) | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Total |
| eAR Reported Total Water Supplies | | | | | | | | | | | | | 0 |

| |
|---------------------|
| = Auto calculated |
| = From prior tables |
| = For manual input |

| Table 4(P): Potable Water Shortage Assessment ¹ | Start Year: 2022 | | | | | | Volumetric Unit Used ² : | | | | | | AF | |
|--|------------------|--------|--------|--------|--------|--------|-------------------------------------|--------|-------|-------|--------|------------------|----------|--|
| | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun ³ | Total | |
| Anticipated Unconstrained Demand | 1209.3 | 1276.8 | 1479.0 | 1219.2 | 1168.5 | 923.6 | 813.3 | 699.7 | 668.3 | 651.1 | 823.2 | 1050.0 | 11981.91 | |
| Anticipated Total Water Supply | 766.0 | 857.0 | 964.0 | 776.0 | 721.0 | 595.0 | 509.0 | 587.0 | 590.0 | 616.0 | 515.0 | 627.0 | 8123.00 | |
| Surplus/Shortage w/o WSCP Action | -443.3 | -419.8 | -515.0 | -443.2 | -447.5 | -328.6 | -304.3 | -112.7 | -78.3 | -35.1 | -308.2 | -423.0 | -3,858.9 | |
| % Surplus/Shortage w/o WSCP Action | -37% | -33% | -35% | -36% | -38% | -36% | -37% | -16% | -12% | -5% | -37% | -40% | -32% | |
| State Standard Shortage Level | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 1 | 4 | 5 | 4 | |
| Planned WSCP Actions | | | | | | | | | | | | | | |
| Benefit from WSCP: Supply Augmentation | | | | | | | | | | | | | 0.0 | |
| Benefit from WSCP: Demand Reduction | 375.0 | 362.0 | 460.0 | 352.0 | 362.0 | 267.0 | 253.0 | 195.0 | 204.0 | 184.0 | 256.0 | 293.0 | 3563.0 | |
| Revised Surplus/Shortage with WSCP | -68.3 | -57.8 | -55.0 | -91.2 | -85.5 | -61.6 | -51.3 | 82.3 | 125.7 | 148.9 | -52.2 | -130.0 | -295.9 | |
| % Revised Surplus/Shortage with WSCP | -6% | -5% | -4% | -7% | -7% | -7% | -6% | 12% | 19% | 23% | -6% | -12% | -2% | |

¹ Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.
² Units of measure (AF, CCF, MG) must remain consistent.
³ When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

| |
|---------------------|
| = Auto calculated |
| = From prior tables |
| = For manual input |

| Table 4(NP): Non-Potable Water Shortage Assessment | Start Year: 2022 | | | | | | Volumetric Unit Used ² : | | | | | | AF | |
|--|------------------|-------|--------|-------|-------|-------|-------------------------------------|-------|-------|------|-------|------------------|----------|--|
| | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun ³ | Total | |
| Anticipated Unconstrained Demand: Non-Potable | 253.0 | 275.4 | 296.1 | 246.0 | 178.9 | 137.7 | 88.2 | 85.1 | 83.5 | 65.6 | 142.5 | 220.6 | 2,072.51 | |
| Anticipated Total Water Supply: Non-Potable | 165.0 | 181.0 | 186.0 | 163.0 | 115.0 | 93.0 | 71.0 | 59.0 | 54.0 | 71.0 | 95.0 | 138.0 | 1,391.0 | |
| Surplus/Shortage w/o WSCP Action: Non-Potable | -88.0 | -94.4 | -110.1 | -83.0 | -63.9 | -44.7 | -17.2 | -26.1 | -29.5 | 5.4 | -47.5 | -82.6 | -681.5 | |
| % Surplus/Shortage w/o WSCP Action: Non-Potable | -35% | -34% | -37% | -34% | -36% | -32% | -20% | -31% | -35% | 8% | -33% | -37% | -33% | |
| Planned WSCP Actions | | | | | | | | | | | | | | |
| Benefit from WSCP: Supply Augmentation | | | | | | | | | | | | | 0.0 | |
| Benefit from WSCP: Demand Reduction | 78.0 | 85.0 | 92.0 | 76.0 | 55.0 | 43.0 | 27.0 | 26.0 | 26.0 | 20.0 | 44.0 | 68.0 | 640.0 | |
| Revised Surplus/Shortage with WSCP | -10.0 | -9.4 | -18.1 | -7.0 | -8.9 | -1.7 | 9.8 | -0.1 | -3.5 | 25.4 | -3.5 | -14.6 | -41.5 | |
| % Revised Surplus/Shortage with WSCP | -4% | -3% | -6% | -3% | -5% | -1% | 11% | 0% | -4% | 39% | -2% | -7% | -2% | |

¹ Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.
² Units of measure (AF, CCF, MG) must remain consistent.
³ When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

| Table 5: Planned Water Shortage Response Actions | | | July 1, 2022 | to June 30, 2023 | | |
|--|--|---|--|---|---|-----------|
| Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage) | ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List) These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply. | Is action already being implemented? (Y/N) | How much is action going to reduce the shortage gap? | | When is shortage response action anticipated to be implemented? | |
| | | | Enter Amount | (Drop-down List) Select % or Volume Unit | Start Month | End Month |
| <i>Add additional rows as needed</i> | | | | | | |
| All | Improve Customer Billing | Yes | 1 | % | | |
| All | Expand Public Information Campaign | Yes | 1 | % | | |
| All | Landscape - Restrict or prohibit runoff from landscape irrigation | Yes | 2 | % | | |
| All | Other - Prohibit use of potable water for washing hard surfaces | Yes | 2 | % | | |
| All | Other - Require automatic shut of hoses | Yes | 2 | % | | |
| 2 | CII - Lodging establishment must offer opt out of linen service | Yes | 2 | % | | |
| 2 | CII - Restaurants may only serve water upon request | Yes | 2 | % | | |
| 2 | Water Features - Restrict water use for decorative water features, such as fountains | Yes | 1 | % | | |
| 3 | Landscape - Limit landscape irrigation to specific days | Yes | 15 | % | | |
| 3 | Other | Yes | 3 | % | | |
| 4 | Landscape - Limit landscape irrigation to specific days | No | | % | | |
| 5 | Other water feature or swimming pool restriction | No | | % | | |
| 5 | Water Features - Restrict water use for decorative water features, such as fountains | No | | % | | |
| 5 | Other - Prohibit use of potable water for construction and dust control | No | | % | | |
| 5 | Other - Prohibit vehicle washing except at facilities using recycled or recirculating water | No | | % | | |
| 5 | CII - Other CII restriction or prohibition | No | | % | | |
| 6 | Moratorium or Net Zero Demand Increase on New Connections | No | | % | | |
| NOTES: Other: Expand public awareness programs to schools; Level 3 Landscape Restrictions - Limit landscape irrigation to 3 days per week; Level 4 Landscape Restrictions - Limit landscape irrigation to 1 day per week; Other water feature or swimming pool restriction: Filling of new pools prohibited, topping off or refilling of existing pools with cover allowable | | | | | | |



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 5

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Authorize a Budget of \$58,000 for the District's Cost Share for Engagement of a Recycled Water Program Implementation Facilitator in Partnership with the City of Beaumont and the San Gorgonio Pass Water Agency**

Staff Recommendation

Authorize the budget expenditure of \$58,000 for the Recycled Water Program Implementation Facilitator.

Background

In 2019, the City of Beaumont (City) and the Beaumont-Cherry Valley Water District (District) through a 2x2 Committee, executed a Memorandum of Understanding to develop a recycled water use and purchase agreement. District staff has developed a draft Agreement for Purchase, which has been provided to the City of Beaumont for review. Recently, in an effort to ensure the best possible solution for the community, a 3x2 Committee (i.e. 3 Agency x 2 Elected) was created to include the San Gorgonio Pass Water Agency (SGPWA).

The 3x2 Committee consists of elected officials from the District, the City, and SGPWA and intends to coordinate a recycled water implementation program (Recycled Water Program) that maximizes the use of recycled water within the City and District service boundary. Use of recycled water would maximize the availability of high-quality local water resources and reduce the dependence on imported water.

The 3x2 Committee has identified the need for an Implementation Facilitator to provide all necessary services to assist in the review of possible options as provided well as recommendations for implementation of a Recycled Water Program that provides the best long-term strategy for recycled water use at lowest cost alternative to the partner agencies and the community serviced by the City, the District, and SGPWA.

Summary

On August 26, 2022, the 3x2 Committee released a Request for Qualifications (RFQ) for the Recycled Water Program Implementation Facilitator. The District, City, and SGPWA are working in partnership to select a consulting firm based on their qualified expertise to perform the Implementation Facilitator services. The expected tasks described in the RFQ are summarized below:

Task 1: Initial Facilitation Meeting with Three Partner Agencies

The Consultant is expected to attend three (3) separate meetings with each of the partner agencies (the City, District, and SGPWA) to gain understanding of each agency's vision for the implementation of the Recycled Water Program.



Task 2: Data Collection and Review

The Consultant will be engaged to collect and review data on the each of the agencies. This includes reports such as the District 2020 Urban Water Management Plan (UWMP) and Draft Non-Potable Water Master Plan, the SGPWA 2020 UWMP, and the City of Beaumont 2021 Wastewater Master Plan.

Task 3: Ongoing Project Facilitation Meeting Attendance and Support

The Consultant is expected to meet with the 3x2 Committee, coordinate with the three (3) agencies and staff, and present the advantages or disadvantages to separate alternatives for the Recycled Water Program.

Task 4: Preparation of Technical Memorandum Presenting Recommended Conceptual Plan and Associated Options for Recycled Water Implementation

The Consultant is expected to prepare a Technical Memorandum that will define elements of the Recycled Water Implementation Program Conceptual Plan based on input from the 3x2 Committee.

Task 5: Prepare Addendum for Contract for Additional Services Based upon Conceptual Plan for Recycled Water Implementation

The Consultant will be engaged to detail a scope of work for additional services based upon the approval of the Conceptual Plan for Recycled Water Implementation.

The 3x2 Committee has received one (1) proposal by the RFQ due date (September 19th, 2022). The proposal is currently under review by the City, the District and SGPWA. Each party in the 3x2 Committee will be responsible for their portion (33%) of the associated cost to complete the required tasks. District staff understands that the \$100,000 is the estimated cost for an Implementation Facilitator for the Recycled Water Program. A summary of the not to exceed initial costs for Task 1 through 5 of the REQ. With additional possible costs to be determined are set forth is below:

Table 1: Cost Summary

| Description | Cost |
|--|-----------------|
| Proposed Cost | \$173,000 |
| BCVWD Portion (33%) | \$57,333.34 |
| Overall BCVWD Portion (Rounded) | \$58,000 |

As stated above, the District will only be responsible for the District’s share of the overall cost. The District has not included a contingency to account for any additional tasks or work.

Fiscal Impact

The fiscal impact to the District will be an amount not to exceed \$58,000, as set forth in Table 1, above. Funding for this project will come from developer collected Capacity Charges (Facility Fees) for the completion of this work.

Report prepared by Evan Ward, Civil Engineering Assistant



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 6

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Resolution 2022-__ : Amendment to the 2022-2026 Capital Improvement Budget to Include the American Avenue Waterline Replacement Project (P-2750-0095)**

Staff Recommendation:

Consider the following:

1. Approval to amend the 2022-2026 Capital Improvement Budget in the amount of **\$818,500.00** for the American Avenue Waterline Replacement Project (P-2750-0095), and
2. Approval of expenditures in an amount not to Exceed **\$75,100** for the procurement of materials for the American Avenue Waterline Replacement Project (P-2750-0095).

Background:

In recent discussions with the Board of Directors regarding various pipeline projects, the Board has maintained that with current supply chain issues and extended lead time for material procurement, District staff should focus efforts to be proactive in ordering materials.

As such, District staff has identified an existing waterline which is in need of replacement due to frequent leaks and increased required maintenance activities:

- **P-2750-0095, American Avenue: 6th Street to 8th Street** (Project)– includes the replacement of approximately 1,200 linear feet (LF) of existing 6” steel pipeline with 8” ductile iron pipe (DIP), as well as the replacement of approximately 19 service laterals, the reconnection of two (2) existing fire hydrants to the proposed waterline, and one (1) new fire hydrant.

District staff identifies that this waterline replacement is currently not identified in the District’s Capital Improvement Plan (CIP); however, is considered a high priority due to frequent leaks. In order to proceed with the Project, District staff is requesting the Board consider an adjustment to the 2022-2026 Capital Improvement Budget (CIB). See below for further discussion.

Discussion:

District staff has analyzed various design considerations in order to create an estimated cost for design and construction of the Project as described above. See Table 1 below for the estimated cost for the procurement of materials, design, and construction of the Project. Attachment 2, included herein includes a more comprehensive summary of the estimated Project Costs.



Table 1 – P-2750-0095 Estimated Project Cost

| Project Component | Cost |
|--|----------------------------|
| Construction Costs (Includes 20% Contingency) | \$671,900 |
| Soft Costs (Includes 15% Contingency) | \$146,625 |
| Total Project Cost | \$818,500 (rounded) |

As indicated in Table 1, the estimated Project costs include a 20% contingency for construction and a 15% contingency for soft costs (preliminary design, administration, permitting, etc.).

District staff has accounted for the cost to prepare and solicit a request for proposals for engineering design consulting for the project. Also included are costs for environmental research/documentation, survey, and geotechnical consulting services.

District staff has also considered potential increased construction costs which may be incurred due to the complete removal of the existing waterline in American Avenue (after construction of the proposed waterline is complete), and backfilling of the removed waterline trench with Class 2 Base material. This would also trigger additional pavement repair costs. District staff intends to coordinate efforts with the City to determine the necessary pavement removal and repair requirements.

In staff's preliminary research of the existing conditions in the vicinity of the waterline, it was determined that the City operates a 24" gravity sewer main as well as a 3" sewer force main in American Avenue. District staff has also considered these existing utilities in the Project cost, and will request utility information from other utility providers in the area upon Project approval.

Based on the above, District staff is requesting the Board consider the amendment of the Approved 2022-2026 CIB (Attachment 3) for an amount not to exceed **\$818,500.00** for the design and construction of the proposed project.

Attachment 4 includes the proposed amended 2022-2026 CIB with the inclusion of P-2750-0095 as described above.

Upon Board approval, District staff is also requesting the Board consider the approval of expenditures of an amount not to exceed **\$75,100.00** for the procurement of materials for the Project.

By proactively purchasing materials for the proposed Project, District staff may be able to expedite construction of the frequently repaired waterline and minimize the number of leaks. Material suppliers have indicated to District staff that lead times of ductile iron pipe materials are at a minimum 10 months, and as long as a year. Lead times for other pipeline appurtenances are summarized in Table 2 below.



Table 2 – Estimated Material Lead Times

| Item | Estimated Lead Time |
|-----------------------------|---------------------|
| Ductile Iron Pipe | 10 – 12 Months |
| Ductile Iron Fittings | 8 – 12 Weeks |
| Valves/Hydrants | 32 – 34 Weeks |
| Copper Tubing | 8 – 10 Weeks |
| Mechanical Joint Restraints | 14 – 18 Weeks |

Note, some manufacturers may have shorter lead times than presented above, but the lead times in Table 2 are for material manufacturers which the District typically uses. The above lead times are the “worst case” scenario.

As well as extended lead times for the procurement of pipe materials and fittings, District staff has also had to coordinate efforts for various Projects to remain ahead of the City’s Annual Street Rehabilitation and Maintenance Program (Pavement Project). As discussed at previous Board meetings, the City currently has a moratorium for pavement cuts on newly resurfaced streets.

Though American Avenue is not currently listed on the City’s 2022-2023 Pavement Project list, it is likely that the street will be on an upcoming Pavement Project list, as the condition of the road was determined to be “poor” per the City’s Pavement Management System Update Report completed in May 2017. With extended lead times for pipe materials, and the likelihood that the City includes American Avenue in an upcoming year’s Pavement Project list, District staff believes it prudent to order materials as soon as practicable.

Table 3 below includes the estimated material cost for the Project, based on current prices and costs for similar, recent projects.

Table 3 – Estimated Project Material Costs

| | Cost |
|--|---------------------------|
| Sub-total Estimated Cost | \$62,580 |
| 20% Contingency | \$12,516 |
| Total Estimated Material Cost (Sub-total + Contingency) | \$75,100 (rounded) |

Note, the costs included in Table 3 are for material procurement only. See Table 1, above, and Attachment 2 for the Project total cost summary.

Summary:

District staff is requesting the Board consider the amendment of the Approved 2022-2026 CIB in the amount of **\$818,500.00** and is requesting the Board consider the amendment of the FY 2022 Operating Budget and consider the approval of expenditures in an amount not to exceed **\$75,100.00** for the procurement of materials for the American Avenue Water Pipeline Replacement Project (P-2750-0095) as described above. Due to extended lead times, and in an



effort to remain ahead of the City's Pavement Project, District staff believes purchasing materials as soon as practicable will be beneficial to the District.

Fiscal Impact:

The fiscal impact to the District for the amendment of the 2022-2026 CIB will be in an amount not to exceed **\$818,500.00 (rounded)**.

The fiscal impact to the District for the amendment of the procurement of materials for the American Avenue Water Pipeline Replacement Project will be an amount not to exceed **\$75,100.00 (rounded)**. Said Project is proposed to be funded through capital replacement reserves.

Attachments:

Attachment 1: Resolution 2022-__: A Resolution of the Board of Directors of the Beaumont-Cherry Valley Water District Authorizing an Amendment to the 2022-2026 Capital Improvement Budget

Attachment 2 – American Avenue Waterline Replacement Project Cost Estimate Summary

Attachment 3 – Adopted 2022-2026 Capital Improvement Budget, Appendix C

Attachment 4 – Proposed Amended 2022-2026 Capital Improvement Budget, Appendix C

Attachment 5 – American Avenue Water Pipeline Replacement Project Location Map

Staff Report prepared by Daniel Baguyo, Civil Engineering Assistant

RESOLUTION 2022-__

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
THE BEAUMONT-CHERRY VALLEY WATER DISTRICT
AUTHORIZING AN AMENDMENT TO THE 2022-2026
CAPITAL IMPROVEMENT BUDGET**

WHEREAS, at its meeting on December 21, 2021, the Board of Directors of the Beaumont-Cherry Valley Water District approved Resolution 2021-25 Adopting the Annual Operating and 2022-2026 Capital Improvement Budget for the Fiscal Year Ending Dec 31, 2022; and

WHEREAS, the Board of Directors has carefully reviewed the proposed amendments and finds it necessary and appropriate to balance and amend the 2022 approved District operating budget as designated and attached hereto marked Exhibit "A"; and

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of the Beaumont-Cherry Valley Water District:

1. That \$818,500 is allocated to the District's Capital Replacement Reserve.
2. That the 2022 Fiscal Year Budget amendment described above in Item 1 is hereby incorporated into the adopted 2022-2026 Capital Improvement Budget as adopted on December 21, 2021 by Resolution 2021-25 of the Beaumont-Cherry Valley Water District.
3. The District's General Manager is authorized to take all necessary actions to implement the provisions of the amended 2022-2026 Capital Improvement Budget as adopted by this Resolution without further Board action.
4. The General Manager is directed to implement the intent of this Resolution as soon as reasonable following applicable procedures. The expenditure amounts designated as amended for the 2022-2026 Capital Improvement Budget are hereby appropriated and may be expended by the departments or funds for which they are designated.

ADOPTED this _____ day of _____, 2022 by the following vote:

AYES:

NOES:

ABSTAIN:

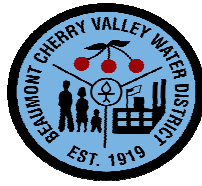
ABSENT:

ATTEST:

Director Lona Williams, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District

Director David Hoffman, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment: Exhibit A – Proposed Amended 2022-2026 Capital Improvement Budget



Resolution 2022-__
Exhibit "A"
AMENDED 2022-2026 Capital Improvement Budget

DRAFT

| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 Approved Budget | YTD Actuals | Additions (Deletions) | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | | | |
|-----------------------|-----------|---------------|---------------|-----------------|-----------|-------|-----------------------------|-------------------------------------|--------------------------------------|--|----------------------|-------------|-----------------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------|-----------|------------|
| | | | | | | | | | | Total Potable Pipeline Replacements | | | | | | | | | | | | | |
| | | | | | | | | | | 14,410,513 | 16,983,304 | | | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,140,200 | 3,892,400 | 1,758,000 | 2,861,500 | 3,293,000 | 15,796,800 |
| P-2750-0095 | (3) | 2750 | 0% | 100% | | 0% | American Avenue, 6th to 8th | 2022 | 818,500 | 75,100 | | | | | 75,100 | 743,400 | | | | | 818,500 | | |
| | | | | | | | | | | Total Potable Pipeline Replacements (AMENDED) | | | | | | | | | | | | | |
| | | | | | | | | | | 15,229,013 | 17,058,404 | | | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,215,300 | 4,635,800 | 1,758,000 | 2,861,500 | 3,293,000 | 16,615,300 |

| American Avenue Waterline Replacement Project | | |
|--|--|---------------------|
| Project Cost Estimate Summary | | |
| ITEM NO. | CONSTRUCTION PHASE | |
| 1 | Mobilization | \$35,500.00 |
| 2 | Dust Control | \$2,500.00 |
| 3 | SWPPP | \$2,500.00 |
| 4 | Traffic Control | \$10,000.00 |
| 5 | Potable Water Pipeline | \$382,579.96 |
| 6 | Pavement Removal and Replacement | \$103,800.00 |
| 7 | Field Inspection / Engineering Support | \$13,500.00 |
| 8 | Contract Administration | \$9,500.00 |
| Subtotal Engineers Estimate (Construction) | | \$559,879.96 |
| Construction Contingency (20%) | | \$111,975.99 |
| TOTAL PIPELINE CONSTRUCTION ESTIMATE AND CONTINGENCIES | | \$671,855.95 |
| ITEM NO. | OTHER COSTS ESTIMATE (SOFT COSTS) | |
| 50 | Environmental | \$12,500.00 |
| 51 | Preliminary Engineering | \$10,000.00 |
| 52 | Permitting | \$7,000.00 |
| 53 | Mapping / Survey / Research | \$23,500.00 |
| 54 | Plans, Specifications & Estimates (PS&E) | \$31,500.00 |
| 55 | City / County Processing & Coordination | \$2,500.00 |
| 56 | Bid & Award | \$8,000.00 |
| 57 | Geotechnical | \$20,000.00 |
| 58 | Project Close-Out | \$12,500.00 |
| Subtotal Other Costs Estimate (Soft Costs) | | \$127,500.00 |
| Other Costs (Soft Costs) Contingency (15%) | | \$19,125.00 |
| TOTAL OTHER COSTS ESTIMATE AND CONTINGENCY (SOFT COSTS) | | \$146,625.00 |
| TOTAL PROJECT APPROPRIATION REQUESTED | | \$818,480.95 |

Attachment 3



Beaumont-Cherry Valley Water District 2022-2026 Capital Improvement Budget Appendix C 2022 - 2026 Capital Improvement Budget Detail

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated | | | | | 5-Year Budget Total | |
|--|-----------|---|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | | 2026 Budget Request |
| Potable Infrastructure Projects | | | | | | | | | |
| EOC-001 | | BCVWD EOC Staffing and Space Requirements | 1,000,000 | - | \$ 760,000 | \$ - | \$ - | \$ - | 1,760,000 |
| DPX-001 | | Disaster Preparedness Equipment | 466,100 | - | 233,100 | 233,100 | - | - | 932,300 |
| WR-SITES-Reser | | Investment in Sites Reservoir Project | 93,700 | 400,000 | 519,600 | 866,100 | 1,039,300 | 1,385,700 | 4,304,400 |
| | | 2020 Capacity Charge Study | 47,800 | - | - | - | - | - | 47,800 |
| | (1) | Well Eyewash Station Additions | 41,200 | - | - | - | - | - | 41,200 |
| | (2) | Climate Control for High Horsepower Electrical Buildings | 57,500 | - | - | - | - | - | 57,500 |
| | (2) | Arc Flash Study & Improvement Project | 67,500 | - | - | - | - | - | 67,500 |
| M-0000-0001 | (1) | 800HP Spare Motor | 44,900 | - | - | - | - | - | 44,900 |
| M-0000-0002 | | Chlorination Retrofit At Misc. Wells (6 Well Sites) | 71,500 | - | - | - | - | - | 71,500 |
| BP-2750-0001 | | 2750 Zone to 2850 Zone Booster Pump Station | - | - | 1,195,800 | 2,917,000 | - | - | 4,112,800 |
| M-2750-0001 | | 2850/2750 Pressure Reducing Station & Piping (Cherry Reservoir) | - | - | 61,100 | - | - | - | 61,100 |
| TM-2750-0001 | (3) | Cherry Reservoir 1 & 2 Exterior Recoat and Retrofit | - | 500,000 | - | - | - | - | 500,000 |
| W-2750-0001 | (4) | Replacement for Well 2 | 1,796,400 | - | 2,304,400 | 2,511,100 | - | - | 6,611,900 |
| W-2750-0002 | (4) | 2750 Zone Well in Noble Creek Regional Park | 2,115,000 | - | 541,800 | 5,119,000 | - | - | 7,775,800 |
| W-2750-0005 | (4) | Replace 2750 Zone Well 1 | 1,668,200 | - | 2,771,200 | - | - | - | 4,439,400 |
| BP-2850-0001 | | 2850 Zone to 3040 Zone Booster Pump Station | - | 419,200 | 3,906,400 | - | - | - | 4,325,600 |
| TM-2850-0001 | (3) | Vineland 1 Exterior Recoat and Retrofit | - | 250,000 | - | - | - | - | 250,000 |
| W-2850-0001 | (4) | New Beaumont Basin Well on Pardee Sundance Site | - | - | 2,291,900 | 559,100 | 5,541,000 | - | 8,392,000 |
| W-2850-0006 | | Re-equip Well 23 | - | - | - | - | 522,300 | 589,800 | 1,112,100 |
| BP-3040-0001 | | 3040 to 3330 Booster Pump Station at Noble Tank | - | - | 244,100 | 1,137,200 | 1,217,300 | - | 2,598,600 |
| M-3040-0002 | | Noble Booster Pump and Motor(Spare Pump & Motor) | 25,300 | - | - | - | - | - | 25,300 |
| T-3040-0001 Tank | (4) | 2 MG 3040 Zone Tank | 3,168,700 | - | 711,400 | - | - | - | 3,880,100 |
| T-3040-0001 PZ Pipeline | (4) | Pressure Zone Pipeline | 1,047,800 | - | 235,100 | - | - | - | 1,282,900 |
| TM-3040-0001 | (2) | Highland Springs Reservoir Recoat & Retrofit | 402,200 | - | - | - | - | - | 402,200 |
| PR-3330-0001 | | 3330 to 3150 Lower Mesa, Noble Regulator | - | - | - | 88,100 | - | - | 88,100 |
| TM-3330-0001 | | Lower Edgar Reservoir Recoat & Retrofit | 402,200 | - | - | - | - | - | 402,200 |
| PR-3620-0001 | (2) | 3620 to 3330 Fisher Pressure Regulator | 50,300 | - | - | - | 140,500 | - | 190,800 |
| BP-HS-0001 | | Add 3rd Booster Pump and Fire Pump at HS Hydropneumatic | - | - | - | - | - | 293,200 | 293,200 |
| WR | (4) | Grand Avenue Storm Drain | 2,686,700 | - | 2,861,000 | - | - | - | 5,547,700 |
| Total Potable Infrastructure Projects | | | 15,253,000 | 1,569,200 | 18,636,900 | 13,430,700 | 8,460,400 | 2,268,700 | 59,618,900 |



Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|--|-----------|--|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Potable Pipeline Replacements | | | | | | | | | |
| P-2750-0025 | | Maple Ave., 1st St to 3rd St | - | \$ - | 64,500 | 268,200 | - | - | 332,700 |
| P-2750-0035 | | Allegheny St., 6th to 8th | - | - | - | - | 50,300 | 209,400 | 259,700 |
| P-2750-0036 | | Michigan St., 6th to 8th | - | - | 96,600 | 401,900 | - | - | 498,500 |
| P-2750-0045 | | 7th St., California Ave. to Beaumont Ave. | - | - | - | - | 107,300 | 446,400 | 553,700 |
| P-2750-0049 | | 10th St., Palm Ave. to Michigan Ave. | - | - | - | - | 53,400 | 222,300 | 275,700 |
| P-2750-0050 | | Orange Ave., 8th St to 10th st | - | - | - | - | 129,800 | 540,000 | 669,800 |
| P-2750-0056 | (3) | 11th Street, Beaumont Avenue to Elm Avenue | - | 275,500 | 1,145,800 | - | - | - | 1,421,300 |
| P-2750-0057 | | Magnolia Ave., 7th to 8th | - | - | - | - | 39,200 | 163,200 | 202,400 |
| P-2750-0058 | | Wellwood Ave., B St north to end | - | - | - | - | 10,700 | 44,700 | 55,400 |
| P-2750-0064 | (5) | Antonell Court, Pennsylvania Ave. to Cherry Ave. | - | - | - | - | - | - | - |
| P-2750-0066 | | Egan Ave.-Wellwood Ave. Alley, 5th to 8th St | - | - | 85,800 | 356,700 | - | - | 442,500 |
| P-2750-0067 | | Elm Ave.-Wellwood Ave. Alley, 7th St. to 5th St. | - | - | 36,000 | 149,900 | - | - | 185,900 |
| P-2750-0068 | | Elm Ave., 6th to 7th | - | - | 22,700 | 94,300 | - | - | 117,000 |
| P-2750-0069 | (2) | Egan Ave-California Ave. Alley, 5th to 7th | 151,000 | - | - | - | - | - | 151,000 |
| P-2750-0092 | (3) | Michigan Avenue, 5th Street to 6th Street | - | 67,200 | 311,400 | - | - | - | 378,600 |
| P-2750-0087 | | Beaumont 5th to 6th (Abandon pipeline) | - | - | - | - | 44,500 | - | 44,500 |
| P-3040-0007 | | Lincoln St. Cherry Ave to Jonathan Ave | - | - | - | - | 95,100 | 395,500 | 490,600 |
| P-3040-0010 | | Jonathan Ave., Brookside Ave. to Dutton St. | - | - | - | - | 305,700 | 1,271,500 | 1,577,200 |
| P-3040-0023,24,25,26 | | | | | | | | | |
| P-3330-0003 | | | | | | | | | |
| P-3620-0009 | (6) | 2020-2021 Replacement Pipelines | - | 304,200 | 1,265,300 | - | - | - | 1,569,500 |
| P-3040-0023 | (6) | Bing Pl | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0024 | (6) | Lambert Pl | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0025 | (6) | Star Ln, Sky Ln, and View Dr | - | - | - | - | - | - | - |
| P-3040-0026 | (6) | Utica Way, Vineland St to View Dr. | 36,700 | (36,700) | - | - | - | - | - |
| P-3040-0027 | | Grand Ave., Jonathon Ave. to Bellflower; Cherry Valley Blvd. Bellflower to HS Village 12 in | 197,900 | - | 864,300 | - | - | - | 1,062,200 |
| P-3330-0003 | (6) | Avenida Sonrisa | 102,200 | (102,200) | - | - | - | - | - |
| | | "B" Line Upper Edgar to upper end of 20" DIP and from lower end 20" DIP to Balance line and Balance Line in Edgar Canyon | 400,900 | 1,704,000 | - | - | - | - | 2,104,900 |
| P-3620-0001 | | | | | | | | | |
| P-3620-0002 | | "A" Line Upper Edgar to split at Apple Tree Lane Tract | - | - | - | 487,000 | 2,025,500 | - | 2,512,500 |
| P-3620-0009 | (6) | Ave. Miravilla, End of 12-in to Whispering Pines | 30,400 | (30,400) | - | - | - | - | - |
| P-3620-0012 | (4) | Ave Altejo Bella, Ave Miravilla to end of cul-de-sac | 221,700 | - | - | - | - | - | 221,700 |
| P-3620-0015 | (4) | Appletree Ln, B line to Oak Glen Rd | 669,500 | - | - | - | - | - | 669,500 |
| Total Potable Pipeline Replacements | | | 1,851,700 | 2,140,200 | 3,892,400 | 1,758,000 | 2,861,500 | 3,293,000 | 15,796,800 |



Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|--|-----------|--|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| IT Network Infrastructure Projects | | | | | | | | | |
| IT-NETW-0006 | (7) | Workstation Replacement project | (15,900) | 33,900 | 18,000 | 18,000 | 18,000 | 18,000 | 90,000 |
| IT-NETW-0011 | | Server Room Uninterrupted Power Source | - | 50,900 | - | - | - | - | 50,900 |
| IT-NETW-0013 | | Servers and Related Equipment (4 per year, 3 year life, \$15K per server) | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |
| IT-NETW-0014 | | Network Infrastructure and Equipment (Network Switches, Firewall Appliances, SAN Storage, Tape/Backup Storage, Power Capacity) | - | - | - | 85,000 | - | - | 85,000 |
| Total IT Network Infrastructure Projects | | | 44,100 | 144,800 | 78,000 | 163,000 | 78,000 | 78,000 | 585,900 |
| IT SCADA Infrastructure Projects | | | | | | | | | |
| IT-SCAD-0002 | | Wonderware SCADA Phase 2 Project | 268,500 | - | 89,500 | - | - | - | 358,000 |
| IT-SCAD-0003 | | Wonderware SCADA Phase 3 Project | 153,700 | - | 51,200 | - | - | - | 204,900 |
| IT-SCAD-0004 | | AMR / AMI Deployment Project | 648,700 | 3,345,700 | - | - | - | - | 3,994,400 |
| IT-SCAD-0005 | | New Development Meters | 187,100 | - | 457,700 | 356,000 | 293,200 | 378,700 | 1,672,700 |
| IT-SCAD-0007 | | Back- End SCADA Software and Equipment | 30,000 | - | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Total IT SCADA Infrastructure Projects | | | 1,288,000 | 3,345,700 | 628,400 | 386,000 | 323,200 | 408,700 | 6,380,000 |
| IT/Field Operations/Administration Projects | | | | | | | | | |
| IT-ADMN-0001 | | Laser-Fishe Digitized Fileroom Project | - | 33,200 | 33,200 | - | - | - | 66,400 |
| IT-ADMN-0002 | (1) | Board Room Audio / Video System | 115,400 | - | - | - | - | - | 115,400 |
| IT-ADMN-0003 | | Front Office Space Reconfiguration & Furniture Replacement | 23,700 | - | - | - | - | - | 23,700 |
| Total IT Field Operations/Administration Projects | | | 139,100 | 33,200 | 33,200 | - | - | - | 205,500 |
| Vehicles & Equipment | | | | | | | | | |
| VE-TRUK-0002 | | 2018 Ford F150 Reg Cab (Oct, 2017) Unit #34 | - | - | - | - | - | - | - |
| VE-TRUK-0003 | | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #35 | - | - | - | - | - | 26,000 | 26,000 |
| VE-TRUK-0004 | | 2018 Ford F250 Reg Cab 4 X 4 (Aug, 2017) Unit #33 | - | - | - | - | 33,200 | - | 33,200 |
| VE-TRUK-0005 | | 2018 Ford F250 Reg Cab 4 X 4 (Aug, 2017) Unit #32 | - | - | - | - | 38,200 | - | 38,200 |
| VE-TRUK-0006 | | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #36 | - | - | - | - | - | 26,000 | 26,000 |
| VE-TRUK-0007 | | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #37 | - | - | - | - | - | 26,000 | 26,000 |
| VE-TRUK-0010 | | 2018 Ford F-250 Super Cab XL 4x4 (Oct, 2018) Unit #38 | - | - | - | - | - | 43,600 | 43,600 |
| VE-TRUK-0012 | | 2008 Ford F450 (Dec, 2008) Unit #5 | 75,000 | - | - | - | - | - | 75,000 |



Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
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| Engineering Project # | Footnotes | Capital Improvement Program | Estimated | 2022 Budget | 2023 Budget | 2024 Budget | 2025 Budget | 2026 Budget | 5-Year Budget |
|--|-----------|---|---------------------------|----------------|-------------|---------------|---------------|----------------|----------------|
| | | | Carry Over 2021 Budget | Request | Request | Request | Request | Request | Total |
| VE-TRUK-0013 | | 2008 Ford F-550 1 Ton Truck w/ 3/4 Ton Dump Bed (Apr, 2009) Unit #12 | - | 71,000 | - | - | - | - | 71,000 |
| VE-TRUK-0014 | | 2011 Ford F350 (Jan, 2011) Unit #17 (Appropriately Sized F-450) | - | 60,000 | - | - | - | - | 60,000 |
| VE-TRUK-0015 | | GIS / Muck Truck (Freightliner Diesel) (May, 2004) Unit #8 | - | 207,300 | - | - | - | - | 207,300 |
| VE-TRUK-0016 | | Chevrolet Colorado 4X4 | 35,000 | - | - | - | - | - | 35,000 |
| VE-TRUK-0017 | | Chevrolet Colorado 4X4 (Recycled Water) | 35,000 | - | - | - | - | - | 35,000 |
| VE-TRUK-0018 | (3) | 2012 Ford F-350 Super Duty Unit #4 (Appropriately Sized F-450) | - | 60,000 | - | - | - | - | 60,000 |
| VE-HEAV-0002 | (5) | 2007 John Deere Backhoe 310SG (Aug, 2009) | - | - | - | - | - | - | - |
| VE-HEAV-0003 | (3) | Large Trailer for Heavy Equipment Transport | - | 20,000 | - | - | - | - | 20,000 |
| VE-EQIP-0001 | | Air Compressor (May, 1998) | - | 19,800 | - | - | - | - | 19,800 |
| VE-EQIP-0002 | | Ingersoll Rand Air Compressor (Dec, 2008) | - | - | - | 19,800 | - | - | 19,800 |
| VE-EQIP-0003 | | Water Buffalo (Feb, 2018) | - | - | - | - | - | 10,000 | 10,000 |
| Total Vehicles & Equipment | | | 145,000 | 438,100 | - | 19,800 | 71,400 | 131,600 | 805,900 |
| Non-Potable Infrastructure Projects | | | | | | | | | |
| NEO-0000-0001 | (8) | Recycled Water Conversion and Implementation | 520,100 | 171,700 | - | - | - | - | 691,800 |
| NPR-2600-0001 | | 2600 to 2400 Non-potable Water Pressure Regulator | - | - | - | - | - | 173,400 | 173,400 |
| NBP-2600-0003 | | 2800 Zone Non-potable Booster at COB Treatment Plant | 881,200 | - | 7,329,600 | 1,597,100 | - | - | 9,807,900 |
| NP-2600-0001 | (2) | 24" San Timoteo Rd, Palmer to Tukwet Canyon | 1,177,400 | - | 1,275,800 | 1,316,400 | 1,604,300 | - | 5,373,900 |
| NP-2600-0002 | | 12" Tukwet Canyon, Champions to SuncaI Tract | - | - | - | - | 615,900 | - | 615,900 |
| NP-2600-0003 | (2) | 18" Tukwet Canyon, SuncaI Tract to San Timoteo | 301,600 | - | 326,800 | 337,200 | 411,000 | - | 1,376,600 |
| NP-2600-0004 | (2) | 18" San Timoteo Canyon, Tukwet Canyon to end of Existing NP | 392,100 | - | 424,900 | 438,400 | 534,200 | - | 1,789,600 |
| NP-2600-0017 | | 12" Sun Cal Tract, Oak Valley Pkwy North to Tukwet Canyon Rd. | - | - | 1,191,900 | - | - | - | 1,191,900 |
| NPR-2600-0002 | | 2600 to 2520 Non-potable Water Pressure Regulator | - | - | - | - | - | 173,400 | 173,400 |
| NPR-2600-0002 | | 2600 Zone Non-potable Regulation and Metering Station | - | - | 210,500 | - | - | 251,900 | 462,400 |
| NT-2600-0001 | | 3 MG 2600 Zone Non-potable Water Tank | - | - | 1,083,500 | 4,506,300 | - | - | 5,589,800 |
| NWR-2600-0002 | (2) | San Timoteo Creek Non-potable Extraction Wells | 840,800 | - | - | - | 969,900 | 1,000,800 | 2,811,500 |
| NP-2800-0001 | | 24" In Sunny-Cal, Cherry Valley Blvd to Brookside Ave. | - | - | - | - | - | 368,800 | 368,800 |
| NP-2800-0012 | | 30" COB WWTP SITE, from 2600 to 2800 Zone Booster Pump (NPB 2600-0003) to 4th | - | - | 274,700 | 1,142,500 | - | - | 1,417,200 |
| NP-2800-0014 | | 12" Highland Springs Ave, 2nd St to 1st St | - | - | - | 119,500 | - | - | 119,500 |



Beaumont-Cherry Valley Water District
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2022 - 2026 Capital Improvement Budget Detail

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated | 2022 Budget | 2023 Budget | 2024 Budget | 2025 Budget | 2026 Budget | 5-Year Budget |
|--|-----------|---|---------------------------|---------------------|----------------------|----------------------|----------------------|---------------------|-----------------------|
| | | | Carry Over 2021 Budget | Request | Request | Request | Request | Request | Total |
| NP-2800-0016 | (5) | 12" Sundance TR, Cougar Way South to Park circle | - | - | - | - | - | - | - |
| NP-2800-0017 | (5) | 12" Sundance TR, Park circle to Highland Springs Ave. | - | - | - | - | - | - | - |
| NP-2800-0018 | (5) | 8" Sundance TR, Cougar Way South to Park square | - | - | - | - | - | - | - |
| NP-2800-0019 | (9) | 8" Sundance TR, Mary lane, Tioga Tr West | 173,200 | (173,200) | - | - | - | - | - |
| NPR-2800-0001 | | 2800 to 2600 Non-potable Water Pressure Regulator | - | 241,300 | - | - | - | 273,500 | 514,800 |
| NPT-2800-001 | | Raw Water Filter System at 2800 PZ Tank | - | - | - | 318,300 | - | - | 318,300 |
| NT-2800-0001 | | 2MG Non-potable 2800 Zone Tank | - | - | - | 434,400 | 4,047,300 | - | 4,481,700 |
| Total Non-Potable Infrastructure Projects | | | 4,286,400 | 239,800 | 12,117,700 | 10,210,100 | 8,182,600 | 2,241,800 | 37,278,400 |
| Total Capital Improvement Program | | | \$ 23,007,300 | \$ 7,911,000 | \$ 35,386,600 | \$ 25,967,600 | \$ 19,977,100 | \$ 8,421,800 | \$ 120,671,400 |

Footnotes

- (1) Project completed in 2022 with unspent budget remaining
- (2) Project was initially budgeted for 2021 but will not be initiated until 2023 or later
- (3) New project for 2022
- (4) Project is ongoing
- (5) Project complete
- (6) Project is ongoing, all have been reconciled as one project
- (7) Unspent funds from Workstation Replacement project for 2020 were not carried over to 2021, causing the negative carryover for 2021
- (8) Non-Potable Infrastructure Project Recycled Water Conversion and Implementation was originally estimated to cost \$534,000, with a revised estimated cost of \$691,800
- (9) Pipeline Project 8" Sundance TR, Mary lane, Tioga Tr West, budgeted for 2021, will not be constructed



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail (AMENDED)**

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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Rep. | Res. Developer | Other | Capital Improvement Program | Total project cost, origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | | | | | | 5-Year Budget Total | | | | | | | |
|--|-----------|---------------|---------------|-----------|----------------|-------|---|--------------------------------------|--------------------------------------|---|-----------------|-------------|-----------------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|-------------------|--|--|--|
| | | | | | | | | | | | Approved Budget | YTD Actuals | Additions (Deletions) | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | | 2025 Budget Request | 2026 Budget Request | | | | | |
| Potable Infrastructure Projects | | | | | | | | | | | | | | | | | | | | | | | | | |
| EOC-001 | | Other | 0% | 100% | 0% | 0% | BCVWD EOC Staffing and Space Requirements | 2020 | \$ 18,793,200 | \$ 20,007,452 | \$ 1,000,000 | | | 1,000,000 | - | \$ 760,000 | \$ - | \$ - | \$ - | \$ - | \$ - | 1,760,000 | | | |
| DPK-001 | | Other | 0% | 100% | 0% | 0% | Disaster Preparedness Equipment | 2020 | 932,265 | 992,500 | 466,133 | | | 466,100 | - | 233,100 | 233,100 | - | - | - | - | 932,300 | | | |
| WR-SITES-Reser | | Other | 100% | 0% | 0% | 0% | Investment in Sites Reservoir Project | 2020 | 28,373,643 | 30,208,899 | 93,714 | | 400,000 | 93,700 | 400,000 | 519,600 | 866,100 | 1,039,300 | 1,385,700 | | | 4,304,400 | | | |
| | | Other | 100% | 0% | 0% | 0% | 2020 Capacity Charge Study | 2020 | 41,600 | 44,288 | 47,998 | | | 47,800 | - | - | - | - | - | - | - | 47,800 | | | |
| | (1) | Other | 0% | 100% | 0% | 0% | Well Eyewash Station Additions | 2019 | 51,630 | 56,714 | 43,941 | | 2,765 | 41,200 | - | - | - | - | - | - | - | 41,200 | | | |
| | (2) | Other | 0% | 100% | 0% | 0% | Climate Control for High Horsepower Electrical Buildings | 2019 | 50,000 | 54,923 | 57,450 | | 50 | 57,500 | - | - | - | - | - | - | - | 57,500 | | | |
| | (3) | Other | 0% | 100% | 0% | 0% | Arc Flash Study & Improvement Project | 2019 | 58,708 | 64,489 | 67,455 | | | 67,500 | - | - | - | - | - | - | - | 67,500 | | | |
| M-0000-0001 | | Other | 0% | 100% | 0% | 0% | 800HP Spare Motor | 2016 | 125,000 | 150,828 | 140,829 | | 95,922 | 44,900 | - | - | - | - | - | - | - | 44,900 | | | |
| M-0000-0002 | | Other | 0% | 100% | 0% | 0% | Chlorination Retrofit At Misc. Wells (6 Well Sites) | 2016 | 90,000 | 108,596 | 71,538 | | | 71,500 | - | - | - | - | - | - | - | 71,500 | | | |
| BP-2750-0001 | | 2750 | 0% | 100% | 0% | 0% | 2750 Zone to 2850 Zone Booster Pump Station | 2016 | 3,201,686 | 3,863,242 | - | | | - | - | 1,195,800 | 2,917,000 | - | - | - | - | 4,112,800 | | | |
| M-2750-0001 | | 2750 | 0% | 100% | 0% | 0% | 2850/2750 Pressure Reducing Station & Piping (Cherry Reservoir) | 2016 | 50,000 | 60,331 | - | | | - | - | 61,100 | - | - | - | - | - | 61,100 | | | |
| TM-2750-0001 | | 2750 | 0% | 100% | 0% | 0% | Cherry Reservoir 1 & 2 Exterior Reccoat and Retrofit | 2022 | 500,000 | 500,000 | - | | 500,000 | - | 500,000 | - | - | - | - | - | - | 500,000 | | | |
| W-2750-0001 | | 2750 | 0% | 100% | 0% | 0% | Replacement for Well 2 | 2016 | 5,257,697 | 6,344,080 | 1,800,069 | | 3,689 | 1,796,400 | - | 2,304,400 | 2,511,100 | - | - | - | - | 6,611,900 | | | |
| W-2750-0002 | | 2750 | 100% | 0% | 0% | 0% | 2750 Zone Well in Noble Creek Regional Park | 2016 | 6,152,420 | 7,423,678 | 2,114,972 | | | 2,115,000 | - | 541,800 | 5,119,000 | - | - | - | - | 7,775,800 | | | |
| W-2750-0005 | | 2750 | 25% | 75% | 0% | 0% | Replace 2750 Zone Well 1 | 2016 | 3,677,088 | 4,436,875 | 1,671,914 | | 3,689 | 1,668,200 | - | 2,771,200 | - | - | - | - | - | 4,439,400 | | | |
| BP-2850-0001 | | 2850 | 0% | 100% | 0% | 0% | 2850 Zone to 3040 Zone Booster Pump Station | 2016 | 3,474,409 | 4,192,317 | - | | 419,300 | - | 419,200 | 3,906,400 | - | - | - | - | - | 4,325,600 | | | |
| TM-2850-0001 | | 2850 | 0% | 100% | 0% | 0% | Vineland 1 Exterior Reccoat and Retrofit | 2022 | 250,000 | 250,000 | - | | 250,000 | - | 250,000 | - | - | - | - | - | - | 250,000 | | | |
| W-2850-0001 | | 2850 | 100% | 0% | 0% | 0% | New Beaumont Basin Well on Pardee Sundance Site | 2016 | 6,152,420 | 7,423,678 | - | | | - | - | 2,291,900 | 559,100 | 5,541,000 | - | - | - | 8,392,000 | | | |
| W-2850-0006 | | 2850 | 0% | 100% | 0% | 0% | Re-equip Well 23 | 2016 | 788,125 | 950,973 | - | | | - | - | - | - | 522,300 | 589,800 | - | - | 1,112,100 | | | |
| BP-3040-0001 | | 3040 | 50% | 50% | 0% | 0% | 3040 to 3330 Booster Pump Station at Noble Tank | 2016 | 1,960,515 | 2,365,611 | - | | | - | - | 244,100 | 1,137,200 | 1,217,300 | - | - | - | 2,598,600 | | | |
| M-3040-0002 | | 3040 | 0% | 100% | 0% | 0% | Noble Booster Pump and Motor(Spare Pump & Motor) | 2016 | 25,000 | 30,166 | - | | | 25,303 | - | - | - | - | - | - | - | 25,300 | | | |
| T-3040-0001 Tank | | 3040 | 100% | 0% | 0% | 0% | 2 MG 3040 Zone Tank | 2016 | 3,455,242 | 4,169,189 | 3,168,734 | | | 3,168,700 | - | 711,400 | - | - | - | - | - | 3,880,100 | | | |
| T-3040-0001 PZ Pipeline | | 3040 | 100% | 0% | 0% | 0% | Pressure Zone Pipeline | 2016 | 1,117,179 | 1,348,019 | 1,047,794 | | | 1,047,800 | - | 235,100 | - | - | - | - | - | 1,282,900 | | | |
| TM-3330-0001 | | 3330 | 0% | 100% | 0% | 0% | Highland Springs Reservoir Reccoat & Retrofit | 2016 | 350,000 | 422,220 | 402,150 | | 50 | 402,200 | - | - | - | - | - | - | - | 402,200 | | | |
| PR-3330-0001 | | 3330 | 0% | 100% | 0% | 0% | 3330 to 3150 Lower Mesa, Noble Regulator | 2016 | 68,609 | 82,786 | - | | | - | - | - | 88,100 | - | - | - | - | 88,100 | | | |
| TM-3330-0001 | | 3330 | 0% | 100% | 0% | 0% | Lower Edgar Reservoir Reccoat & Retrofit | 2016 | 350,000 | 422,320 | 402,150 | | 50 | 402,200 | - | - | - | - | - | - | - | 402,200 | | | |
| PR-3620-0001 | | 3620 | 0% | 100% | 0% | 0% | 3620 to 3330 Fisher Pressure Regulator | 2016 | 145,795 | 175,920 | 50,256 | | | 50,300 | - | - | - | 140,500 | - | - | - | 190,800 | | | |
| BP-HS-0001 | | HS | 0% | 100% | 0% | 0% | Add 3rd Booster Pump and Fire Pump at HS Hydro pneumatic | 2016 | 214,405 | 258,706 | - | | | - | - | - | - | - | - | - | - | 293,200 | | | |
| WR | | #N/A | 100% | 0% | 0% | 0% | Grand Avenue Storm Drain (MDF Line 16) | 2016 | 4,662,012 | 5,625,311 | 2,701,840 | | 15,122 | 2,686,700 | - | - | - | - | - | - | - | 2,686,700 | | | |
| Total Potable Infrastructure Projects | | | | | | | | | | | | | 15,374,040 | 121,187 | 1,569,350 | 15,253,000 | 1,569,200 | 15,775,900 | 13,430,700 | 8,460,400 | 2,268,700 | 56,757,900 | | | |



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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | |
|--|-----------|---------------|---------------|-----------------|-----------|-------|---|-------------------------------------|--------------------------------------|---|------------------|----------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| | | | | | | | | | | | Approved Budget | YTD Actuals | | | | | | | | |
| Potable Pipeline Replacements | | | | | | | | | | | | | | | | | | | | |
| P-2750-0025 | | 2750 | 0% | 100% | 0% | 0% | Maple Ave., 1st St to 3rd St | 2016 | \$ 259,027 | \$ 312,549 | - | - | - | 64,500 | 268,200 | - | - | - | 332,700 | |
| P-2750-0035 | | 2750 | 0% | 100% | 0% | 0% | Allegheny St., 6th to 8th | 2016 | 189,890 | 229,126 | - | - | - | - | - | 50,300 | 209,400 | - | 259,700 | |
| P-2750-0036 | | 2750 | 0% | 100% | 0% | 0% | Michigan St., 6th to 8th | 2016 | 388,118 | 468,314 | - | - | - | 96,600 | 401,900 | - | - | - | 498,500 | |
| P-2750-0045 | | 2750 | 0% | 100% | 0% | 0% | 7th St., California Ave. to Beaumont Ave. | 2016 | 404,901 | 488,565 | - | - | - | - | - | 107,300 | 446,400 | - | 553,700 | |
| P-2750-0049 | | 2750 | 0% | 100% | 0% | 0% | 10th St., Palm Ave. to Michigan Ave. | 2016 | 201,606 | 243,264 | - | - | - | - | - | 53,400 | 222,300 | - | 275,700 | |
| P-2750-0050 | | 2750 | 0% | 100% | 0% | 0% | Orange Ave., 8th St to 10th st | 2016 | 489,766 | 590,965 | - | - | - | - | - | 129,800 | 540,000 | - | 669,800 | |
| P-2750-0056 | (H) | 2750 | 0% | 100% | 0% | 0% | 11th Street, Beaumont Avenue to Elm Avenue | 2022 | 1,377,490 | 1,377,490 | - | - | - | - | - | - | - | - | 1,421,300 | |
| P-2750-0057 | | 2750 | 0% | 100% | 0% | 0% | Magnolia Ave., 7th to 8th | 2016 | 147,585 | 178,563 | - | 275,500 | - | 275,500 | 1,145,800 | - | 39,200 | 163,200 | 202,400 | |
| P-2750-0058 | | 2750 | 0% | 100% | 0% | 0% | Wellwood Ave., B St north to end | 2016 | 40,532 | 48,907 | - | - | - | - | - | 10,700 | 44,700 | - | 55,400 | |
| P-2750-0064 | (H) | 2750 | 0% | 100% | 0% | 0% | Antonell Court, Pennsylvania Ave. to Cherry Ave. | 2021 | 245,000 | 252,791 | 245,000 | 245,000 | - | - | - | - | - | - | - | |
| P-2750-0066 | | 2750 | 0% | 100% | 0% | 0% | Egan Ave.-Wellwood Ave. Alley, 5th to 8th St | 2016 | 344,419 | 415,586 | - | - | - | 85,800 | 356,700 | - | - | - | 442,500 | |
| P-2750-0067 | | 2750 | 0% | 100% | 0% | 0% | Elm Ave.-Wellwood Ave. Alley, 7th St. to 5th St. | 2016 | 144,713 | 178,635 | - | - | - | 36,000 | 149,900 | - | - | - | 185,900 | |
| P-2750-0068 | | 2750 | 0% | 100% | 0% | 0% | Elm Ave., 6th to 7th | 2016 | 91,092 | 109,914 | - | - | - | - | 22,700 | 94,300 | - | - | 117,000 | |
| P-2750-0069 | (H) | 2750 | 0% | 100% | 0% | 0% | Egan Ave-California Ave. Alley, 5th to 7th | 2016 | 211,423 | 255,108 | 151,523 | 559 | - | 151,000 | - | - | - | - | - | 151,000 |
| P-2750-0092 | (H) | 2750 | 0% | 100% | 0% | 0% | Michigan Avenue, 5th Street to 6th Street | 2022 | 374,368 | 374,368 | - | - | 67,200 | - | 67,200 | 311,400 | - | - | - | 378,600 |
| P-2750-0087 | | 2750 | 0% | 100% | 0% | 0% | Beaumont 5th to 6th (Abandon pipeline) | 2016 | 33,566 | 40,501 | - | - | - | - | - | - | 44,500 | - | 44,500 | |
| P-3040-0005 | (H) | 3040 | 0% | 100% | 0% | 0% | Lincoln Avenue, 4th to 8th | 2016 | 358,775 | 432,907 | - | - | - | 75,100 | 743,400 | - | - | - | 618,500 | |
| P-3040-0007 | | 3040 | 0% | 100% | 0% | 0% | Lincoln St. Cherry Ave to Jonathan Ave | 2016 | 358,775 | 432,907 | - | - | - | - | - | 95,100 | 395,500 | - | 490,600 | |
| P-3040-0010 | | 3040 | 0% | 100% | 0% | 0% | Jonathan Ave., Brookside Ave. to Dutton St. | 2016 | 1,153,272 | 1,391,570 | - | - | - | - | - | 305,700 | 1,271,500 | - | 1,577,200 | |
| P-3040-0023,24,25,26 | | | | | | | | | | | | | | | | | | | | |
| P-3330-0003 | | | | | | | | | | | | | | | | | | | | |
| P-3620-0009 | (H) | 3040 | 0% | 100% | 0% | 0% | 2020-2021 Replacement Pipelines | 2016 | 1,260,667 | 1,521,155 | - | - | 304,200 | - | 304,200 | 1,265,300 | - | - | - | 1,569,500 |
| P-3040-0023 | (H) | 3040 | 0% | 100% | 0% | 0% | Bing Pl | 2016 | 90,037 | 108,641 | 20,690 | - | (20,700) | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0024 | (H) | 3040 | 0% | 100% | 0% | 0% | Lambert Pl | 2016 | 90,037 | 108,641 | 20,690 | - | (20,700) | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0025 | (H) | 3040 | 0% | 100% | 0% | 0% | Star Ln, Sky Ln, and View Dr | 2016 | 344,314 | 415,459 | - | - | - | - | - | - | - | - | - | - |
| P-3040-0026 | (H) | 3040 | 0% | 100% | 0% | 0% | Utica Way, VineLand St to View Dr. | 2016 | 159,491 | 192,446 | - | - | (36,700) | 36,700 | (36,700) | - | - | - | - | - |
| P-3040-0027 | | 3040 | 0% | 100% | 0% | 0% | Grand Ave., Jonathan Ave. to Bellflower; Cherry Valley Blvd. Bellflower to HS Village 12 in | 2016 | 861,101 | 1,039,028 | 197,881 | - | - | 197,900 | - | 864,300 | - | - | - | 1,062,200 |
| P-3330-0003 | (H) | 0 | 0% | 100% | 0% | 0% | Avenida Sonrisa | 2016 | 444,637 | 536,511 | 102,178 | - | (102,200) | 102,200 | (102,200) | - | - | - | - | - |
| "B" Line Upper Edgar to upper end of 20" DIP and from lower end 20" DIP to Balance line and Balance | | | | | | | | | | | | | | | | | | | | |
| P-3620-0001 | | 3620 | 0% | 100% | 0% | 0% | Line in Edgar Canyon | 2016 | 1,744,474 | 2,104,930 | 400,880 | - | 1,704,030 | 400,900 | 1,704,000 | - | - | - | - | 2,104,900 |
| P-3620-0002 | | 3620 | 0% | 100% | 0% | 0% | "A" Line Upper Edgar to split at Apple Tree Lane Tract | 2016 | 1,895,626 | 2,287,314 | - | - | - | - | 487,000 | 2,025,500 | - | - | 2,512,500 | |
| P-3620-0009 | (H) | 3620 | 0% | 100% | 0% | 0% | Ave. Miravilla, End of 12-in to Whispering Pines | 2016 | 132,152 | 159,459 | 30,369 | - | (30,400) | 30,400 | (30,400) | - | - | - | - | - |
| P-3620-0012 | (H) | 3620 | 0% | 100% | 0% | 0% | Ave Altojo Bella, Ave Miravilla to end of cul-de-sac | 2016 | 272,010 | 328,215 | - | 850 | - | 221,700 | - | - | - | - | - | 221,700 |
| P-3620-0015 | (H) | 3620 | 0% | 100% | 0% | 0% | Appletree Ln, B line to Oak Glen Rd | 2016 | 660,023 | 796,402 | 670,083 | - | 560 | 669,500 | - | - | - | - | - | 669,500 |
| Total Potable Pipeline Replacements | | | | | | | | | 15,229,013 | 17,056,404 | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,215,300 | 4,635,800 | 1,758,000 | 2,861,500 | 3,291,000 | 16,615,300 |



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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost, origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | Additions (Deletions) | Estimated | 2022 Budget | 2023 Budget | 2024 Budget | 2025 Budget | 2026 Budget | 5-Year Budget | |
|--|-----------|---------------|---------------|-----------------|-----------|-------|--|--------------------------------------|--------------------------------------|---|------------------|-----------------------|------------------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| | | | | | | | | | | | Approved Budget | | Carry Over 2021 Budget | Request | Request | Request | Request | Request | Total | |
| IT Network Infrastructure Projects | | | | | | | | | | | | | | | | | | | | |
| IT-NETW-0006 | (7) | N/A | 0% | 100% | 0% | 0% | Workstation Replacement project | | | | 18,246 | 34,116 | 33,848 | (15,900) | 33,900 | 18,000 | 18,000 | 18,000 | 18,000 | 90,000 |
| IT-NETW-0011 | | N/A | 0% | 100% | 0% | 0% | Server Room Uninterrupted Power Source | | | | - | | 50,900 | - | 50,900 | - | - | - | - | 50,900 |
| IT-NETW-0013 | | N/A | 0% | 100% | 0% | 0% | Servers and Related Equipment (4 per year, 3 year life, \$15K per server) | | | | 60,000 | | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |
| IT-NETW-0014 | | N/A | 0% | 100% | 0% | 0% | Network Infrastructure and Equipment (Network Switches, Firewall Appliances, SAN Storage, Tape/Backup Storage, Power Capacity) | | | | - | | - | - | - | 85,000 | - | - | - | 85,000 |
| Total IT Network Infrastructure Projects | | | | | | | | | | | 78,246 | 34,116 | 144,748 | 44,100 | 144,800 | 78,000 | 163,000 | 78,000 | 78,000 | 585,900 |
| IT SCADA Infrastructure Projects | | | | | | | | | | | | | | | | | | | | |
| IT-SCAD-0002 | | N/A | 0% | 100% | 0% | 0% | Wonderware SCADA Phase 2 Project | | | | 268,508 | | | 268,500 | - | 89,500 | - | - | - | 358,000 |
| IT-SCAD-0003 | | N/A | 0% | 100% | 0% | 0% | Wonderware SCADA Phase 3 Project | | | | 153,723 | | | 153,700 | - | 51,200 | - | - | - | 204,900 |
| IT-SCAD-0004 | | N/A | 0% | 71% | 0% | 29% | AMR / AMI Deployment Project | | | | 2,204,865 | 3,556,141 | 3,345,705 | 648,700 | 3,345,700 | - | - | - | - | 3,994,400 |
| IT-SCAD-0005 | | N/A | 0% | 0% | 100% | 0% | New Development Meters | | | | 531,262 | 344,150 | | 187,100 | - | 457,700 | 356,000 | 293,200 | 378,700 | 1,672,700 |
| IT-SCAD-0007 | | N/A | 0% | 100% | 0% | 0% | Back-End SCADA Software and Equipment | | | | 30,000 | | | 30,000 | - | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Total IT SCADA Infrastructure Projects | | | | | | | | | | | 3,188,359 | 1,900,291 | 3,345,705 | 1,288,000 | 3,345,700 | 628,400 | 386,000 | 323,200 | 408,700 | 6,380,000 |
| IT/Field Operations/Administration Projects | | | | | | | | | | | | | | | | | | | | |
| IT-ADMN-0001 | | N/A | 0% | 100% | 0% | 0% | Laser-Fishe Digitized Fileroom Project | | | | - | | 33,228 | - | 33,200 | - | - | - | - | 66,400 |
| IT-ADMN-0002 | (1) | N/A | 0% | 100% | 0% | 0% | Board Room Audio / Video System | | | | 150,000 | | | 115,400 | - | - | - | - | - | 115,400 |
| IT-ADMN-0003 | | N/A | 0% | 100% | 0% | 0% | Front Office Space Reconfiguration & Furniture Replacement | | | | 24,064 | 409 | | 23,700 | - | - | - | - | - | 23,700 |
| Total IT Field Operations/Administration Projects | | | | | | | | | | | 174,064 | 34,990 | 33,228 | 139,100 | 33,200 | 33,200 | - | - | - | 205,500 |
| Vehicles & Equipment | | | | | | | | | | | | | | | | | | | | |
| VE-TRUK-0002 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F150 Reg Cab (Oct, 2017) Unit #34 | | N/A | | - | | | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0003 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #35 | | N/A | | - | | | - | - | - | - | - | - | 33,200 |
| VE-TRUK-0004 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F250 Reg Cab 4 x 4 (Aug, 2017) Unit #33 | | N/A | | - | | | - | - | - | - | - | - | 38,200 |
| VE-TRUK-0005 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F250 Reg Cab 4 x 4 (Aug, 2017) Unit #32 | | N/A | | - | | | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0006 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #36 | | N/A | | - | | | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0007 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #37 | | N/A | | - | | | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0010 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-250 Super Cab XL 4x4 (Oct, 2018) Unit #38 | | N/A | | - | | | - | - | - | - | - | - | 43,600 |
| VE-TRUK-0012 | | N/A | 0% | 100% | 0% | 0% | 2008 Ford F450 (Dec, 2008) Unit #5 | | N/A | | 75,000 | | | 75,000 | - | - | - | - | - | 75,000 |



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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Rep. | Res. | Developer | Other | Project Description | Total project cost, origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | |
|--|-----------|---------------|---------------|-----------|------|-----------|-------|---|--------------------------------------|--------------------------------------|---|-----------------|----------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------|
| | | | | | | | | | | | | Approved Budget | YTD Actuals | | | | | | | | |
| Capital Improvement Program | | | | | | | | | | | | | | | | | | | | | |
| VE-TRUK-0013 | | N/A | 0% | 100% | 0% | 0% | 0% | 2008 Ford F-550 1 Ton Truck w/ 3/4 Ton Dump Bed (Apr, 2009) Unit #12 | N/A | N/A | - | - | 71,000 | - | 71,000 | - | - | - | - | - | 71,000 |
| VE-TRUK-0014 | | N/A | 0% | 100% | 0% | 0% | 0% | 2011 Ford F350 (Jan, 2011) Unit #17 (Appropriately Sized F-450) | N/A | N/A | - | - | 60,000 | - | 60,000 | - | - | - | - | - | 60,000 |
| VE-TRUK-0015 | | N/A | 0% | 100% | 0% | 0% | 0% | GIS / Muck Truck (Freightliner Diesel) (May, 2004) Unit #8 | N/A | N/A | - | - | 207,300 | - | 207,300 | - | - | - | - | - | 207,300 |
| VE-TRUK-0016 | | N/A | 0% | 100% | 0% | 0% | 0% | Chevrolet Colorado 4x4 | N/A | N/A | - | - | 35,000 | 35,000 | - | - | - | - | - | - | 35,000 |
| VE-TRUK-0017 | | N/A | 100% | 0% | 0% | 0% | 0% | Chevrolet Colorado 4x4 (Recycled Water) | N/A | N/A | - | - | 35,000 | 35,000 | - | - | - | - | - | - | 35,000 |
| VE-TRUK-0018 | (H) | N/A | 100% | 0% | 0% | 0% | 0% | 2012 Ford F-350 Super Duty Unit #4 (Appropriately Sized F-450) | N/A | N/A | - | - | 60,000 | - | 60,000 | - | - | - | - | - | 60,000 |
| VE-HEAV-0002 | (B) | N/A | 0% | 100% | 0% | 0% | 0% | 2007 John Deere Backhoe 3105G (Aug, 2009) | N/A | N/A | 120,000 | 120,000 | - | - | - | - | - | - | - | - | - |
| VE-HEAV-0003 | (B) | N/A | 0% | 100% | 0% | 0% | 0% | Large Trailer for Heavy Equipment Transport | N/A | N/A | - | - | 20,000 | - | 20,000 | - | - | - | - | - | 20,000 |
| VE-EQIP-0001 | | N/A | 0% | 100% | 0% | 0% | 0% | Air Compressor (May, 1998) | N/A | N/A | - | - | 19,800 | - | 19,800 | - | - | - | - | - | 19,800 |
| VE-EQIP-0002 | | N/A | 0% | 100% | 0% | 0% | 0% | Ingersoll Rand Air Compressor (Dec, 2008) | N/A | N/A | - | - | - | - | - | - | 19,800 | - | - | - | 19,800 |
| VE-EQIP-0003 | | N/A | 0% | 100% | 0% | 0% | 0% | Water Buffalo (Feb, 2018) | N/A | N/A | - | - | - | - | - | - | - | - | 10,000 | - | 10,000 |
| Total Vehicles & Equipment | | | | | | | | | | | | 265,000 | 120,000 | 438,100 | 145,000 | 438,100 | - | 19,800 | 71,400 | 131,600 | 805,900 |
| Non-Potable Infrastructure Projects | | | | | | | | | | | | | | | | | | | | | |
| NEO-0000-0001 | (H) | 0 | 100% | 0% | 0% | 0% | 0% | Recycled Water Conversion and Implementation | 2021 | 691,759 | 713,757 | 520,050 | - | 171,700 | 520,100 | 171,700 | - | - | - | - | 691,800 |
| NPR-2600-0001 | | 2520 | 100% | 0% | 0% | 0% | 0% | 2600 to 2400 Non-potable Water Pressure Regulator | 2016 | 126,799 | 152,999 | - | - | - | - | - | - | - | - | 173,400 | 173,400 |
| NBP-2600-0003 | | 2600 | 100% | 0% | 0% | 0% | 0% | 2800 Zone Non-potable Booster at COB Treatment Plant | 2016 | 7,669,465 | 9,254,145 | 881,188 | - | 881,200 | - | 7,329,600 | 1,597,100 | - | - | - | 9,807,900 |
| NP-2600-0001 | (I) | 2600 | 25% | 0% | 75% | 0% | 0% | 24" San Timoteo Rd, Palmer to Tukwet Canyon | 2016 | 4,099,072 | 4,946,052 | 1,177,414 | - | 1,177,400 | - | 1,275,800 | 1,316,400 | 1,604,300 | - | - | 5,373,900 |
| NP-2600-0002 | | 2600 | 0% | 0% | 100% | 0% | 0% | 12" Tukwet Canyon, Champions to SunCal Tract | 2016 | 464,643 | 560,650 | - | - | - | - | - | - | - | - | 615,900 | 615,900 |
| NP-2600-0003 | (I) | 2600 | 25% | 0% | 75% | 0% | 0% | 18" Tukwet Canyon, SunCal Tract to San Timoteo | 2016 | 1,050,076 | 1,267,050 | 301,623 | - | 301,600 | - | 326,800 | 337,200 | 411,000 | - | - | 1,376,600 |
| NP-2600-0004 | (I) | 2600 | 15% | 0% | 85% | 0% | 0% | 18" San Timoteo Canyon, Tukwet Canyon to end of Existing NP | 2016 | 1,365,005 | 1,647,052 | 392,083 | - | 392,100 | - | 424,900 | 438,400 | 534,200 | - | - | 1,789,600 |
| NP-2600-0017 | | 2600 | 0% | 0% | 100% | 0% | 0% | 12" Sun Cal Tract, Oak Valley Pkwy North to Tukwet Canyon Rd. | 2016 | 957,376 | 1,155,196 | - | - | - | - | 1,191,900 | - | - | - | - | 1,191,900 |
| NPR-2600-0000 | | 2600 | 100% | 0% | 0% | 0% | 0% | 2600 to 2520 Non-potable Water Pressure Regulator | 2016 | 126,799 | 152,999 | - | - | - | - | - | - | - | - | 173,400 | 173,400 |
| NPR-2600-0002 | | 2600 | 100% | 0% | 0% | 0% | 0% | 2600 Zone Non-potable Regulation and Metering Station | 2016 | 338,130 | 407,997 | - | - | - | - | 210,500 | - | - | - | 251,900 | 462,400 |
| NT-2600-0001 | | 2600 | 100% | 0% | 0% | 0% | 0% | 3 MG 2600 Zone Non-potable Water Tank | 2016 | 4,351,473 | 5,250,606 | - | - | - | - | 1,083,500 | 4,506,300 | - | - | - | 5,589,800 |
| NWR-2600-0002 | (I) | 2600 | 100% | 0% | 0% | 0% | 0% | San Timoteo Creek Non-potable Extraction Wells | 2016 | 14,635,437 | 17,659,517 | 840,774 | - | 840,800 | - | - | - | - | 969,900 | 1,000,800 | 2,811,500 |
| NP-2800-0001 | | 2800 | 30% | 0% | 70% | 0% | 0% | 24" 11n Sunny-Cal, Cherry Valley Blvd to Brookside Ave. | 2016 | 817,130 | 985,972 | - | - | - | - | - | - | - | - | 368,800 | 368,800 |
| NP-2800-0012 | | 2800 | 40% | 0% | 60% | 0% | 0% | 30" COB WWTP SITE, from 2600 to 2800 Zone Booster Pump (NPB 2600-0003) to 4th | 2016 | 1,103,240 | 1,331,200 | - | - | - | - | 274,700 | 1,142,500 | - | - | - | 1,417,200 |
| NP-2800-0014 | | 2800 | 0% | 0% | 100% | 0% | 0% | 12" Highland Springs Ave, 2nd St to 1st St | 2016 | 93,012 | 112,231 | - | - | - | - | - | - | - | - | 119,500 | 119,500 |



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail (AMENDED)**

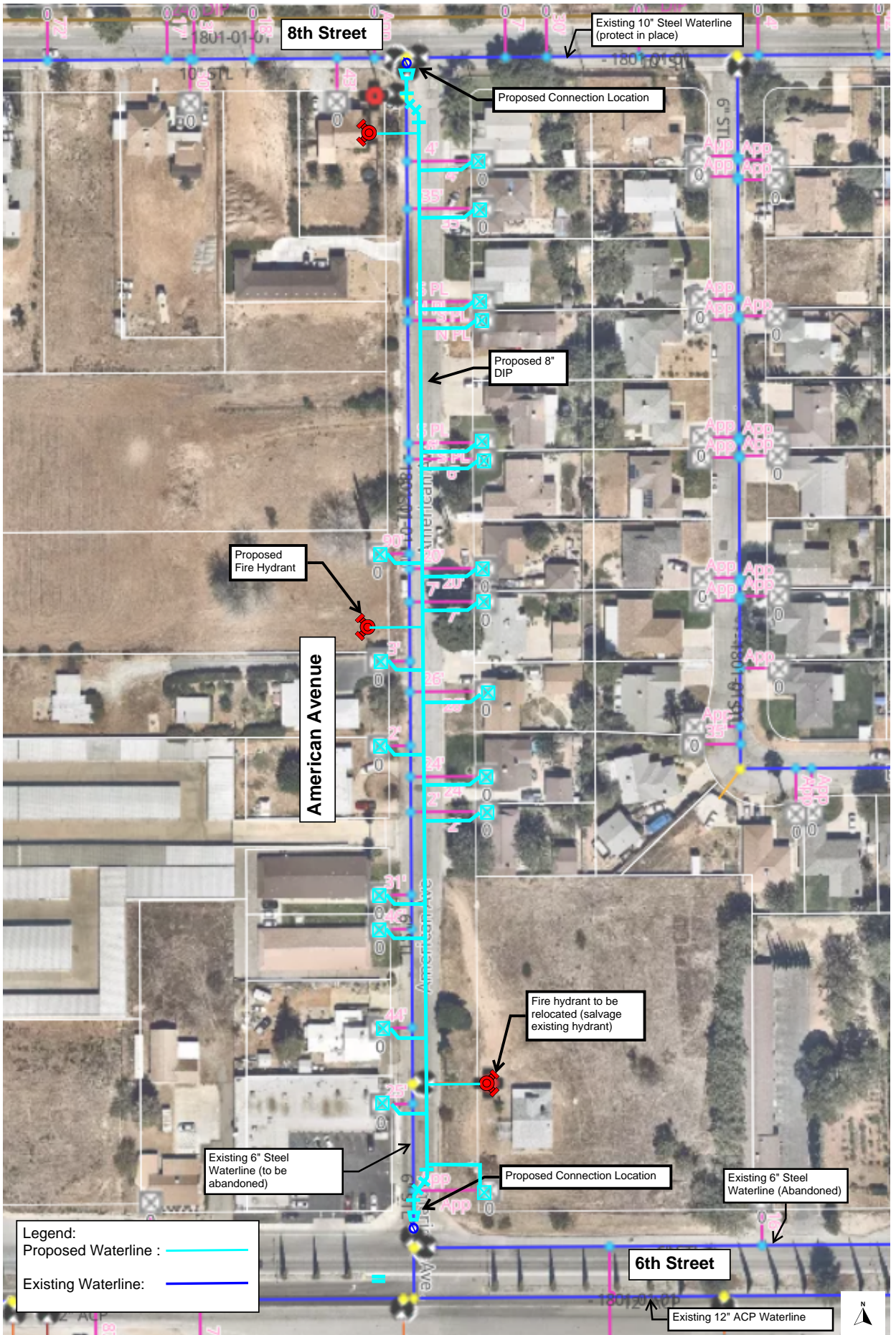
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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | | |
|--|-----------|---------------|---------------|-----------------|-----------|-------|---|-------------------------------------|--------------------------------------|---|----------------------|---------------------|----------------------------------|----------------------|---------------------|----------------------|----------------------|----------------------|---------------------|-----------------------|--|
| | | | | | | | | | | | Approved Budget | YTD Actuals | | | | | | | | | |
| NP-2800-0016 | (3) | 2800 | 0% | 0% | 100% | 0% | 12" Sundance TR, Cougar Way South to Park circle | 2016 | 199,549 | 240,781 | - | - | - | - | - | - | - | - | - | - | |
| NP-2800-0017 | (3) | 2800 | 0% | 0% | 100% | 0% | 12" Sundance TR, Park circle to Highland Springs Ave. | 2016 | 146,280 | 176,506 | - | - | - | - | - | - | - | - | - | - | |
| NP-2800-0018 | (3) | 2800 | 0% | 0% | 100% | 0% | 8" Sundance TR, Cougar Way South to Park square | 2016 | 66,586 | 80,344 | - | - | - | - | - | - | - | - | - | - | |
| NP-2800-0019 | (3) | 2800 | 0% | 0% | 100% | 0% | 8" Sundance TR, Mary lane, Tioga Tr West | 2016 | 150,754 | 181,904 | 173,210 | (173,200) | 173,200 | (173,200) | - | - | - | - | - | - | |
| NPR-2800-0001 | | 2800 | 100% | 0% | 0% | 0% | 2800 to 2600 Non-potable Water Pressure Regulator | 2016 | 200,000 | 241,325 | - | 241,325 | - | 241,300 | - | - | - | - | 273,500 | 514,800 | |
| NPT-2800-001 | | 2800 | 100% | 0% | 0% | 0% | Raw Water Filter System at 2800 PZ Tank | 2016 | 250,000 | 301,657 | - | - | - | - | - | 318,300 | - | - | - | 318,300 | |
| NT-2800-0001 | | 2800 | 100% | 0% | 0% | 0% | ZMG Non-potable 2800 Zone Tank | 2016 | 3,381,300 | 4,079,969 | - | - | - | - | - | 434,400 | 4,047,300 | - | - | 4,481,700 | |
| Total Non-Potable Infrastructure Projects | | | | | | | | | 48,732,074 | 58,680,512 | 9,974,529 | 5,688,188 | 239,825 | 4,286,400 | 239,800 | 12,117,700 | 10,210,100 | 8,182,600 | 2,241,800 | 37,278,400 | |
| Total Capital Improvement Program | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | \$ 31,152,717 | \$ 8,145,750 | \$ 7,911,186 | \$ 23,007,300 | \$ 7,986,100 | \$ 33,269,000 | \$ 25,967,600 | \$ 19,977,100 | \$ 8,421,800 | \$ 118,628,900 | |

Footnotes

- (1) Project completed in 2022 with unspent budget remaining
- (2) Project was initially budgeted for 2021 but will not be initiated until 2023 or later
- (3) New project for 2022
- (4) Project is ongoing
- (5) Project complete
- (6) Project is ongoing, all have been reconciled as one project
- (7) Unspent funds from Workstation Replacement project for 2020 were not carried over to 2021, causing the negative carryover for 2021
- (8) Non-Potable Infrastructure Project Recycled Water Conversion and Implementation was originally estimated to cost \$534,000, with a revised estimated cost of \$691,800
- (9) Pipeline Project 8" Sundance TR, Mary lane, Tioga Tr West, budgeted for 2021, will not be constructed

Attachment 5 - American Avenue Water Pipeline Replacement Project Location Map





Resolution 2022-__
 Exhibit "A"
AMENDED 2022-2026 Capital Improvement Budget
 Appendix C

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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 Approved Budget | YTD Actuals | Additions (Deletions) | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|--|-----------|---------------|---------------|-----------------|-----------|-------|-----------------------------|-------------------------------------|--------------------------------------|---|----------------------|-------------|-----------------------|----------------------------------|---------------------|----------------------|---------------------|---------------------|---------------------|-----------------------|
| Total Potable Pipeline | | | | | | | | | | | | | | | | | | | | |
| Replacements | | | | | | | | | | | | | | | | | | | | |
| P-2750-0095 | (B) | 2750 | 0% | 100% | | 0% | American Avenue, 6th to 8th | 2022 | 14,410,513 818,500 | 16,983,304 75,100 | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,140,200 75,100 | 3,892,400 743,400 | 1,758,000 | 2,861,500 | 3,293,000 | 15,796,800 818,500 |
| Total Potable Pipeline Replacements (AMENDED) | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 15,229,013 | 17,058,404 | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,215,300 | 4,635,800 | 1,758,000 | 2,861,500 | 3,293,000 | 16,615,300 |



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 7

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Resolution 2022-__ : Amending the 2022-2026 Capital Improvement Budget to Include the 2022-2023 Service Lateral Replacement Project (P-2750-0096)**

Staff Recommendation

1. Adopt Resolution 2022-__ Amending the 2022-2026 Capital Improvement Budget in the amount of **\$652,000.00** for the 2022-2023 Service Replacements Project (P-2750-0096) and;
2. Approve expenditures in an amount not to exceed **\$232,000.00** for the procurement of materials for the 2022-2023 Service Replacements Project (P-2750-0096).

Background

On April 5, 2022, the City of Beaumont (City) discussed the street selection of the 2021-2022 Annual Citywide Street Rehabilitation and Maintenance Project (2021-2022 Paving Project). One of the streets identified in the 2021-2022 Paving Project was 6th Street from Pennsylvania Avenue to Highland Springs Avenue, which is of importance to the District as it contains several services that require replacement (identified in the City of Beaumont Staff Report from April 5, 2022). Additionally, the 2021-2022 Paving Project created the urgency for the District to start on the 5th Street and Michigan Avenue Pipeline Replacement Project.

On June 7, 2022, the City announced the 2022-2023 Annual Citywide Street Rehabilitation and Maintenance Project (2022-2023 Paving Project). Of the streets identified in the City's 2022-2023 Paving Project, several streets were included within downtown Beaumont which contain services that will also require replacement in the future (identified in the City of Beaumont Staff Report from June 7, 2022). As discussed in previous Board meetings, the City currently has a pavement moratorium which prohibits pavement cuts into newly resurfaced or reconstructed streets.

Due to the City's pavement moratorium, District staff believes it will be beneficial to the District to replace all the existing services prior to the construction of the City's Paving Projects. District staff has identified existing water services in need of replacement:

- **P-2750-0060, 2022-2023 Service Lateral Replacement Project (2022-2023 Service Replacements)** – includes the replacement of approximately 117 water services of various materials with copper services.



District staff identifies that this water service replacement project is not currently identified in the District's Capital Improvement Plan (CIP); however, this project will identify the streets within the City's 2021-2022 and 2022-2023 Paving Project areas that are to be considered high priority due to the age of existing services and/or material type (polyethylene or galvanized steel) within the proposed project area (see Attachment 2 – Project Location Map). To proceed with the 2022-2023 Service Replacements Project, District staff is requesting the Board consider an adjustment to the 2022-2026 Capital Improvement Budget (CIB).

Summary

District staff identifies that pre-purchasing materials for the 2022-2023 Service Replacements project will minimize the amount of time required to commence construction activities therefore providing the best opportunity to remain ahead of the City's Paving Projects. The streets which District staff believes are high priority for service replacements due to the City's paving activities are identified in Attachment 2.

District staff proposes to prepare a new project identified as the 2022-2023 Water Service Replacement Project which would be bid for installation by an outside contractor with project design being completed in-house. Currently, District staff recommends that the Board of Directors authorize the prepurchase of necessary project materials while District staff begins preparation of bid documents for construction services by a contractor. The preliminary number of identified service replacements needed to facilitate this project in advance of the City's pavement project is 117 and exceeds the workload capacity of the District field staff due to City's pavement project timeline.

District staff has completed a preliminary Cost Estimate (see Attachment 3 – 2022-2023 Service Lateral Replacements Cost Estimate) to gain an understanding of the overall project cost to the District. The 2022-2023 Service Laterals Replacement Cost Estimate, shown in Attachment 3, considers the cost of materials and labor (prevailing wage) and includes a contingency of 20% for the costs of construction and a 15 percent contingency for all soft costs.

Fiscal Impact

The fiscal impact to the District will be an amount not to exceed \$652,000, as set forth in Attachment 3. Funding for this project will come from Capital Replacement Reserves for the completion of this work, and District staff will need to re-schedule other CIP work to accommodate for this expenditure.

Attachments:

Attachment 1 – Resolution 2022-__ : Amending the 2022-2026 Capital Improvement Budget

Attachment 2 – Project Location Map

Attachment 3 – 2022-2023 Service Lateral Replacements Cost Estimate

Attachment 4 – Adopted 2022-2026 Capital Improvement Budget, Appendix C

Attachment 5 – Proposed Amended 2022-2026 Capital Improvement Budget, Appendix C

Staff Report prepared by Evan Ward, Civil Engineering Assistant

RESOLUTION 2022-__

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
THE BEAUMONT-CHERRY VALLEY WATER DISTRICT
AMENDING THE 2022-2026 CAPITAL IMPROVEMENT
BUDGET**

WHEREAS, at its meeting on December 21, 2021, the Board of Directors of the Beaumont-Cherry Valley Water District approved Resolution 2021-25 Adopting the Annual Operating and 2022-2026 Capital Improvement Budget for the Fiscal Year Ending Dec 31, 2022; and

WHEREAS, the Board of Directors has carefully reviewed the proposed amendments and finds it necessary and appropriate to balance and amend the 2022 approved District operating budget as designated and attached hereto marked Exhibit "A"; and

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of the Beaumont-Cherry Valley Water District:

1. That \$652,000 is allocated to the District's Capital Replacement Reserve.
2. That the 2022 Fiscal Year Budget amendment described above in Item 1 is hereby incorporated into the adopted 2022-2026 Capital Improvement Budget as adopted on December 21, 2021 by Resolution 2021-25 of the Beaumont-Cherry Valley Water District.
3. The District's General Manager is authorized to take all necessary actions to implement the provisions of the amended 2022-2026 Capital Improvement Budget as adopted by this Resolution without further Board action.
4. The General Manager is directed to implement the intent of this Resolution as soon as reasonable following applicable procedures. The expenditure amounts designated as amended for the 2022-2026 Capital Improvement Budget are hereby appropriated and may be expended by the departments or funds for which they are designated.

ADOPTED this _____ day of _____, 2022 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

Director Lona Williams, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District

Director David Hoffman, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment: Exhibit A – Proposed Amended 2022-2026 Capital Improvement Budget



Resolution 2022-__
 Exhibit "A"
AMENDED 2022-2026 Capital Improvement Budget
 Appendix C

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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 Approved Budget | YTD Actuals | Additions (Deletions) | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|-----------------------|-----------|---------------|---------------|-----------------|-----------|-------|--|-------------------------------------|--------------------------------------|---|----------------------|-------------|-----------------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | | | | | Total Potable Pipeline Replacements | | 14,410,513 | 16,983,304 | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,140,200 | 3,892,400 | 1,758,000 | 2,861,500 | 3,293,000 | 15,796,800 |
| P-2750-0096 | (B) | 2750 | 0% | 100% | 0% | 0% | 2022-2023 Service Lateral Replacement Project | 2022 | 652,000 | 232,000 | | | | | 232,000 | 420,000 | | | | 652,000 |
| | | | | | | | Total Potable Pipeline Replacements (AMENDED) | | 15,062,513 | 17,215,304 | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,372,200 | 4,312,400 | 1,758,000 | 2,861,500 | 3,293,000 | 16,448,800 |

Attachment 2 - Project Location Map

See Sheet 2



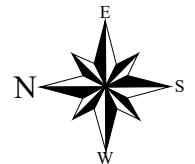
Legend

Pavement to be Repaired



of Services to be Replaced =

69





Sheet 2



Sheet 3



See Sheet 3

E 8th St

Xenia Ave

Highland Springs Ave

E 6th St

10 Affected Services

I-10 Freeway

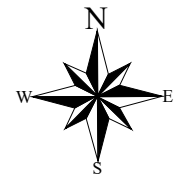
Legend

Pavement to be Repaired



of Services to be Replaced =

10



**Attachment 3 - 2022-2023 Service Lateral
Replacements Cost Estimate**

| 2022-2023 SERVICE LATERAL REPLACEMENTS | | |
|--|--|------------------|
| Project Cost Estimate Summary | | |
| ITEM NO. | CONSTRUCTION PHASE | |
| 1 | Mobilization | \$16,300 |
| 2 | Dust Control | \$0 |
| 3 | SWPPP | \$0 |
| 4 | Traffic Control | \$15,000 |
| 5 | Service Lateral Replacements | \$433,100 |
| 6 | Pavement Removal and Replacement | \$18,000 |
| 7 | Field Inspection / Engineering Support | \$8,500 |
| 8 | Contract Administration | \$8,000 |
| Subtotal Engineers Estimate (Construction) | | \$498,900 |
| Construction Contingency (20%) | | \$99,780 |
| TOTAL PIPELINE CONSTRUCTION ESTIMATE AND CONTINGENCIES | | \$598,680 |
| ITEM NO. | OTHER COSTS ESTIMATE (SOFT COSTS) | |
| 50 | Environmental | \$1,000 |
| 51 | Preliminary Engineering | \$8,500 |
| 52 | Permitting | \$4,500 |
| 53 | Mapping / Survey / Research | \$7,000 |
| 54 | Plans, Specifications & Estimates (PS&E) | \$7,900 |
| 55 | City / County Processing & Coordination | \$2,500 |
| 56 | Bid & Award | \$7,000 |
| 57 | Geotechnical | \$3,000 |
| 58 | Project Close-Out | \$4,600 |
| Subtotal Other Costs Estimate (Soft Costs) | | \$46,000 |
| Other Costs (Soft Costs) Contingency (15%) | | \$7,000 |
| TOTAL OTHER COSTS ESTIMATE AND CONTINGENCY (SOFT COSTS) | | \$53,000 |
| TOTAL PROJECT APPROPRIATION REQUESTED | | \$652,000 |



Attachment 4 - Adopted 2022-2026 Capital Improvement Budget, Appendix C

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|--|-----------|---|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Potable Infrastructure Projects | | | | | | | | | |
| EOC-001 | | BCVWD EOC Staffing and Space Requirements | 1,000,000 | - | \$ 760,000 | \$ - | \$ - | \$ - | 1,760,000 |
| DPX-001 | | Disaster Preparedness Equipment | 466,100 | - | 233,100 | 233,100 | - | - | 932,300 |
| WR-SITES-Reser | | Investment in Sites Reservoir Project | 93,700 | 400,000 | 519,600 | 866,100 | 1,039,300 | 1,385,700 | 4,304,400 |
| | | 2020 Capacity Charge Study | 47,800 | - | - | - | - | - | 47,800 |
| | (1) | Well Eyewash Station Additions | 41,200 | - | - | - | - | - | 41,200 |
| | (2) | Climate Control for High Horsepower Electrical Buildings | 57,500 | - | - | - | - | - | 57,500 |
| | (2) | Arc Flash Study & Improvement Project | 67,500 | - | - | - | - | - | 67,500 |
| M-0000-0001 | (1) | 800HP Spare Motor | 44,900 | - | - | - | - | - | 44,900 |
| M-0000-0002 | | Chlorination Retrofit At Misc. Wells (6 Well Sites) | 71,500 | - | - | - | - | - | 71,500 |
| BP-2750-0001 | | 2750 Zone to 2850 Zone Booster Pump Station | - | - | 1,195,800 | 2,917,000 | - | - | 4,112,800 |
| M-2750-0001 | | 2850/2750 Pressure Reducing Station & Piping (Cherry Reservoir) | - | - | 61,100 | - | - | - | 61,100 |
| TM-2750-0001 | (3) | Cherry Reservoir 1 & 2 Exterior Recoat and Retrofit | - | 500,000 | - | - | - | - | 500,000 |
| W-2750-0001 | (4) | Replacement for Well 2 | 1,796,400 | - | 2,304,400 | 2,511,100 | - | - | 6,611,900 |
| W-2750-0002 | (4) | 2750 Zone Well in Noble Creek Regional Park | 2,115,000 | - | 541,800 | 5,119,000 | - | - | 7,775,800 |
| W-2750-0005 | (4) | Replace 2750 Zone Well 1 | 1,668,200 | - | 2,771,200 | - | - | - | 4,439,400 |
| BP-2850-0001 | | 2850 Zone to 3040 Zone Booster Pump Station | - | 419,200 | 3,906,400 | - | - | - | 4,325,600 |
| TM-2850-0001 | (3) | Vineland 1 Exterior Recoat and Retrofit | - | 250,000 | - | - | - | - | 250,000 |
| W-2850-0001 | (4) | New Beaumont Basin Well on Pardee Sundance Site | - | - | 2,291,900 | 559,100 | 5,541,000 | - | 8,392,000 |
| W-2850-0006 | | Re-equip Well 23 | - | - | - | - | 522,300 | 589,800 | 1,112,100 |
| BP-3040-0001 | | 3040 to 3330 Booster Pump Station at Noble Tank | - | - | 244,100 | 1,137,200 | 1,217,300 | - | 2,598,600 |
| M-3040-0002 | | Noble Booster Pump and Motor(Spare Pump & Motor) | 25,300 | - | - | - | - | - | 25,300 |
| T-3040-0001 Tank | (4) | 2 MG 3040 Zone Tank | 3,168,700 | - | 711,400 | - | - | - | 3,880,100 |
| T-3040-0001 PZ Pipeline | (4) | Pressure Zone Pipeline | 1,047,800 | - | 235,100 | - | - | - | 1,282,900 |
| TM-3040-0001 | (2) | Highland Springs Reservoir Recoat & Retrofit | 402,200 | - | - | - | - | - | 402,200 |
| PR-3330-0001 | | 3330 to 3150 Lower Mesa, Noble Regulator | - | - | - | 88,100 | - | - | 88,100 |
| TM-3330-0001 | | Lower Edgar Reservoir Recoat & Retrofit | 402,200 | - | - | - | - | - | 402,200 |
| PR-3620-0001 | (2) | 3620 to 3330 Fisher Pressure Regulator | 50,300 | - | - | - | 140,500 | - | 190,800 |
| BP-HS-0001 | | Add 3rd Booster Pump and Fire Pump at HS Hydropneumatic | - | - | - | - | - | 293,200 | 293,200 |
| WR | (4) | Grand Avenue Storm Drain | 2,686,700 | - | 2,861,000 | - | - | - | 5,547,700 |
| Total Potable Infrastructure Projects | | | 15,253,000 | 1,569,200 | 18,636,900 | 13,430,700 | 8,460,400 | 2,268,700 | 59,618,900 |



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail**

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|--|-----------|--|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Potable Pipeline Replacements | | | | | | | | | |
| P-2750-0025 | | Maple Ave., 1st St to 3rd St | - | \$ - | 64,500 | 268,200 | - | - | 332,700 |
| P-2750-0035 | | Allegheny St., 6th to 8th | - | - | - | - | 50,300 | 209,400 | 259,700 |
| P-2750-0036 | | Michigan St., 6th to 8th | - | - | 96,600 | 401,900 | - | - | 498,500 |
| P-2750-0045 | | 7th St., California Ave. to Beaumont Ave. | - | - | - | - | 107,300 | 446,400 | 553,700 |
| P-2750-0049 | | 10th St., Palm Ave. to Michigan Ave. | - | - | - | - | 53,400 | 222,300 | 275,700 |
| P-2750-0050 | | Orange Ave., 8th St to 10th st | - | - | - | - | 129,800 | 540,000 | 669,800 |
| P-2750-0056 | (3) | 11th Street, Beaumont Avenue to Elm Avenue | - | 275,500 | 1,145,800 | - | - | - | 1,421,300 |
| P-2750-0057 | | Magnolia Ave., 7th to 8th | - | - | - | - | 39,200 | 163,200 | 202,400 |
| P-2750-0058 | | Wellwood Ave., B St north to end | - | - | - | - | 10,700 | 44,700 | 55,400 |
| P-2750-0064 | (5) | Antonell Court, Pennsylvania Ave. to Cherry Ave. | - | - | - | - | - | - | - |
| P-2750-0066 | | Egan Ave.-Wellwood Ave. Alley, 5th to 8th St | - | - | 85,800 | 356,700 | - | - | 442,500 |
| P-2750-0067 | | Elm Ave.-Wellwood Ave. Alley, 7th St. to 5th St. | - | - | 36,000 | 149,900 | - | - | 185,900 |
| P-2750-0068 | | Elm Ave., 6th to 7th | - | - | 22,700 | 94,300 | - | - | 117,000 |
| P-2750-0069 | (2) | Egan Ave-California Ave. Alley, 5th to 7th | 151,000 | - | - | - | - | - | 151,000 |
| P-2750-0092 | (3) | Michigan Avenue, 5th Street to 6th Street | - | 67,200 | 311,400 | - | - | - | 378,600 |
| P-2750-0087 | | Beaumont 5th to 6th (Abandon pipeline) | - | - | - | - | 44,500 | - | 44,500 |
| P-3040-0007 | | Lincoln St. Cherry Ave to Jonathan Ave | - | - | - | - | 95,100 | 395,500 | 490,600 |
| P-3040-0010 | | Jonathan Ave., Brookside Ave. to Dutton St. | - | - | - | - | 305,700 | 1,271,500 | 1,577,200 |
| P-3040-0023,24,25,26 | | | | | | | | | |
| P-3330-0003 | | | | | | | | | |
| P-3620-0009 | (6) | 2020-2021 Replacement Pipelines | - | 304,200 | 1,265,300 | - | - | - | 1,569,500 |
| P-3040-0023 | (6) | Bing Pl | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0024 | (6) | Lambert Pl | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0025 | (6) | Star Ln, Sky Ln, and View Dr | - | - | - | - | - | - | - |
| P-3040-0026 | (6) | Utica Way, Vineland St to View Dr. | 36,700 | (36,700) | - | - | - | - | - |
| P-3040-0027 | | Grand Ave., Jonathon Ave. to Bellflower; Cherry Valley Blvd. Bellflower to HS Village 12 in | 197,900 | - | 864,300 | - | - | - | 1,062,200 |
| P-3330-0003 | (6) | Avenida Sonrisa | 102,200 | (102,200) | - | - | - | - | - |
| | | "B" Line Upper Edgar to upper end of 20" DIP and from lower end 20" DIP to Balance line and Balance Line in Edgar Canyon | 400,900 | 1,704,000 | - | - | - | - | 2,104,900 |
| P-3620-0001 | | | | | | | | | |
| P-3620-0002 | | "A" Line Upper Edgar to split at Apple Tree Lane Tract | - | - | - | 487,000 | 2,025,500 | - | 2,512,500 |
| P-3620-0009 | (6) | Ave. Miravilla, End of 12-in to Whispering Pines | 30,400 | (30,400) | - | - | - | - | - |
| P-3620-0012 | (4) | Ave Altejo Bella, Ave Miravilla to end of cul-de-sac | 221,700 | - | - | - | - | - | 221,700 |
| P-3620-0015 | (4) | Appletree Ln, B line to Oak Glen Rd | 669,500 | - | - | - | - | - | 669,500 |
| Total Potable Pipeline Replacements | | | 1,851,700 | 2,140,200 | 3,892,400 | 1,758,000 | 2,861,500 | 3,293,000 | 15,796,800 |



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail**

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total |
|--|-----------|--|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| IT Network Infrastructure Projects | | | | | | | | | |
| IT-NETW-0006 | (7) | Workstation Replacement project | (15,900) | 33,900 | 18,000 | 18,000 | 18,000 | 18,000 | 90,000 |
| IT-NETW-0011 | | Server Room Uninterrupted Power Source | - | 50,900 | - | - | - | - | 50,900 |
| IT-NETW-0013 | | Servers and Related Equipment (4 per year, 3 year life, \$15K per server) | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |
| IT-NETW-0014 | | Network Infrastructure and Equipment (Network Switches, Firewall Appliances, SAN Storage, Tape/Backup Storage, Power Capacity) | - | - | - | 85,000 | - | - | 85,000 |
| Total IT Network Infrastructure Projects | | | 44,100 | 144,800 | 78,000 | 163,000 | 78,000 | 78,000 | 585,900 |
| IT SCADA Infrastructure Projects | | | | | | | | | |
| IT-SCAD-0002 | | Wonderware SCADA Phase 2 Project | 268,500 | - | 89,500 | - | - | - | 358,000 |
| IT-SCAD-0003 | | Wonderware SCADA Phase 3 Project | 153,700 | - | 51,200 | - | - | - | 204,900 |
| IT-SCAD-0004 | | AMR / AMI Deployment Project | 648,700 | 3,345,700 | - | - | - | - | 3,994,400 |
| IT-SCAD-0005 | | New Development Meters | 187,100 | - | 457,700 | 356,000 | 293,200 | 378,700 | 1,672,700 |
| IT-SCAD-0007 | | Back- End SCADA Software and Equipment | 30,000 | - | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Total IT SCADA Infrastructure Projects | | | 1,288,000 | 3,345,700 | 628,400 | 386,000 | 323,200 | 408,700 | 6,380,000 |
| IT/Field Operations/Administration Projects | | | | | | | | | |
| IT-ADMN-0001 | | Laser-Fishe Digitized Fileroom Project | - | 33,200 | 33,200 | - | - | - | 66,400 |
| IT-ADMN-0002 | (1) | Board Room Audio / Video System | 115,400 | - | - | - | - | - | 115,400 |
| IT-ADMN-0003 | | Front Office Space Reconfiguration & Furniture Replacement | 23,700 | - | - | - | - | - | 23,700 |
| Total IT Field Operations/Administration Projects | | | 139,100 | 33,200 | 33,200 | - | - | - | 205,500 |
| Vehicles & Equipment | | | | | | | | | |
| VE-TRUK-0002 | | 2018 Ford F150 Reg Cab (Oct, 2017) Unit #34 | - | - | - | - | - | - | - |
| VE-TRUK-0003 | | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #35 | - | - | - | - | - | 26,000 | 26,000 |
| VE-TRUK-0004 | | 2018 Ford F250 Reg Cab 4 X 4 (Aug, 2017) Unit #33 | - | - | - | - | 33,200 | - | 33,200 |
| VE-TRUK-0005 | | 2018 Ford F250 Reg Cab 4 X 4 (Aug, 2017) Unit #32 | - | - | - | - | 38,200 | - | 38,200 |
| VE-TRUK-0006 | | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #36 | - | - | - | - | - | 26,000 | 26,000 |
| VE-TRUK-0007 | | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #37 | - | - | - | - | - | 26,000 | 26,000 |
| VE-TRUK-0010 | | 2018 Ford F-250 Super Cab XL 4x4 (Oct, 2018) Unit #38 | - | - | - | - | - | 43,600 | 43,600 |
| VE-TRUK-0012 | | 2008 Ford F450 (Dec, 2008) Unit #5 | 75,000 | - | - | - | - | - | 75,000 |



Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
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2022 - 2026 Capital Improvement Budget Detail

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated | | | | | 5-Year Budget Total | |
|--|-----------|---|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | | 2026 Budget Request |
| VE-TRUK-0013 | | 2008 Ford F-550 1 Ton Truck w/ 3/4 Ton Dump Bed (Apr, 2009) Unit #12 | - | 71,000 | - | - | - | - | 71,000 |
| VE-TRUK-0014 | | 2011 Ford F350 (Jan, 2011) Unit #17 (Appropriately Sized F-450) | - | 60,000 | - | - | - | - | 60,000 |
| VE-TRUK-0015 | | GIS / Muck Truck (Freightliner Diesel) (May, 2004) Unit #8 | - | 207,300 | - | - | - | - | 207,300 |
| VE-TRUK-0016 | | Chevrolet Colorado 4X4 | 35,000 | - | - | - | - | - | 35,000 |
| VE-TRUK-0017 | | Chevrolet Colorado 4X4 (Recycled Water) | 35,000 | - | - | - | - | - | 35,000 |
| VE-TRUK-0018 | (3) | 2012 Ford F-350 Super Duty Unit #4 (Appropriately Sized F-450) | - | 60,000 | - | - | - | - | 60,000 |
| VE-HEAV-0002 | (5) | 2007 John Deere Backhoe 310SG (Aug, 2009) | - | - | - | - | - | - | - |
| VE-HEAV-0003 | (3) | Large Trailer for Heavy Equipment Transport | - | 20,000 | - | - | - | - | 20,000 |
| VE-EQIP-0001 | | Air Compressor (May, 1998) | - | 19,800 | - | - | - | - | 19,800 |
| VE-EQIP-0002 | | Ingersoll Rand Air Compressor (Dec, 2008) | - | - | - | 19,800 | - | - | 19,800 |
| VE-EQIP-0003 | | Water Buffalo (Feb, 2018) | - | - | - | - | - | 10,000 | 10,000 |
| Total Vehicles & Equipment | | | 145,000 | 438,100 | - | 19,800 | 71,400 | 131,600 | 805,900 |
| Non-Potable Infrastructure Projects | | | | | | | | | |
| NEO-0000-0001 | (8) | Recycled Water Conversion and Implementation | 520,100 | 171,700 | - | - | - | - | 691,800 |
| NPR-2600-0001 | | 2600 to 2400 Non-potable Water Pressure Regulator | - | - | - | - | - | 173,400 | 173,400 |
| NBP-2600-0003 | | 2800 Zone Non-potable Booster at COB Treatment Plant | 881,200 | - | 7,329,600 | 1,597,100 | - | - | 9,807,900 |
| NP-2600-0001 | (2) | 24" San Timoteo Rd, Palmer to Tukwet Canyon | 1,177,400 | - | 1,275,800 | 1,316,400 | 1,604,300 | - | 5,373,900 |
| NP-2600-0002 | | 12" Tukwet Canyon, Champions to SuncaI Tract | - | - | - | - | 615,900 | - | 615,900 |
| NP-2600-0003 | (2) | 18" Tukwet Canyon, SuncaI Tract to San Timoteo | 301,600 | - | 326,800 | 337,200 | 411,000 | - | 1,376,600 |
| NP-2600-0004 | (2) | 18" San Timoteo Canyon, Tukwet Canyon to end of Existing NP | 392,100 | - | 424,900 | 438,400 | 534,200 | - | 1,789,600 |
| NP-2600-0017 | | 12" Sun Cal Tract, Oak Valley Pkwy North to Tukwet Canyon Rd. | - | - | 1,191,900 | - | - | - | 1,191,900 |
| NPR-2600-0002 | | 2600 to 2520 Non-potable Water Pressure Regulator | - | - | - | - | - | 173,400 | 173,400 |
| NPR-2600-0002 | | 2600 Zone Non-potable Regulation and Metering Station | - | - | 210,500 | - | - | 251,900 | 462,400 |
| NT-2600-0001 | | 3 MG 2600 Zone Non-potable Water Tank | - | - | 1,083,500 | 4,506,300 | - | - | 5,589,800 |
| NWR-2600-0002 | (2) | San Timoteo Creek Non-potable Extraction Wells | 840,800 | - | - | - | 969,900 | 1,000,800 | 2,811,500 |
| NP-2800-0001 | | 24" In Sunny-Cal, Cherry Valley Blvd to Brookside Ave. | - | - | - | - | - | 368,800 | 368,800 |
| NP-2800-0012 | | 30" COB WWTP SITE, from 2600 to 2800 Zone Booster Pump (NPB 2600-0003) to 4th | - | - | 274,700 | 1,142,500 | - | - | 1,417,200 |
| NP-2800-0014 | | 12" Highland Springs Ave, 2nd St to 1st St | - | - | - | 119,500 | - | - | 119,500 |



Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
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2022 - 2026 Capital Improvement Budget Detail

| Engineering Project # | Footnotes | Capital Improvement Program | Estimated | 2022 Budget | 2023 Budget | 2024 Budget | 2025 Budget | 2026 Budget | 5-Year Budget |
|--|-----------|---|---------------------------|---------------------|----------------------|----------------------|----------------------|---------------------|-----------------------|
| | | | Carry Over 2021 Budget | Request | Request | Request | Request | Request | Total |
| NP-2800-0016 | (5) | 12" Sundance TR, Cougar Way South to Park circle | - | - | - | - | - | - | - |
| NP-2800-0017 | (5) | 12" Sundance TR, Park circle to Highland Springs Ave. | - | - | - | - | - | - | - |
| NP-2800-0018 | (5) | 8" Sundance TR, Cougar Way South to Park square | - | - | - | - | - | - | - |
| NP-2800-0019 | (9) | 8" Sundance TR, Mary lane, Tioga Tr West | 173,200 | (173,200) | - | - | - | - | - |
| NPR-2800-0001 | | 2800 to 2600 Non-potable Water Pressure Regulator | - | 241,300 | - | - | - | 273,500 | 514,800 |
| NPT-2800-001 | | Raw Water Filter System at 2800 PZ Tank | - | - | - | 318,300 | - | - | 318,300 |
| NT-2800-0001 | | 2MG Non-potable 2800 Zone Tank | - | - | - | 434,400 | 4,047,300 | - | 4,481,700 |
| Total Non-Potable Infrastructure Projects | | | 4,286,400 | 239,800 | 12,117,700 | 10,210,100 | 8,182,600 | 2,241,800 | 37,278,400 |
| Total Capital Improvement Program | | | \$ 23,007,300 | \$ 7,911,000 | \$ 35,386,600 | \$ 25,967,600 | \$ 19,977,100 | \$ 8,421,800 | \$ 120,671,400 |

Footnotes

- (1) Project completed in 2022 with unspent budget remaining
- (2) Project was initially budgeted for 2021 but will not be initiated until 2023 or later
- (3) New project for 2022
- (4) Project is ongoing
- (5) Project complete
- (6) Project is ongoing, all have been reconciled as one project
- (7) Unspent funds from Workstation Replacement project for 2020 were not carried over to 2021, causing the negative carryover for 2021
- (8) Non-Potable Infrastructure Project Recycled Water Conversion and Implementation was originally estimated to cost \$534,000, with a revised estimated cost of \$691,800
- (9) Pipeline Project 8" Sundance TR, Mary lane, Tioga Tr West, budgeted for 2021, will not be constructed



Attachment 5 - Proposed Amended 2022-2026 Capital Improvement Budget, Appendix C

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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Rep. | Res. Developer | Other | Capital Improvement Program | Total project cost, origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | | | | | | 5-Year Budget Total | | | | | | | | |
|--|-----------|---------------|---------------|-----------|----------------|-------|---|--------------------------------------|--------------------------------------|---|-----------------|-------------|-----------------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|-------------------|-----------|--|--|--|
| | | | | | | | | | | | Approved Budget | YTD Actuals | Additions (Deletions) | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | | 2025 Budget Request | 2026 Budget Request | | | | | | |
| Potable Infrastructure Projects | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EOC-001 | | Other | 0% | 100% | 0% | 0% | BCVWD EOC Staffing and Space Requirements | 2020 | \$ 18,793,200 | \$ 20,007,452 | \$ 1,000,000 | | | 1,000,000 | - | \$ 760,000 | \$ - | \$ - | \$ - | \$ - | \$ - | 1,760,000 | | | | |
| DPK-001 | | Other | 0% | 100% | 0% | 0% | Disaster Preparedness Equipment | 2020 | 932,265 | 992,500 | 466,133 | | | 466,100 | - | 233,100 | 233,100 | - | - | - | - | 932,300 | | | | |
| WR-SITES-Reser | | Other | 100% | 0% | 0% | 0% | Investment in Sites Reservoir Project | 2020 | 28,373,643 | 30,208,899 | 93,714 | 400,000 | | 93,700 | 400,000 | 519,600 | 866,100 | 1,039,300 | - | - | 1,385,700 | 4,304,400 | | | | |
| | | Other | 100% | 0% | 0% | 0% | 2020 Capacity Charge Study | 2020 | 41,600 | 44,288 | 47,798 | | | 47,800 | - | - | - | - | - | - | - | 47,800 | | | | |
| | (1) | Other | 0% | 100% | 0% | 0% | Well Eyewash Station Additions | 2019 | 51,630 | 56,714 | 43,941 | 2,765 | | 41,200 | - | - | - | - | - | - | - | 41,200 | | | | |
| | (2) | Other | 0% | 100% | 0% | 0% | Climate Control for High Horsepower Electrical Buildings | 2019 | 50,000 | 54,923 | 57,450 | 50 | | 57,500 | - | - | - | - | - | - | - | 57,500 | | | | |
| | (3) | Other | 0% | 100% | 0% | 0% | Arc Flash Study & Improvement Project | 2019 | 58,708 | 64,489 | 67,455 | | | 67,500 | - | - | - | - | - | - | - | 67,500 | | | | |
| M-0000-0001 | | Other | 0% | 100% | 0% | 0% | 800HP Spare Motor | 2016 | 125,000 | 150,828 | 140,829 | 95,922 | | 44,900 | - | - | - | - | - | - | - | 44,900 | | | | |
| M-0000-0002 | | Other | 0% | 100% | 0% | 0% | Chlorination Retrofit At Misc. Wells (6 Well Sites) | 2016 | 90,000 | 108,596 | 71,538 | | | 71,500 | - | - | - | - | - | - | - | 71,500 | | | | |
| BP-2750-0001 | | 2750 | 0% | 100% | 0% | 0% | 2750 Zone to 2850 Zone Booster Pump Station | 2016 | 3,201,686 | 3,863,242 | - | | | - | - | 1,195,800 | 2,917,000 | - | - | - | - | 4,112,800 | | | | |
| M-2750-0001 | | 2750 | 0% | 100% | 0% | 0% | 2850/2750 Pressure Reducing Station & Piping (Cherry Reservoir) | 2016 | 50,000 | 60,331 | - | | | - | - | 61,100 | - | - | - | - | - | 61,100 | | | | |
| TM-2750-0001 | (3) | 2750 | 0% | 100% | 0% | 0% | Cherry Reservoir 1 & 2 Exterior Recast and Retrofit | 2022 | 500,000 | 500,000 | - | 500,000 | | - | 500,000 | - | - | - | - | - | - | 500,000 | | | | |
| W-2750-0001 | (4) | 2750 | 0% | 100% | 0% | 0% | Replacement for Well 2 | 2016 | 5,257,697 | 6,344,080 | 1,800,069 | 3,689 | | 1,796,400 | - | 2,304,400 | 2,511,100 | - | - | - | - | 6,611,900 | | | | |
| W-2750-0002 | (4) | 2750 | 100% | 0% | 0% | 0% | 2750 Zone Well in Noble Creek Regional Park | 2016 | 6,152,420 | 7,423,678 | 2,114,972 | | | 2,115,000 | - | 541,800 | 5,119,000 | - | - | - | - | 7,775,800 | | | | |
| W-2750-0005 | (4) | 2750 | 25% | 75% | 0% | 0% | Replace 2750 Zone Well 1 | 2016 | 3,677,088 | 4,436,875 | 1,671,914 | 3,689 | | 1,668,200 | - | 2,771,200 | - | - | - | - | - | - | 4,439,400 | | | |
| BP-2850-0001 | | 2850 | 0% | 100% | 0% | 0% | 2850 Zone to 3040 Zone Booster Pump Station | 2016 | 3,474,409 | 4,192,317 | - | | | - | 419,300 | 3,906,400 | - | - | - | - | - | 4,325,600 | | | | |
| TM-2850-0001 | (3) | 2850 | 0% | 100% | 0% | 0% | Vineland 1 Exterior Recast and Retrofit | 2022 | 250,000 | 250,000 | - | 250,000 | | - | 250,000 | - | - | - | - | - | - | 250,000 | | | | |
| W-2850-0001 | (4) | 2850 | 100% | 0% | 0% | 0% | New Beaumont Basin Well on Pardee Sundance Site | 2016 | 6,152,420 | 7,423,678 | - | | | - | - | 2,291,900 | 559,100 | 5,541,000 | - | - | - | 8,392,000 | | | | |
| W-2850-0006 | | 2850 | 0% | 100% | 0% | 0% | Re-equip Well 23 | 2016 | 788,125 | 950,973 | - | | | - | - | - | - | 522,300 | - | 589,800 | - | 1,112,100 | | | | |
| BP-3040-0001 | | 3040 | 50% | 50% | 0% | 0% | 3040 to 3330 Booster Pump Station at Noble Tank | 2016 | 1,960,515 | 2,365,611 | - | | | - | - | 244,100 | 1,137,200 | 1,217,300 | - | - | - | 2,598,600 | | | | |
| M-3040-0002 | | 3040 | 0% | 100% | 0% | 0% | Noble Booster Pump and Motor(Spare Pump & Motor) | 2016 | 25,000 | 30,166 | 25,303 | | | 25,300 | - | - | - | - | - | - | - | 25,300 | | | | |
| T-3040-0001 Tank | (4) | 3040 | 100% | 0% | 0% | 0% | 2 MG 3040 Zone Tank | 2016 | 3,455,242 | 4,169,189 | 3,168,734 | | | 3,168,700 | - | 711,400 | - | - | - | - | - | 3,880,100 | | | | |
| T-3040-0001 PZ Pipeline | (4) | 3040 | 100% | 0% | 0% | 0% | Pressure Zone Pipeline | 2016 | 1,117,179 | 1,348,019 | 1,047,794 | | | 1,047,800 | - | 235,100 | - | - | - | - | - | 1,282,900 | | | | |
| TM-3330-0001 | (3) | 3330 | 0% | 100% | 0% | 0% | Highland Springs Reservoir Recast & Retrofit | 2016 | 350,000 | 422,220 | 402,150 | 50 | | 402,200 | - | - | - | - | - | - | - | 402,200 | | | | |
| PR-3330-0001 | | 3330 | 0% | 100% | 0% | 0% | 3330 to 3150 Lower Mesa, Noble Regulator | 2016 | 68,609 | 82,786 | - | | | - | - | - | 88,100 | - | - | - | - | 88,100 | | | | |
| TM-3330-0001 | | 3330 | 0% | 100% | 0% | 0% | Lower Edgar Reservoir Recast & Retrofit | 2016 | 350,000 | 422,320 | 402,150 | 50 | | 402,200 | - | - | - | - | - | - | - | 402,200 | | | | |
| PR-3620-0001 | (3) | 3620 | 0% | 100% | 0% | 0% | 3620 to 3330 Fisher Pressure Regulator | 2016 | 145,795 | 175,920 | 50,256 | | | 50,300 | - | - | - | 140,500 | - | - | - | 190,800 | | | | |
| BP-HS-0001 | | HS | 0% | 100% | 0% | 0% | Add 3rd Booster Pump and Fire Pump at HS Hydro pneumatic | 2016 | 214,405 | 258,706 | - | | | - | - | - | - | - | - | 293,200 | 293,200 | | | | | |
| WR | (4) | #N/A | 100% | 0% | 0% | 0% | Grand Avenue Storm Drain (MDF Line 16) | 2016 | 4,662,012 | 5,625,311 | 2,701,840 | 15,122 | | 2,686,700 | - | - | - | - | - | - | - | 2,686,700 | | | | |
| Total Potable Infrastructure Projects | | | | | | | | | | | | | 15,374,040 | 121,187 | 1,569,350 | 15,253,000 | 1,569,200 | 15,775,900 | 13,430,700 | 8,460,400 | 2,268,700 | 56,757,900 | | | | |



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail (AMENDED)**

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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | |
|--|-----------|---------------|---------------|-----------------|-----------|-------|---|-------------------------------------|--------------------------------------|---|------------------|----------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| | | | | | | | | | | | Approved Budget | YTD Actuals | | | | | | | | |
| Potable Pipeline Replacements | | | | | | | | | | | | | | | | | | | | |
| P-2750-0025 | | 2750 | 0% | 100% | 0% | 0% | Maple Ave., 1st St to 3rd St | 2016 | \$ 259,027 | \$ 312,549 | \$ - | - | - | \$ - | 64,500 | 268,200 | - | - | - | 332,700 |
| P-2750-0035 | | 2750 | 0% | 100% | 0% | 0% | Allegheny St., 6th to 8th | 2016 | 189,890 | 229,126 | - | - | - | - | - | - | 50,300 | 209,400 | - | 259,700 |
| P-2750-0036 | | 2750 | 0% | 100% | 0% | 0% | Michigan St., 6th to 8th | 2016 | 388,118 | 468,314 | - | - | - | - | 96,600 | 401,900 | - | - | - | 498,500 |
| P-2750-0045 | | 2750 | 0% | 100% | 0% | 0% | 7th St., California Ave. to Beaumont Ave. | 2016 | 404,901 | 488,565 | - | - | - | - | - | - | 107,300 | 446,400 | - | 553,700 |
| P-2750-0049 | | 2750 | 0% | 100% | 0% | 0% | 10th St., Palm Ave. to Michigan Ave. | 2016 | 201,606 | 243,264 | - | - | - | - | - | - | 53,400 | 222,300 | - | 275,700 |
| P-2750-0050 | | 2750 | 0% | 100% | 0% | 0% | Orange Ave., 8th St to 10th st | 2016 | 489,766 | 590,965 | - | - | - | - | - | - | 129,800 | 540,000 | - | 669,800 |
| P-2750-0056 | (H) | 2750 | 0% | 100% | 0% | 0% | 11th Street, Beaumont Avenue to Elm Avenue | 2022 | 1,377,490 | 1,377,490 | - | - | - | - | - | - | - | - | - | 1,421,300 |
| P-2750-0057 | | 2750 | 0% | 100% | 0% | 0% | Magnolia Ave., 7th to 8th | 2016 | 147,585 | 178,563 | - | - | 275,500 | 275,500 | 1,145,800 | - | 39,200 | 163,200 | - | 202,400 |
| P-2750-0058 | | 2750 | 0% | 100% | 0% | 0% | Wellwood Ave., B St north to end | 2016 | 40,532 | 48,907 | - | - | - | - | - | - | 10,700 | 44,700 | - | 55,400 |
| P-2750-0064 | (H) | 2750 | 0% | 100% | 0% | 0% | Antonell Court, Pennsylvania Ave. to Cherry Ave. | 2021 | 245,000 | 252,791 | 245,000 | 245,000 | - | - | - | - | - | - | - | - |
| P-2750-0066 | | 2750 | 0% | 100% | 0% | 0% | Egan Ave.-Wellwood Ave. Alley, 5th to 8th St | 2016 | 344,419 | 415,586 | - | - | - | - | 85,800 | 356,700 | - | - | - | 442,500 |
| P-2750-0067 | | 2750 | 0% | 100% | 0% | 0% | Elm Ave.-Wellwood Ave. Alley, 7th St. to 5th St. | 2016 | 144,713 | 178,635 | - | - | - | - | 36,000 | 149,900 | - | - | - | 185,900 |
| P-2750-0068 | | 2750 | 0% | 100% | 0% | 0% | Elm Ave., 6th to 7th | 2016 | 91,092 | 109,914 | - | - | - | - | 22,700 | 94,300 | - | - | - | 117,000 |
| P-2750-0069 | (H) | 2750 | 0% | 100% | 0% | 0% | Egan Ave-California Ave. Alley, 5th to 7th | 2016 | 211,423 | 255,108 | 151,523 | 559 | 151,000 | - | - | - | - | - | - | 151,000 |
| P-2750-0092 | (H) | 2750 | 0% | 100% | 0% | 0% | Michigan Avenue, 5th Street to 6th Street | 2022 | 374,368 | 374,368 | - | - | 67,200 | 67,200 | 311,400 | - | - | - | - | 378,600 |
| P-2750-0087 | | 2750 | 0% | 100% | 0% | 0% | Beaumont 5th to 6th (Abandon pipeline) | 2016 | 33,566 | 40,501 | - | - | - | - | - | - | 44,500 | - | - | 44,500 |
| P-2750-0088 | (H) | 2750 | 0% | 100% | 0% | 0% | 2022-2023 Street Light Replacement Project | 2022 | 152,000 | 212,000 | - | - | - | 121,000 | 420,000 | - | - | - | - | 632,000 |
| P-3040-0007 | | 3040 | 0% | 100% | 0% | 0% | Lincoln St. Cherry Ave to Jonathan Ave | 2016 | 358,775 | 432,907 | - | - | - | - | - | - | 95,100 | 395,500 | - | 490,600 |
| P-3040-0010 | | 3040 | 0% | 100% | 0% | 0% | Jonathan Ave., Brookside Ave. to Dutton St. | 2016 | 1,153,272 | 1,391,570 | - | - | - | - | - | - | 305,700 | 1,271,500 | - | 1,577,200 |
| P-3040-0023,24,25,26 | | | | | | | | | | | | | | | | | | | | |
| P-3330-0003 | | | | | | | | | | | | | | | | | | | | |
| P-3620-0009 | (H) | 3040 | 0% | 100% | 0% | 0% | 2020-2021 Replacement Pipelines | 2016 | 1,260,667 | 1,521,155 | - | - | 304,200 | 304,200 | 1,265,300 | - | - | - | - | 1,569,500 |
| P-3040-0023 | (H) | 3040 | 0% | 100% | 0% | 0% | Bing Pl | 2016 | 90,037 | 108,641 | 20,690 | - | (20,700) | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0024 | (H) | 3040 | 0% | 100% | 0% | 0% | Lambert Pl | 2016 | 90,037 | 108,641 | 20,690 | - | (20,700) | 20,700 | (20,700) | - | - | - | - | - |
| P-3040-0025 | (H) | 3040 | 0% | 100% | 0% | 0% | Star Ln, Sky Ln, and View Dr | 2016 | 344,314 | 415,459 | - | - | - | - | - | - | - | - | - | - |
| P-3040-0026 | (H) | 3040 | 0% | 100% | 0% | 0% | Utica Way, VineLand St to View Dr. | 2016 | 159,491 | 192,446 | - | - | (36,700) | 36,700 | (36,700) | - | - | - | - | - |
| P-3040-0027 | | 3040 | 0% | 100% | 0% | 0% | Grand Ave., Jonathan Ave. to Bellflower; Cherry Valley Blvd. Bellflower to HS Village 12 in | 2016 | 861,101 | 1,039,028 | 197,881 | - | 197,900 | - | 864,300 | - | - | - | - | 1,062,200 |
| P-3330-0003 | (H) | 0 | 0% | 100% | 0% | 0% | Avenida Sonrisa | 2016 | 444,637 | 536,511 | 102,178 | - | (102,200) | 102,200 | (102,200) | - | - | - | - | - |
| P-3620-0001 | | 3620 | 0% | 100% | 0% | 0% | "B" Line Upper Edgar to upper end of 20" DIP and from lower end 20" DIP to Balance line and Balance | 2016 | 1,744,474 | 2,104,930 | 400,880 | - | 1,704,030 | 400,900 | 1,704,000 | - | - | - | - | 2,104,900 |
| P-3620-0002 | | 3620 | 0% | 100% | 0% | 0% | Line in Edgar Canyon | 2016 | 1,895,626 | 2,287,314 | - | - | - | - | 487,000 | 2,025,500 | - | - | - | 2,512,500 |
| P-3620-0009 | (H) | 3620 | 0% | 100% | 0% | 0% | Ave. Miravilla, End of 12-in to Whispering Pines | 2016 | 132,152 | 159,459 | 30,369 | - | (30,400) | 30,400 | (30,400) | - | - | - | - | - |
| P-3620-0012 | (H) | 3620 | 0% | 100% | 0% | 0% | Ave Altoje Bella, Ave Miravilla to end of cul-de-sac | 2016 | 272,010 | 328,215 | 222,534 | 850 | 221,700 | - | - | - | - | - | - | 221,700 |
| P-3620-0015 | (H) | 3620 | 0% | 100% | 0% | 0% | Appletree Ln, B line to Oak Glen Rd | 2016 | 660,023 | 796,402 | 670,083 | 560 | 669,500 | - | - | - | - | - | - | 669,500 |
| Total Potable Pipeline Replacements | | | | | | | | | 15,062,513 | 17,215,304 | 2,098,479 | 246,978 | 2,140,230 | 1,851,700 | 2,372,200 | 4,312,400 | 1,758,000 | 2,861,500 | 3,291,000 | 16,448,900 |



Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail (AMENDED)

DRAFT

| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. | Res. Developer | Other | Capital Improvement Program | Total project cost, origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | Additions (Deletions) | Estimated | 2022 Budget | 2023 Budget | 2024 Budget | 2025 Budget | 2026 Budget | 5-Year Budget | |
|--|-----------|---------------|---------------|------------|----------------|-------|--|--------------------------------------|--------------------------------------|---|------------------|-----------------------|------------------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| | | | | | | | | | | | Approved Budget | | Carry Over 2021 Budget | Request | Request | Request | Request | Request | Total | |
| IT Network Infrastructure Projects | | | | | | | | | | | | | | | | | | | | |
| IT-NETW-0006 | (7) | N/A | 0% | 100% | 0% | 0% | Workstation Replacement project | | | | 18,246 | 34,116 | 33,848 | (15,900) | 33,900 | 18,000 | 18,000 | 18,000 | 18,000 | 90,000 |
| IT-NETW-0011 | | N/A | 0% | 100% | 0% | 0% | Server Room Uninterrupted Power Source | | | | - | | 50,900 | - | 50,900 | - | - | - | - | 50,900 |
| IT-NETW-0013 | | N/A | 0% | 100% | 0% | 0% | Servers and Related Equipment (4 per year, 3 year life, \$15K per server) | | | | 60,000 | | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |
| IT-NETW-0014 | | N/A | 0% | 100% | 0% | 0% | Network Infrastructure and Equipment (Network Switches, Firewall Appliances, SAN Storage, Tape/Backup Storage, Power Capacity) | | | | - | | - | - | - | 85,000 | - | - | - | 85,000 |
| Total IT Network Infrastructure Projects | | | | | | | | | | | 78,246 | 34,116 | 144,748 | 44,100 | 144,800 | 78,000 | 163,000 | 78,000 | 78,000 | 585,900 |
| IT SCADA Infrastructure Projects | | | | | | | | | | | | | | | | | | | | |
| IT-SCAD-0002 | | N/A | 0% | 100% | 0% | 0% | Wonderware SCADA Phase 2 Project | | | | 268,508 | | 268,500 | - | 89,500 | - | - | - | - | 358,000 |
| IT-SCAD-0003 | | N/A | 0% | 100% | 0% | 0% | Wonderware SCADA Phase 3 Project | | | | 153,723 | | 153,700 | - | 51,200 | - | - | - | - | 204,900 |
| IT-SCAD-0004 | | N/A | 0% | 71% | 0% | 29% | AMR / AMI Deployment Project | | | | 2,204,865 | 3,556,141 | 3,345,705 | 648,700 | 3,345,700 | - | - | - | - | 3,994,400 |
| IT-SCAD-0005 | | N/A | 0% | 0% | 100% | 0% | New Development Meters | | | | 531,262 | 344,150 | 187,100 | - | 457,700 | 356,000 | 293,200 | 378,700 | 1,672,700 | |
| IT-SCAD-0007 | | N/A | 0% | 100% | 0% | 0% | Back-End SCADA Software and Equipment | | | | 30,000 | | 30,000 | - | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Total IT SCADA Infrastructure Projects | | | | | | | | | | | 3,188,359 | 1,900,291 | 3,345,705 | 1,288,000 | 3,345,700 | 628,400 | 386,000 | 323,200 | 408,700 | 6,380,000 |
| IT/Field Operations/Administration Projects | | | | | | | | | | | | | | | | | | | | |
| IT-ADMN-0001 | | N/A | 0% | 100% | 0% | 0% | Laser-Fisher Digitized Fileroom Project | | | | - | | 33,228 | - | 33,200 | - | - | - | - | 66,400 |
| IT-ADMN-0002 | (1) | N/A | 0% | 100% | 0% | 0% | Board Room Audio / Video System | | | | 150,000 | | 34,581 | 115,400 | - | - | - | - | - | 115,400 |
| IT-ADMN-0003 | | N/A | 0% | 100% | 0% | 0% | Front Office Space Reconfiguration & Furniture Replacement | | | | 24,064 | | 409 | 23,700 | - | - | - | - | - | 23,700 |
| Total IT Field Operations/Administration Projects | | | | | | | | | | | 174,064 | 34,990 | 33,228 | 139,100 | 33,200 | 33,200 | - | - | - | 205,500 |
| Vehicles & Equipment | | | | | | | | | | | | | | | | | | | | |
| VE-TRUK-0002 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F150 Reg Cab (Oct, 2017) Unit #34 | | N/A | | - | | - | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0003 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #35 | | N/A | | - | | - | - | - | - | - | - | - | 33,200 |
| VE-TRUK-0004 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F250 Reg Cab 4 x 4 (Aug, 2017) Unit #33 | | N/A | | - | | - | - | - | - | - | - | - | 38,200 |
| VE-TRUK-0005 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F250 Reg Cab 4 x 4 (Aug, 2017) Unit #32 | | N/A | | - | | - | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0006 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #36 | | N/A | | - | | - | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0007 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-150 Reg Cab (Sept, 2018) Unit #37 | | N/A | | - | | - | - | - | - | - | - | - | 26,000 |
| VE-TRUK-0010 | | N/A | 0% | 100% | 0% | 0% | 2018 Ford F-250 Super Cab XL 4x4 (Oct, 2018) Unit #38 | | N/A | | - | | - | - | - | - | - | - | - | 43,600 |
| VE-TRUK-0012 | | N/A | 0% | 100% | 0% | 0% | 2008 Ford F450 (Dec, 2008) Unit #5 | | N/A | | 75,000 | | 75,000 | - | - | - | - | - | - | 75,000 |



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail (AMENDED)**

DRAFT

| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Rep. | Res. | Developer | Other | Project Description | Total project cost, origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | |
|--|-----------|---------------|---------------|-----------|------|-----------|-------|---|--------------------------------------|--------------------------------------|---|-----------------|----------------|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------|
| | | | | | | | | | | | | Approved Budget | YTD Actuals | | | | | | | | |
| Capital Improvement Program | | | | | | | | | | | | | | | | | | | | | |
| VE-TRUK-0013 | | N/A | 0% | 100% | 0% | 0% | 0% | 2008 Ford F-550 1 Ton Truck w/ 3/4 Ton Dump Bed (Apr, 2009) Unit #12 | N/A | N/A | - | - | 71,000 | - | 71,000 | - | - | - | - | - | 71,000 |
| VE-TRUK-0014 | | N/A | 0% | 100% | 0% | 0% | 0% | 2011 Ford F350 (Jan, 2011) Unit #17 (Appropriately Sized F-450) | N/A | N/A | - | - | 60,000 | - | 60,000 | - | - | - | - | - | 60,000 |
| VE-TRUK-0015 | | N/A | 0% | 100% | 0% | 0% | 0% | GIS / Muck Truck (Freightliner Diesel) (May, 2004) Unit #8 | N/A | N/A | - | - | 207,300 | - | 207,300 | - | - | - | - | - | 207,300 |
| VE-TRUK-0016 | | N/A | 0% | 100% | 0% | 0% | 0% | Chevrolet Colorado 4x4 | N/A | N/A | - | - | 35,000 | 35,000 | - | - | - | - | - | - | 35,000 |
| VE-TRUK-0017 | | N/A | 100% | 0% | 0% | 0% | 0% | Chevrolet Colorado 4x4 (Recycled Water) | N/A | N/A | - | - | 35,000 | 35,000 | - | - | - | - | - | - | 35,000 |
| VE-TRUK-0018 | (H) | N/A | 100% | 0% | 0% | 0% | 0% | 2012 Ford F-350 Super Duty Unit #4 (Appropriately Sized F-450) | N/A | N/A | - | - | 60,000 | - | 60,000 | - | - | - | - | - | 60,000 |
| VE-HEAV-0002 | (B) | N/A | 0% | 100% | 0% | 0% | 0% | 2007 John Deere Backhoe 3105S (Aug, 2009) | N/A | N/A | 120,000 | 120,000 | - | - | - | - | - | - | - | - | - |
| VE-HEAV-0003 | (B) | N/A | 0% | 100% | 0% | 0% | 0% | Large Trailer for Heavy Equipment Transport | N/A | N/A | - | - | 20,000 | - | 20,000 | - | - | - | - | - | 20,000 |
| VE-EQIP-0001 | | N/A | 0% | 100% | 0% | 0% | 0% | Air Compressor (May, 1998) | N/A | N/A | - | - | 19,800 | - | 19,800 | - | - | - | - | - | 19,800 |
| VE-EQIP-0002 | | N/A | 0% | 100% | 0% | 0% | 0% | Ingersoll Rand Air Compressor (Dec, 2008) | N/A | N/A | - | - | - | - | - | - | 19,800 | - | - | - | 19,800 |
| VE-EQIP-0003 | | N/A | 0% | 100% | 0% | 0% | 0% | Water Buffalo (Feb, 2018) | N/A | N/A | - | - | - | - | - | - | - | - | - | 10,000 | 10,000 |
| Total Vehicles & Equipment | | | | | | | | | | | | 265,000 | 120,000 | 438,100 | 145,000 | 438,100 | - | 19,800 | 71,400 | 131,600 | 805,900 |
| Non-Potable Infrastructure Projects | | | | | | | | | | | | | | | | | | | | | |
| NEO-0000-0001 | (H) | 0 | 100% | 0% | 0% | 0% | 0% | Recycled Water Conversion and Implementation | 2021 | 691,759 | 713,757 | 520,050 | - | 171,700 | 520,100 | 171,700 | - | - | - | - | 691,800 |
| NPR-2600-0001 | | 2520 | 100% | 0% | 0% | 0% | 0% | 2600 to 2400 Non-potable Water Pressure Regulator | 2016 | 126,799 | 152,999 | - | - | - | - | - | - | - | - | 173,400 | 173,400 |
| NBP-2600-0003 | | 2600 | 100% | 0% | 0% | 0% | 0% | 2800 Zone Non-potable Booster at COB Treatment Plant | 2016 | 7,669,465 | 9,254,145 | 881,188 | - | - | 881,200 | - | 7,329,600 | 1,597,100 | - | - | 9,807,900 |
| NP-2600-0001 | (I) | 2600 | 25% | 0% | 75% | 0% | 0% | 24" San Timoteo Rd, Palmer to Tukwet Canyon | 2016 | 4,099,072 | 4,946,052 | 1,177,414 | - | - | 1,177,400 | - | 1,275,800 | 1,316,400 | 1,604,300 | - | 5,373,900 |
| NP-2600-0002 | | 2600 | 0% | 0% | 100% | 0% | 0% | 12" Tukwet Canyon, Champions to Sunclai Tract | 2016 | 464,643 | 560,650 | - | - | - | - | - | - | - | - | - | 615,900 |
| NP-2600-0003 | (I) | 2600 | 25% | 0% | 75% | 0% | 0% | 18" Tukwet Canyon, Sunclai Tract to San Timoteo | 2016 | 1,050,076 | 1,267,050 | 301,623 | - | - | 301,600 | - | 326,800 | 337,200 | 411,000 | - | 1,376,600 |
| NP-2600-0004 | (I) | 2600 | 15% | 0% | 85% | 0% | 0% | 18" San Timoteo Canyon, Tukwet Canyon to end of Existing NP | 2016 | 1,365,005 | 1,647,052 | 392,083 | - | - | 392,100 | - | 424,900 | 438,400 | 534,200 | - | 1,789,600 |
| NP-2600-0017 | | 2600 | 0% | 0% | 100% | 0% | 0% | 12" Sun Cal Tract, Oak Valley Pkwy North to Tukwet Canyon Rd. | 2016 | 957,376 | 1,155,196 | - | - | - | - | 1,191,900 | - | - | - | - | 1,191,900 |
| NPR-2600-0000 | | 2600 | 100% | 0% | 0% | 0% | 0% | 2600 to 2520 Non-potable Water Pressure Regulator | 2016 | 126,799 | 152,999 | - | - | - | - | - | - | - | - | - | 173,400 |
| NPR-2600-0002 | | 2600 | 100% | 0% | 0% | 0% | 0% | 2600 Zone Non-potable Regulation and Metering Station | 2016 | 338,130 | 407,997 | - | - | - | - | 210,500 | - | - | - | - | 251,900 |
| NT-2600-0001 | | 2600 | 100% | 0% | 0% | 0% | 0% | 3 MG 2600 Zone Non-potable Water Tank | 2016 | 4,351,473 | 5,250,606 | - | - | - | - | 1,083,500 | 4,506,300 | - | - | - | 5,589,800 |
| NWR-2600-0002 | (I) | 2600 | 100% | 0% | 0% | 0% | 0% | San Timoteo Creek Non-potable Extraction Wells | 2016 | 14,635,437 | 17,659,517 | 840,774 | - | - | 840,800 | - | - | - | 969,900 | 1,000,800 | 2,811,500 |
| NP-2800-0001 | | 2800 | 30% | 0% | 70% | 0% | 0% | 24" 11n Sunny-Cal, Cherry Valley Blvd to Brookside Ave. | 2016 | 817,130 | 985,972 | - | - | - | - | - | - | - | - | - | 368,800 |
| NP-2800-0012 | | 2800 | 40% | 0% | 60% | 0% | 0% | 30" COB WWTP SITE, from 2600 to 2800 Zone Booster Pump (NPB 2600-0003) to 4th | 2016 | 1,103,240 | 1,331,200 | - | - | - | - | 274,700 | 1,142,500 | - | - | - | 1,417,200 |
| NP-2800-0014 | | 2800 | 0% | 0% | 100% | 0% | 0% | 12" Highland Springs Ave, 2nd St to 1st St | 2016 | 93,012 | 112,231 | - | - | - | - | - | - | 119,500 | - | - | 119,500 |



**Beaumont-Cherry Valley Water District
2022-2026 Capital Improvement Budget
Appendix C
2022 - 2026 Capital Improvement Budget Detail (AMENDED)**

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| Engineering Project # | Footnotes | Pressure Zone | Facility Fees | Cap. Repl. Res. | Developer | Other | Capital Improvement Program | Total project cost origination year | Total project cost, before inflation | 2022 Total Project cost, adjusted for inflation | 2021 | Estimated Carry Over 2021 Budget | 2022 Budget Request | 2023 Budget Request | 2024 Budget Request | 2025 Budget Request | 2026 Budget Request | 5-Year Budget Total | | |
|--|-----------|---------------|---------------|-----------------|-----------|-------|---|-------------------------------------|--------------------------------------|---|----------------------|----------------------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|---------------------|-----------------------|
| | | | | | | | | | | | Approved Budget | | | | | | | | YTD Actuals | Additions (Deletions) |
| NP-2800-0016 | (3) | 2800 | 0% | 0% | 100% | 0% | 12" Sundance TR, Cougar Way South to Park circle | 2016 | 199,549 | 240,781 | - | - | - | - | - | - | - | - | | |
| NP-2800-0017 | (3) | 2800 | 0% | 0% | 100% | 0% | 12" Sundance TR, Park circle to Highland Springs Ave. | 2016 | 146,280 | 176,506 | - | - | - | - | - | - | - | - | | |
| NP-2800-0018 | (3) | 2800 | 0% | 0% | 100% | 0% | 8" Sundance TR, Cougar Way South to Park square | 2016 | 86,586 | 80,344 | - | - | - | - | - | - | - | - | | |
| NP-2800-0019 | (3) | 2800 | 0% | 0% | 100% | 0% | 8" Sundance TR, Mary lane, Tioga Tr West | 2016 | 150,754 | 181,904 | 173,210 | (173,200) | 173,200 | (173,200) | - | - | - | - | - | |
| NPR-2800-0001 | | 2800 | 100% | 0% | 0% | 0% | 2800 to 2600 Non-potable Water Pressure Regulator | 2016 | 200,000 | 241,325 | - | 241,325 | 241,300 | - | - | - | 273,500 | 514,800 | | |
| NPT-2800-001 | | 2800 | 100% | 0% | 0% | 0% | Raw Water Filter System at 2800 PZ Tank | 2016 | 250,000 | 301,657 | - | - | - | - | 318,300 | - | - | 318,300 | | |
| NT-2800-0001 | | 2800 | 100% | 0% | 0% | 0% | ZMG Non-potable 2800 Zone Tank | 2016 | 3,381,300 | 4,079,969 | - | - | - | - | 434,400 | 4,047,300 | - | 4,481,700 | | |
| Total Non-Potable Infrastructure Projects | | | | | | | | | 48,732,074 | 58,680,512 | 9,974,529 | 5,688,188 | 239,825 | 4,286,400 | 239,800 | 12,117,700 | 10,210,100 | 8,182,600 | 2,241,800 | 37,278,400 |
| Total Capital Improvement Program | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | \$ 31,152,717 | \$ 8,145,750 | \$ 7,911,186 | \$ 23,007,300 | \$ 8,143,000 | \$ 32,945,600 | \$ 25,967,600 | \$ 19,977,100 | \$ 8,421,800 | \$ 118,462,400 |

Footnotes

- (1) Project completed in 2022 with unspent budget remaining
- (2) Project was initially budgeted for 2021 but will not be initiated until 2023 or later
- (3) New project for 2022
- (4) Project is ongoing
- (5) Project complete
- (6) Project is ongoing, all have been reconciled as one project
- (7) Unspent funds from Workstation Replacement project for 2020 were not carried over to 2021, causing the negative carryover for 2021
- (8) Non-Potable Infrastructure Project Recycled Water Conversion and Implementation was originally estimated to cost \$534,000, with a revised estimated cost of \$691,800
- (9) Pipeline Project 8" Sundance TR, Mary lane, Tioga Tr West, budgeted for 2021, will not be constructed



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 8

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Approval of an Agreement between Beaumont-Cherry Valley Water District and County of Riverside for American Rescue Plan Act (ARPA) Funding Allocations**

Staff Recommendation

Approve the agreement between Beaumont-Cherry Valley Water District (BCVWD or District) and the County of Riverside (County) for American Rescue Plan Act (ARPA) Funding Allocations and authorize the General Manager to execute the Agreement.

Background

On March 11, 2021, the American Rescue Plan Act (ARPA) was signed into law and established the Coronavirus State Fiscal Recovery Fund and Coronavirus Local Fiscal Recovery Fund, which together make up the Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program. This program is intended to provide support to State, territorial, local, and Tribal governments in responding to the economic and public health impacts of COVID-19 and in their efforts to contain impacts on their communities, residents, and businesses.

As part of the \$350 billion in federal fiscal recovery aid for state, territorial, local, and Tribal governments, \$65.1 billion is provided in direct aid to counties. The County of Riverside (County) received an estimated \$479 million in ARPA funding, of which their first installment of \$239,937,299 was received on May 10, 2021. The second installment of the remaining amount was received on June 6, 2022. The County has been working with BCVWD staff to secure and allocate ARPA funding to critical water and wastewater infrastructure in the County's 5th Supervisorial District.

Discussion

On May 24, 2022, the County approved the Fifth District ARPA Infrastructure project fund allocation for BCVWD, along with Cabazon Water District and the City of Banning.

Approved allocation for BCVWD infrastructure projects includes the following:

24" 3040 Pressure Zone Cherry Avenue/International Park Road Transmission Pipeline:

- ARPA Funding Award: \$1,282,900
- Estimated Project Cost: \$5,163,000
- Project Summary: Includes the construction of a 24" diameter water pipeline to increase the capacity of the water and transmission system and to improve firefighting and fire suppression across the entire BCVWD Service Area.



“B” Line Upper Edgar Transmission Pipeline and Facilities Project:

- ARPA Funding Award: \$1,300,000
- Estimated Project Cost: \$2,104,900
- Project Summary: Includes the replacement of a 10” diameter pipeline due to the age and increased frequency of leaks. The new pipeline will provide reliable water transmission capabilities and improve fire suppression capabilities.

The Funding Agreement for Beaumont-Cherry Valley Water District Agency Infrastructure Projects (Agreement) between BCVWD and the County defines the terms and conditions for implementation of the above-described projects. The draft Agreement is included as Attachment 1. District staff and legal counsel have reviewed the Agreement and are prepared to execute a final Agreement upon approval by the Board of Directors.

These projects are both subject to the California Environmental Quality Act (CEQA). In conformance with CEQA, a Mitigated Negative Declaration (MND) has been prepared for the 24” 3040 Pressure Zone Transmission Pipeline and Facilities Project. Research and preparation of the appropriate CEQA document is currently in progress for the “B” Line Transmission pipeline Project.

Staff is currently researching the requirements associated with the National Environmental Policy Act (NEPA) for both projects, as they may be subject to NEPA to receive ARPA funding.

Fiscal Impact

The “B” Line Transmission Pipeline Project is proposed to be funded through Capital Replacement Reserves. The 24” 3040 Pressure Zone Transmission Pipeline and Facilities Project is proposed to be funded through Capital Expansion. Per the Agreement, the recommended action would allow BCVWD to be reimbursed for project expenses up to \$2,582,900 for the two projects.

Attachments

Attachment 1 – Funding Agreement For Beaumont-Cherry Valley Water District Agency Infrastructure Projects (DRAFT, September 1, 2022)

- Attachment A – Infrastructure Project Scope
- Attachment B – U.S. Treasury ARPA Fiscal Recovery Funds Final Rule
- Attachment C – Uniform Administrative Requirements, Cost Principles, Federal Provisions and Audit Requirements for Federal Awards - 2 CFR Part 200 et seq
- Attachment D – Indemnification and Insurance Requirements
- Attachment E – Project Monitoring Requirements
- Attachment F – Construction Requirements

Staff Report prepared by Daniel Baguyo, Civil Engineering Assistant

**FUNDING AGREEMENT FOR
BEAUMONT-CHERRY VALLEY WATER DISTRICT AGENCY INFRASTRUCTURE
PROJECTS**

This Funding Agreement (“Agreement”) is entered into by and between the County of Riverside, a political subdivision of the State of California, (“County”) and Beaumont-Cherry Valley Water District, (“Subrecipient”). County and Subrecipient are sometimes individually referred to as “Party” and collectively as “Parties.”

RECITALS

WHEREAS, on March 11, 2021, the American Rescue Plan Act (ARPA) was signed into law, amending Section 9901 of Title VI of the Social Security Act which establishes the Coronavirus State and Local Fiscal Recovery Funds (Fiscal Recovery Funds) to provide state, local and Tribal governments with the resources needed to respond to the pandemic and its economic effects and to build a stronger, more equitable economy during the recovery; and

WHEREAS, on February 8, 2022, Minute Order 3.3, the Board of Supervisors of the County of Riverside approved allocation of ARPA funds to support eligible infrastructure projects within Riverside County; and

WHEREAS, on January 6, 2022, the U.S. Department of the Treasury (U.S. Treasury) adopted a final rule implementing the Fiscal Recovery Funds which takes effect on April 1, 2022 (Final Rule), however, Subrecipient may generally take actions and use funds in a manner consistent with the terms of the Final Rule prior to April 1, 2022, to the extent they are more restrictive than those in the interim final rule, issued on May 10, 2021; and

WHEREAS, to respond to the negative effects of the pandemic, which in turn affect our community as a whole, the County has dedicated a portion of the allotted ARPA funds to local agencies for the delivery and implementation of vital and eligible infrastructure projects; and

WHEREAS, the County desires to reimburse and the Subrecipient desires to accept ARPA Fiscal Recovery Funds in a total amount not to exceed \$2,582,900, for expenditures identified in Exhibit A related to the 3040 Pressure Zone Cherry Avenue/International Park Road Transmission Pipeline Project, and “B” Line Upper Edgar Transmission Pipeline and Facilities Project; and

NOW THEREFORE, in consideration of the mutual benefits, covenants, terms and conditions contained herein, the Parties agree as follows:

AGREEMENT

1. Incorporation of Recitals. The Recitals set forth above are incorporated herein and made an operative part of this Agreement.
2. Contract Documents. This Agreement consists of this Agreement and the following attachments, attached hereto and by this reference incorporated herein:
 - 2.1 Attachment A – Infrastructure Projects Scope

- 2.2 Attachment B – U.S. Treasury ARPA Fiscal Recovery Funds Final Rule
- 2.3 Attachment C – Uniform Administrative Requirements, Cost Principles, Federal Provisions and Audit Requirements for Federal Awards -2 CFR Part 200 et seq
- 2.4 Attachment D – Indemnification and Insurance Requirements
- 2.5 Attachment E – Project Monitoring Requirements
- 2.6 Attachment F – Construction Requirements

3. Infrastructure Projects; Scope of Work. Subrecipient shall be responsible for completion of all activities associated with design, implementation, installation and construction of the Infrastructure Projects, as described in **Attachment A**, on or before December 31, 2026, by first using funds received from the County in the amount provided in Section 4 of this Agreement. The Subrecipient shall also furnish timely reporting and documentation assuring Subrecipient’s compliance with the U.S. Treasury ARPA Guidelines (as stated in the Final Rule of the U.S. Department of the Treasury published in the Federal Register on January 27, 2022), and within the timelines and specifications provided in **Attachment E**. Under the provisions of the Agreement, the County shall bear no responsibility for the Infrastructure Projects, including without limitation any activities associated with implementation, installation and construction, or any future operation or maintenance of the Infrastructure Projects.

3.1 Project Signage. Subrecipient shall include appropriate acknowledgement of credit to the County for its support when promoting the Infrastructure Projects or using any data and/or information developed under this Agreement. Signage shall be posted in a prominent location at Infrastructure Project site(s) and shall include the U.S. Department of Treasury’s, and the County’s color logos, along with the following disclosure statement: “Funding for this project has been provided in full or in part from the American Rescue Plan Act, and through an agreement with the County of Riverside.” The Recipient shall also include in each of its contracts for work under this Agreement a provision that incorporates the requirements stated within this Paragraph.

4. Funding.

4.1 County shall provide funding to Subrecipient in a total amount not to exceed \$2,582,900 (“Award”), in quarterly payments in accordance with progress pay estimates submittals, and in compliance with ARPA Guidelines as set forth in **Attachment B**, attached hereto and by this reference incorporated herein, for the completion of the Infrastructure Projects. In the event that there is a conflict in the terms for payment in this Agreement and the terms in Attachments B and C, the terms in Attachments B and C shall take precedence. Subrecipient shall provide other non-federal funding at least equal to the amounts shown in **Attachment A**, attached hereto and by this reference incorporated herein, as a match to the funds provided by the County for the Infrastructure Projects.

4.2 Except as expressly provided in **Attachment A** of this Agreement, Subrecipient shall not be entitled to, nor receive from County any additional funding or other type of remuneration for services rendered under this Agreement. The Award amounts described in this Section are specifically for each Infrastructure Project and make up the entire amount which the County has approved to fund for each Infrastructure Project. Subrecipient shall not be entitled by virtue of this Agreement to consideration in excess of specified per-project Award amounts, and Subrecipient shall be responsible for any and all costs incurred above any Award amount for its implementation and completion of the specified Infrastructure Project. Any subsequent amendments to Infrastructure Project scopes or descriptions are not covered by this Agreement, and the funding for any such amendments or for any Infrastructure Project cost overruns shall be the sole responsibility of Subrecipient, unless otherwise approved in writing by the County.

4.3 Should it be determined at any time by the Subrecipient or the County that the Subrecipient cannot, will not or is unable to complete an Infrastructure Project subject to this

Agreement in accordance with the applicable State and Federal requirements and the provisions of this Agreement on or before December 31, 2026, then the subrecipient shall return 100% of the Award amount reimbursed to Subrecipient for any uncompleted Infrastructure Project as of the date of notification to the County, within thirty (30) days of notification.

4.4 In the event the actual cost for any Infrastructure Project is less than Award, Subrecipient shall refund the difference to County within thirty (30) days of filing the Notice of Completion for the Infrastructure Project, or by June 30, 2026, whichever occurs first. Subrecipient shall return any reimbursed Award Funds that have not been expended or are not adequately supported by invoices and documentation to the County, within thirty (30) days of completion of construction of the Infrastructure Project, or upon request by the County, whichever occurs first.

5. Invoicing and Billing

5.1 Invoices.

5.1.1 Invoices shall be submitted via e-mail to RIVCOARPA@RIVCO.ORG. The final invoice from the Subrecipient will be submitted with enough time for the County to reimburse the Subrecipient prior to December 31, 2026, per the final rule of ARPA.

5.1.2 Supporting documentation shall accompany each invoice: copies of paid receipts and invoices of all Subrecipient Infrastructure Project costs incurred by Subrecipient.

5.1.3 To ensure compliance with Federal and State regulations, County may require additional supporting documentation or clarification of claimed expenses as follows:

5.1.3.1 County Executive Office staff shall notify Subrecipient to obtain necessary additional documentation or clarification.

5.1.3.2 Subrecipient shall respond within three (3) business days with required additional documentation or clarification to avoid disallowances/partial payment of invoice.

5.1.3.3 All invoices containing expenses that need additional documentation or clarification not provided to County within three (3) business days of request shall have those expenses disallowed and only the allowed expenses shall be paid.

5.1.3.4 Subrecipient may resubmit disallowed expenses as a supplemental invoice only and must be accompanied by required documentation.

5.2 Payments

5.2.1 If the conditions set forth in this Agreement are met, County shall pay, on/or before the thirtieth (30th) day after receipt of a complete and accurate invoice, the sum of money claimed by the approved invoice, (less any credit due County for adjustments of prior invoices). If the conditions are not met, County shall pay when the necessary processing is completed and/or proper backup documentation is provided.

5.2.2 County shall not pay for unauthorized costs incurred by Subrecipient or for the claimed work which County monitoring shows have not been provided as authorized.

5.2.3 County retains the right to withhold payment on disputed claims.

6. Term. The Term of this Agreement shall be from the date of approval of this Agreement until filing of notice of completion for all Infrastructure Projects, or on December 31, 2026, whichever is sooner, unless sooner terminated as provided herein.

7. Subrecipient Compliance Obligations. The Subrecipient agrees to comply with the terms and conditions of this Agreement. The Subrecipient also agrees to apply the terms and conditions of this Agreement to all of its subcontractors (if applicable) and to require their strict compliance therewith. If it is determined that the Subrecipient is noncompliant, County may temporarily withhold or disallow reimbursement of costs, under 2 C.F.R. Part 200, as supplemented by 2 C.F.R. Part 910.

7.1 Federal Provisions. Subrecipient and all of its subcontractors shall comply with the Uniform Administrative Requirements, Cost Principles, Federal Provisions and Audit Requirements for Federal Awards Provisions contained in **Attachment C**

7.2 Additional terms and conditions for Infrastructure Projects. The Subrecipient and all of its subcontractors shall comply with the Drinking Water and / or the Clean Water State Revolving Fund compliance requirements as reflected in the U.S. Treasury ARPA Fiscal Recovery Funds Final Rule.

8. Contract Representatives.

8.1 County Representative. The County Executive Officer, or designee, shall be the designated representative who shall administer this Agreement on behalf of the County.

8.2 Subrecipient Representative. The General Manager, or designee, shall be the designated representative who shall administer this Agreement on behalf of the Subrecipient.

8.3 The Contract Representatives may be contacted as described in Section 11, below.

9. Records and Audit.

9.1 Subrecipient shall store and maintain all writings, documents and records prepared or compiled in connection with the performance of this Agreement for a minimum of five (5) years from the termination or completion of this Agreement. This includes any handwriting, typewriting, printing, photostatic, photographing and every other means of recording upon any tangible thing, any form of communication or representation including letters, words, pictures, sounds or symbols or any combination thereof. Any authorized representative of County shall have access to any writings as defined above for the purposes of making a report, audit, evaluation, or examination Further, County has the right at all reasonable times to audit, inspect or otherwise evaluate the work performed or being performed under this Agreement.

9.2 If it is determined pursuant to an audit that any funds provided pursuant to this Agreement have been improperly expended, Subrecipient shall, at the direction of the agency performing the audit, reimburse the County within thirty (30) days the full amount of such improperly expended funds. The funds shall be reimbursed in accordance with the recommendations in the audit.

10. Monitoring of Contract Compliance and Infrastructure Progress Reports.

10.1 Contract Compliance. The Subrecipient shall comply with the monitoring arrangements set forth in **Project Monitoring Requirements**, and **Construction Requirements**, attached as **Attachments E** and **F**, respectively.

10.2 Infrastructure Projects Progress Reports and Progress Pay Estimates. Subrecipient shall, as specified herein, provide quarterly reports detailing each Infrastructure Project's progress, including a financial status report and milestone progress report as described in **Attachment E**.

11. Notices. As used in this Agreement, notice includes but is not limited to the communications

of any notice, request, demand, approval, statement, report, acceptance, consent, waiver, and appointment. All notices must be in writing. All such notices from one party to another may be delivered in person, sent via reputable overnight courier, or served by first-class mail, certified or registered, postage prepaid, to each and all of the addresses set forth below.

If to County:

Riverside County Executive Office
Attention: Rania Odenbaugh and Scott Bruckner
4080 Lemon Street, 4th Floor,
Riverside, CA. 92501

If to Subrecipient:

Beaumont-Cherry Valley Water District
Attention: Daniel K. Jagers
560 Magnolia Avenue
Riverside, CA 92223

12. Conflicts of Interest. Subrecipient covenants that it presently has no interest, including but not limited to, other projects or independent contracts, and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with the performance of services required under this Agreement. RECIPIENT further covenants that in the performance of this Agreement, no person having any such interest shall be employed or retained by it under this Agreement. In the event federal funds are used, in whole or in part, for this Project, Subrecipient understands and agrees it must maintain a conflict of interest policy consistent with 2. C.F.R. section 200.318 (c) and that such conflict of interest policy is applicable to each activity funded under this award. Subrecipient must disclose in writing to the U.S. Treasury or through Recipient, as appropriate, any potential conflict of interest affecting the awarded funds in accordance with 2. C.F.R. section 200.12.

13. Nondiscrimination. During any period in which Subrecipient is in receipt of funds from Recipient, Subrecipient and its Board, officers, employees, agents, representatives or subcontractors shall not unlawfully discriminate in violation of any Federal, State or local law, rule or regulation against any employee, applicant for employment or person receiving services under this Agreement because of race, religious creed, color, national origin, ancestry, physical or mental disability including perception of disability, medical condition, genetic information, pregnancy related condition, marital status, gender/sex, sexual orientation, gender identity, gender expression, age (over 40), political affiliation or belief, or military and veteran status. Subrecipient and its officers, employees, agents, representatives or subcontractors shall comply with all applicable Federal, State and local laws and regulations related to non-discrimination and equal opportunity, including without limitation the County's non-discrimination policy; Title VI of the Civil Rights Act of 1964 (42 U.S.C. sections 2000d et seq.) and U.S. Treasury's implementing regulations at 31 C.F.R. Part 22, which prohibit discrimination on the basis of race, color, or national origin under programs or activities receiving federal financial assistance; The Fair Housing Act, Title VIII of the Civil Rights Act of 1968 (42 U.S.C. sections 3601 et seq.), which prohibits discrimination in housing on the basis of race, color, religion, national origin, sex, familial status, or disability; Section 504 of the Rehabilitation Act of 1973, as amended (42 U.S.C. sections 6101 et seq.), and the U.S. Treasury's implementing regulations at 31 C.F.R. part 23, which prohibit discrimination on the basis of age in programs or activities receiving federal financial assistance; and Title II of the Americans with Disabilities Act of 1990, as amended (42 U.S.C. sections 12101 et seq.) which prohibits discrimination on the basis of disability under programs, activities, and services provided or made available by state and local governments or instrumentalities or agencies thereto; The Fair Employment and Housing Act (Government Code sections 12900 et seq.); California Labor Code sections 1101, and 1102; the Federal Civil Rights Act of 1964 (P.L. 88-352), as amended; and all applicable regulations promulgated in the California Code of Regulations or the Code of Federal Regulations, and Riverside County's non-discrimination policy.

Subrecipient shall include the non-discrimination and compliance provisions of this Section in all subcontracts to perform work under or as a derivative of this Agreement.

14. Indemnification. The Subrecipient shall be bound by the indemnification, hold harmless and defend provisions contained in **Attachment D**.

15. Insurance. Subrecipient shall obtain, and maintain, or caused to be obtained and maintained, at all times during the Term of this Agreement, insurance coverage in the amounts and coverage specified in **Attachment D**.

16. Termination. The County may terminate this agreement upon a determination that Subrecipient is not complying with ARPA terms and conditions. The County may withhold additional planned distributions of funding to Subrecipient pending receipt of requisite reporting requirements by Subrecipient to the County as described herein.

17. Compliance with Laws. The Subrecipient is required to comply with all applicable federal, state and local laws and regulations for all work performed or funded by and through this Agreement. The Subrecipient is required to obtain all necessary federal, state and local permits, authorizations and approvals for all work performed under this Agreement.

18. Disputes. The parties shall attempt to resolve any disputes amicably at the working level. If that is not successful, the dispute shall be referred to the senior management of the parties. The Subrecipient shall proceed diligently with the Infrastructure Projects described in this Agreement pending the resolution of a dispute. The Parties reserve the right to pursue any remedies at law or in equity should any dispute relating to this Agreement not be resolved by the Parties. Notwithstanding the foregoing, prior to the filing of any legal action related to this Agreement, the Parties shall be obligated to attend a mediation session in Riverside County before a neutral third party mediator. A second mediation session shall be required if the first session is not successful. The parties shall share the cost of the mediations.

19. Status of Subrecipient. The Subrecipient is, for purposes relating to this Agreement, an independent contractor and shall not be deemed an employee of the County. It is expressly understood and agreed that the Subrecipient (including its employees, agents, and subcontractors) shall in no event be entitled to any benefits to which County employees are entitled, including but not limited to overtime, any retirement benefits, worker's compensation benefits, and injury leave or other leave benefits. There shall be no employer-employee relationship between the parties nor is there a joint venture; and Subrecipient shall indemnify and hold County harmless from any and all claims that may be made against County based upon any contention by a third party that an employer-employee relationship exists by reason of this Agreement.

19.1 All acts of Subrecipient and its officers, employees, agents, representatives, subcontractors, and all others acting on behalf of Subrecipient relating to the performance of this Agreement, shall be performed as independent contractors and not as agents, officers, or employees of County. Subrecipient, by virtue of this Agreement, has no authority to bind or incur any obligation on behalf of County. No agent, officer or employee of the County is to be considered an employee of Subrecipient. At all times during the term of this Agreement, the Subrecipient and its officers, employees, agents, representatives, or subcontractors are, and shall represent and conduct themselves as, independent contractors and not employees of County.

19.2 Subrecipient shall determine the method, details, and means of performing the work and services to be provided by Subrecipient under this Agreement. Subrecipient shall be responsible to County only for the requirements and results specified in this Agreement and, except as expressly provided in this Agreement, shall not be subjected to County's control with respect to the physical action or activities of Subrecipient in fulfillment of this Agreement. Subrecipient has control over the manner and means for completion of the Infrastructure Project described in this Agreement. If necessary, Subrecipient has the responsibility for employing or engaging other persons or firms to assist Subrecipient in fulfilling the terms and obligations under this Agreement.

19.3 If in the performance of this Agreement any third persons are employed by Subrecipient, such persons shall be entirely and exclusively under the direction, supervision, and control of Subrecipient. All terms of employment including hours, wages, working conditions, discipline, hiring and discharging or any other term of employment or requirements of law shall be determined by the Subrecipient. It is further understood and agreed that Subrecipient must issue W-2 forms or other forms as required by law for income and employment tax purposes for all Subrecipient's assigned personnel under the terms and conditions of this Agreement.

20. Entire Agreement. This Agreement is the result of negotiations between the Parties. This Agreement is intended by the Parties as a full and final expression of their understanding with respect to the matters contained in this Agreement and shall not be modified in any manner except by an instrument in writing executed by the Parties or their respective successors in interest.

21. Amendment; Modification. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties.

22. Governing Law and Venue. The interpretation and performance of this Agreement shall be governed by the laws of the State of California. Venue shall be in Riverside County, California.

23. Construction/Interpretation. Headings or captions to the provisions of this Agreement are solely for the convenience of the Parties, are not part of this Agreement, and shall not be used to interpret or determine the validity of this Agreement. Any ambiguity in this Agreement shall not be construed against the drafter, but rather the terms and provisions hereof shall be given a reasonable interpretation as if both parties had in fact drafted this Agreement.

24. No Waiver. Failure of the Parties to insist upon strict compliance with any of the terms, covenants or conditions hereof shall not be deemed a waiver of such term, covenant or condition, nor shall any waiver or relinquishment of any rights or powers hereunder at any one time or more times be deemed a waiver or relinquishment of such other right or power at any other time or times.

25. No Third-Party Beneficiaries. There are no intended third-party beneficiaries of any right or obligation assumed by the Parties.

26. Severability. It is intended that each paragraph of this Agreement shall be treated as separate and divisible, and in the event that any paragraphs are deemed unenforceable, the remainder shall continue to be in full force and effect so long as the primary purpose of this Agreement is unaffected.

27. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

28. Use of Electronic (Digital) Signatures. This Agreement may be executed in any number of counterparts, each of which will be an original, but all of which together will constitute one instrument. Each party of this Agreement agrees to the use of electronic signatures, such as digital signatures that meet the requirements of the California Uniform Electronic Transactions Act (“CUETA”) Cal. Civ. Code §§ 1633.1 to 1633.17), for executing this Agreement. The parties further agree that the electronic signatures of the parties included in this Agreement are intended to authenticate this writing and to have the same force and effect as manual signatures. Electronic signature means an electronic sound, symbol, or process attached to or logically associated with an electronic record and executed or adopted by a person with the intent to sign the electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an electronic signature for transactions and contracts among parties in California, including a government agency. Digital signature means an electronic identifier, created by computer, intended by the party using it to have the same force and effect as the use of a manual signature, and shall be reasonably relied upon by the parties. For purposes of this section, a digital signature is a type of "electronic signature" as defined in subdivision (i) of Section 1633.2 of the Civil Code

[Signature Provisions on Following Page]

28. Authority to Enter Agreement. Each Party to this Agreement warrants to the other that it is duly organized and existing and that it and the respective signatories have full right and authority to enter into and consummate this Agreement and all related documents and bind the parties thereto.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the date as indicated beside each Party's signature.

COUNTY:
COUNTY OF RIVERSIDE, a political subdivision
of the State of California

SUBRECIPIENT:
BEAUMONT-CHERRY VALLEY
WATER DISTRICT

By: _____

By: _____

Chair, Board of Supervisors

General Manager

ATTEST:
Clerk of the Board
Kecia Harper

By: _____
Deputy

(Seal)

APPROVED AS TO FORM
County Counsel

By: _____

Attachment A – Infrastructure Project Scope

3040 Pressure Zone Cherry Avenue/International Park Road Transmission Pipeline

Scope of Work

The Subrecipient will complete all planning, design and procurement necessary to construct the Infrastructure Project. The Subrecipient will construct the waterline project consisting of approximately 2,400 feet of water line identified as the District’s 24” 3040 pressure zone transmission pipeline located with Cherry Avenue and International Park Road.

Project Budget

| ITEM | DESCRIPTION | COUNTY OF RIVERSIDE ARPA PROJECT FUNDING AMOUNT (Not to Exceed) | BEAUMONT-CHERRY VALLEY WATER DISTRICT NON-FEDERAL FUNDING AMOUNT | ESTIMATED PROJECT COST |
|--------|------------------------|--|--|------------------------|
| 1 | Facility Planning | \$0 | \$51,630 | \$51,630 |
| 2 | Preliminary Design | \$0 | \$154,890 | \$154,890 |
| 3 | Final Design | \$0 | \$258,150 | \$258,150 |
| 4 | Spec Review, Bid/Award | \$0 | \$51,630 | \$51,630 |
| 5 | Construction | \$1,282,900 | \$0 | \$1,282,900 |
| 6 | Admin Closeout | \$0 | \$56,793 | \$56,793 |
| TOTAL: | | \$1,282,900 | \$573,093 | \$1,855,993 |

Schedule

| ITEM | DESCRIPTION OF SUBMITTAL | ESTIMATED DUE DATE |
|------|---------------------------------|--------------------|
| 1 | Feasibility Report | Complete |
| 2 | Preliminary Design Report | Complete |
| 3 | Final Design | November 10, 2022 |
| 4 | Spec Review, Bid/Award | February 8, 2023 |
| 5 | Construction and Implementation | February 28, 2025 |
| 6 | Admin Closeout | August 29, 2025 |

“B” Line Upper Edgar Transmission Pipeline and Facilities Project

Scope of Work

The Subrecipient will complete all planning, design and procurement necessary to construct the Infrastructure Project. The Subrecipient will construct the waterline replacement and support facilities (fire hydrants and 3900 booster pumps) project proposed to construct 3,000 feet of water line and support facilities to replace and existing 10-inch riveted steel waterline and provide area firefighting components.

Project Budget

| ITEM | DESCRIPTION | COUNTY OF RIVERSIDE ARPA PROJECT FUNDING AMOUNT (Not to Exceed) | BEAUMONT-CHERRY VALLEY WATER DISTRICT NON-FEDERAL FUNDING AMOUNT | ESTIMATED PROJECT COST |
|--------|------------------------|---|--|------------------------|
| 1 | Facility Planning | \$0 | \$15,000 | \$15,000 |
| 2 | Preliminary Design | \$0 | \$125,000 | \$125,000 |
| 3 | Final Design | \$0 | \$35,000 | \$35,000 |
| 4 | Spec Review, Bid/Award | \$0 | \$35,000 | \$35,000 |
| 5 | Construction | \$1,300,000 | \$586,900 | \$1,886,900 |
| 6 | Admin Closeout | \$0 | \$8,000 | \$8,000 |
| TOTAL: | | \$1,300,000 | \$804,900 | \$2,104,900 |

Schedule

| ITEM | DESCRIPTION OF SUBMITTAL | ESTIMATED DUE DATE |
|------|---------------------------------|--------------------|
| 1 | Feasibility Report | November 14, 2022 |
| 2 | Preliminary Design Report | February 3, 2023 |
| 3 | Final Design | May 15, 2023 |
| 4 | Spec Review, Bid/Award | September 27, 2023 |
| 5 | Construction and Implementation | October 10, 2025 |
| 6 | Admin Closeout | December 31, 2025 |

Attachment B – U.S. Treasury ARPA Fiscal Recovery Funds Final Rule

Attachment C – Uniform Administrative Requirements, Cost Principles, Federal Provisions and Audit Requirements for Federal Awards -2 CFR Part 200 et seq

2 CFR Part 200 attached hereto

ATTACHMENT C CONTINUED

FEDERAL PROVISIONS

Should funding be allocated through American Rescue Plan Act (ARPA; (Title VI of the Social Security Act Section 602 et seq.), the COUNTY will administer and distribute those funds in accordance with ARPA. ARPA requires that payments from the Coronavirus Fiscal Recovery Fund be used to respond to the public health emergency or its negative economic impacts, to respond to workers performing essential work during the COVID-19 public health emergency by providing premium pay, provide government services to the extent the reduction of revenue due to COVID-19 public health emergency, and to make necessary investments in water, sewer or broadband infrastructure. It is effective beginning May 17, 2021 and ends on December 31, 2026.

Subrecipient acknowledges and agrees that this Agreement is subject to the federal requirements, including but not limited to the federal provisions provided below:

1. **NON-DISCRIMINATION.** Subrecipient shall not be discriminate in the provision of services, allocation of benefits, accommodation in facilities, or employment of personnel on the basis of ethnic group identification, race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status or sex in the performance of this Agreement; and, to the extent they shall be found to be applicable hereto, shall comply with the provisions of the California Fair Employment and Housing Act (Gov. Code 12900 et. seq), the Federal Civil Rights Act of 1964 (P.L. 88-352), the Americans with Disabilities Act of 1990 (42 U.S.C. S1210 et seq.) and all other applicable laws or regulations.

2. **EQUAL EMPLOYMENT OPPORTUNITY/ FAIR EMPLOYMENT PRACTICES/ FEDERAL PROVISIONS.** During the performance of this Agreement, the Subrecipient shall not deny benefits to any person on the basis of religion, color, ethnic group identification, sex, age, physical or mental disability, nor shall they discriminate unlawfully against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, mental disability, medical condition, marital status, age, or sex. Subrecipient shall ensure that the evaluation and treatment of employees and applicants for employment are free of such discrimination.

A. Subrecipient shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12900 et seq.), the regulations promulgated thereunder (California Code of Regulations, Title 2, Section 11000 et seq.), the provisions of Executive Order 11246 of Sept. 23, 1965 and of the rules, regulations, and relevant orders of the Secretary of Labor, the provisions of Article 9.5, Chapter 1, Part 1, Division 3, Title 2 of the Government Code (Government Code, Sections 11135-11139.8), and of the rules, regulations or standards adopted by the County to implement such article.

B. The Subrecipient shall comply with the provisions of the Copeland “Anti-Kickback” Act, 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this Agreement.

3. **CLEAN AIR ACT.** The Subrecipient agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. Section 7401 et seq. The Subrecipient agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the California

Governor's Office of Emergency Services, Federal Emergency Management Agency (FEMA), and the appropriate Environmental Protection Agency Regional Office. The Subrecipient agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

4. FEDERAL WATER POLLUTION CONTROL ACT

The Subrecipient agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. Sections 1251 et seq.

The Subrecipient agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency (FEMA), and the appropriate Environmental Protection Agency Regional Office. The Subrecipient agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

5. DEBARMENT AND SUSPENSION CLAUSE

This Agreement is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Subrecipient is required to verify that none of the Subrecipient, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

The Subrecipient must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by the County. If it is later determined that the Subrecipient did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the County, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

6. BYRD ANTI- LOBBYING AMENDMENT, 31 U.S.C. § 1352 (AS AMENDED)

Subrecipients who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the County.

APPENDIX A, 44 C.F.R. PART 18- CERTIFICATION REGARDING LOBBYING

The undersigned [Subrecipient] certifies, to the best of his or her knowledge, that:

A. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection

with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

B. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

C. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Subrecipient certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Subrecipient understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

SUBRECIPIENT

By _____
Date _____

7. PROCUREMENT OF RECOVERED MATERIALS

In the performance of this Agreement, the Subrecipient shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired

- A. Competitively within a timeframe providing for compliance with the contract performance schedule;
- B. Meeting contract performance requirements; or
- C. At a reasonable price.

Information about this requirement, along with the list of EPA-designated items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>

The Subrecipient also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

8. ACCESS TO RECORDS

The following access to records requirements apply to this Agreement:

- A. The Subrecipient agrees to provide the County, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Subrecipient which are directly pertinent to this Agreement for the purposes of making audits, examinations, excerpts, and transcriptions
- B. The Subrecipient agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

- C. The Subrecipient agrees to provide the FEMA Administrator or his or her authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.
- D. In compliance with the Disaster Recovery Act of 2018, the County and the Subrecipient acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

9. DEPARTMENT OF HOMELAND SECURITY SEAL, LOGO, FLAGS

The Subrecipient shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

10. COMPLIANCE WITH FEDERAL LAW, REGULATIONS, AND EXECUTIVE ORDERS

This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The Subrecipient will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives.

11. NO OBLIGATION BY FEDERAL GOVERNMENT

The Federal Government is not a party to this Agreement and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

12. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS

The Subrecipient acknowledges that 31 U.S.C. Chapter 38 (Administrative Remedies for False Claims and Statements) applies to the Subrecipient's actions pertaining to this Agreement.

13. FEDERAL PREVAILING WAGE

DAVIS-BACON ACT COMPLIANCE (applicable to construction contracts in excess of \$2,000 awarded by grantees and subgrantees when required by Federal grant program legislation)

To the extent required by any Federal grant programs applicable to expected funding or reimbursement expenses incurred in connection with the services provided under this Agreement, Subrecipient agrees to comply with the Davis-Bacon Act (40 U.S.C. §§ 3141-3144 and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5) as set forth below.

A. The Subrecipient shall be bound to the provisions of the Davis-Bacon Act, and agrees to be bound by all the provisions of Labor Code section 1771 regarding prevailing wages. All labor on this project shall be paid neither less than the greater of the minimum wage rates established by the U.S. Secretary of Labor (Federal Wage Rates), or by the State of California Director of Department of Industrial Relations (State Wage Rates). Current DIR requirements may be found at <http://www.dir.ca.gov/lcp.asp>. Additionally, wages are required to be paid not less than once a week.

B. The general prevailing wage rates may be accessed at the Department of Labor Home Page at www.wdol.gov. Under the Davis Bacon heading, click on "Selecting DBA WDs." In the drop down menu

for State, select, “California.” In the drop down menu for County, select “Riverside.” In the drop down menu for Construction Type, make the appropriate selection. Then, click Search.

The Federal minimum wage rates for this project are predetermined by the United States Secretary of Labor. If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California DIR for similar classifications of labor, the Subrecipient and subcontractors shall pay not less than the higher wage rate. The County will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes “helper” (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by the Subrecipient and subcontractors, the Subrecipient and subcontractors shall pay not less than the Federal minimum wage rate which most closely approximates the duties of the employees in question.

14. CONTRACT WORK HOURS AND SAFETY STANDARDS (applicable to all contracts in excess of \$100,000 that involve the employment of mechanics or laborers, but not to purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence)

A. Compliance: Subrecipient agrees that it shall comply with Sections 3702 and 3704 of the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 3701–3708) as supplemented by Department of Labor regulations (29 CFR Part 5), which are incorporated herein.

B. Overtime: No contractor or subcontractor contracting for any part of the work under this Agreement which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

C. Violation; liability for unpaid wages; liquidated damages: In the event of any violation of the provisions of paragraph B of this section, the Subrecipient and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such Subrecipient and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of the provisions of paragraph B, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by paragraph B.

D. Withholding for unpaid wages and liquidated damages: Subrecipient shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set for in paragraph C of this section.

E. Subcontracts: The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs A through D of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs A through D of this section.

15. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT— Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by HUD.

16. RIGHTS TO DATA AND COPYRIGHTS – Subrecipients and consultants agree to comply with all applicable provisions pertaining to the use of data and copyrights pursuant to 48 CFR Part 27.4, Federal Acquisition Regulations (FAR).

17. PROHIBITION ON CONTRACTING FOR COVERED TELECOMMUNICATIONS EQUIPMENT OR SERVICES

A. Definitions. As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy, #405-143-1 Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services As used in this clause—

B. Prohibitions.

(1) Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.

(2) Unless an exception in paragraph (c) of this clause applies, the contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:

(i) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(ii) Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(iii) Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or (iv) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

C. Exceptions.

(1) This clause does not prohibit contractors from providing—

a. A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

b. Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

- (2) By necessary implication and regulation, the prohibitions also do not apply to:
 - a. Covered telecommunications equipment or services that:
 - i. Are not used as a substantial or essential component of any system; and
 - ii. Are not used as critical technology of any system.
 - b. Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.

D. Reporting requirement.

(1) In the event the contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph (d)(2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.

(2) The Subrecipient shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services. Page 10

E. Subcontracts. The Subrecipient shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

18. REPORTING OF MATTERS RELATED TO RECIPIENT INTEGRITY AND PERFORMANCE

A. General Reporting Requirement

If the total value of your currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this Federal award, then you as the recipient during that period of time must maintain the currency of information reported to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administrative proceedings described in paragraph 2 of this award term and condition. This is a statutory requirement under section 872 of [Public Law 110-417](#), as amended ([41 U.S.C. 2313](#)). As required by section 3010 of [Public Law 111-212](#), all information posted in the designated integrity and performance system on or after April 15, 2011, except past performance reviews required for Federal procurement contracts, will be publicly available.

B. Proceedings About Which You Must Report

Submit the information required about each proceeding that:

- a. Is in connection with the award or performance of a grant, cooperative agreement, or procurement contract from the Federal Government;
- b. Reached its final disposition during the most recent five-year period; and

c. Is one of the following:

- (1) A criminal proceeding that resulted in a conviction, as defined in paragraph 5 of this award term and condition;
- (2) A civil proceeding that resulted in a finding of fault and liability and payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more;
- (3) An administrative proceeding, as defined in paragraph 5. of this award term and condition, that resulted in a finding of fault and liability and your payment of either a monetary fine or penalty of \$5,000 or more or reimbursement, restitution, or damages in excess of \$100,000; or
- (4) Any other criminal, civil, or administrative proceeding if:
 - (i) It could have led to an outcome described in paragraph 2.c.(1), (2), or (3) of this award term and condition;
 - (ii) It had a different disposition arrived at by consent or compromise with an acknowledgment of fault on your part; and
 - (iii) The requirement in this award term and condition to disclose information about the proceeding does not conflict with applicable laws and regulations.

C. Reporting Procedures

Enter in the SAM Entity Management area the information that SAM requires about each proceeding described in paragraph 2 of this award term and condition. You do not need to submit the information a second time under assistance awards that you received if you already provided the information through SAM because you were required to do so under Federal procurement contracts that you were awarded.

D. Reporting Frequency

During any period of time when you are subject to the requirement in paragraph 1 of this award term and condition, you must report proceedings information through SAM for the most recent five year period, either to report new information about any proceeding(s) that you have not reported previously or affirm that there is no new information to report. Recipients that have Federal contract, grant, and cooperative agreement awards with a cumulative total value greater than \$10,000,000 must disclose semiannually any information about the criminal, civil, and administrative proceedings.

E. Definitions

For purposes of this award term and condition:

- a. Administrative proceeding means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (*e.g.*, Securities and Exchange Commission Administrative proceedings, Civilian Board of Contract Appeals proceedings, and Armed Services Board of Contract Appeals proceedings). This includes proceedings at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include audits, site visits, corrective plans, or inspection of deliverables.
- b. Conviction, for purposes of this award term and condition, means a judgment or conviction of a criminal offense by any court of competent jurisdiction, whether entered upon a verdict or a plea, and includes a conviction entered upon a plea of *nolo contendere*.
- c. Total value of currently active grants, cooperative agreements, and procurement contracts includes -
 - (1) Only the Federal share of the funding under any Federal award with a recipient cost share or match; and
 - (2) The value of all expected funding increments under a Federal award and options, even if not yet exercised.

Attachment D – Indemnification and Insurance Requirements

INDEMNIFICATION

A. Basic Indemnity

1. To the fullest extent permitted by applicable law, Subrecipient agrees to indemnify, hold harmless and defend the County of Riverside, its Agencies, Districts, Departments and Special Districts, Board of Supervisors, elected and appointed officials, and each of their respective directors, members officers, employees, agents, volunteers and representatives ("Indemnitees") and each of them from any and all Losses that arise out of or relate to any act or omission constituting ordinary and not professional negligence (including, without limitation, negligent breach of contract), recklessness, or willful misconduct on the part of Subrecipient or its subconsultants or their respective employees, agents, representatives, or independent contractors.

2. "Losses" shall mean any and all economic and non-economic losses, costs, liabilities, claims, damages, actions, judgements, settlements and expenses, including, without limitation, full and actual attorney's fees (including, without limitation, attorney's fees for trial and on appeal), expert and non-expert witness fees, arbitrator and arbitration fees and mediator and mediation fees.

3. Subrecipient further agrees to and shall indemnify and hold harmless the Indemnitees from all liability arising from suits, claims, demands, actions, or proceedings made by agents, employees or subcontractors of Subrecipient for salary, wages, compensation, health benefits, insurance, retirement or any other benefit not explicitly set forth in this Agreement and arising out of work performed for County pursuant to this Agreement. The Indemnitees shall be entitled to the defense and indemnification provided for hereunder regardless of whether the Loss is in part caused or contributed to by the acts or omissions of an Indemnitee or any other person or entity; provided however, that nothing contained herein shall be construed as obligating Subrecipient to indemnify and hold harmless any Indemnitee to the extent not required under the provisions of Paragraph B below.

B. Indemnity for Design Professionals

1. To the fullest extent permitted by Applicable Law, Subrecipient agrees to defend (through legal counsel reasonably acceptable to County), indemnify and hold harmless the Indemnitees, and each of them, against any and all Losses that arise out of, pertain to, or relate to, any negligence, recklessness or willful misconduct constituting professional negligence on the part of Subrecipient or its Subconsultants, or their respective employees, agents, representatives, or independent contractors. The Indemnitees shall be entitled to the defense, and indemnification provided for hereunder regardless of whether the Loss is, in part, caused or contributed to by the acts or omissions of an Indemnitee or any other person or entity; provided, however, that nothing contained herein shall be construed as obligating Subrecipient to indemnify and hold harmless any Indemnitee to the extent not required under the provisions of this section. Subrecipient shall defend and pay, all costs and fees, including but not limited to attorney fees, cost of investigation, and defense, in any loss, suits, claims, demands, actions, or proceedings to the extent and in proportion to the percentage, such costs and fees arise out of, pertain to, or relate to the negligence, recklessness or willful misconduct of Subrecipient arising out of or from the performance of professional design services under this Agreement. The duty to defend applies to any alleged or actual negligence, recklessness, willful misconduct of Subrecipient. The cost for defense shall apply whether or not Subrecipient is a party to the lawsuit and shall apply whether or not Subrecipient is directly liable to the plaintiffs in the lawsuit. The duty to defend applies even if Indemnitees are alleged or found to be actively negligent, but only in proportion to the percentage of fault or negligence of Subrecipient.

2. Without affecting the rights of County under any other provision of this Agreement, Subrecipient shall not be required to indemnify or hold harmless or provide defense or defense costs to an Indemnitee for a loss due to that Indemnitee's negligence, recklessness or willful misconduct; provided, however, that such negligence, recklessness or willful misconduct has been determined by agreement of Subrecipient and Indemnitee or has been adjudged by the findings of a court of competent jurisdiction.

C. Subrecipient agrees to obtain or cause to be obtained executed defense and indemnity agreements with provisions identical to those set forth in this section from each and every Subconsultant, of every Tier.

D. Subrecipient's indemnification obligations under this Agreement shall not be limited by the amount or type of damages, compensation or benefits payable under any policy of insurance, workers' compensation acts, disability benefit acts or other employee benefit acts.

E. The Indemnitees shall be entitled to recover their attorneys' fees, costs and expert and consultant costs in pursuing or enforcing their right to defense and/or indemnification under this Agreement.

INSURANCE REQUIREMENTS

Without limiting or diminishing the Subrecipient's obligation to indemnify or hold the County harmless, Subrecipient shall procure and maintain or cause to be maintained, at its sole cost and expense, the following insurance coverages during the term of this Agreement. As respects to the insurance section only, the County herein refers to the County of Riverside, its Agencies, Districts, Special Districts, and Departments, their respective directors, officers, Board of Supervisors, employees, elected or appointed officials, agents or representatives as Additional Insureds.

A. Workers' Compensation: If the Subrecipient has employees as defined by the State of California, the Subrecipient shall maintain statutory Workers Compensation Insurance (Coverage A) as prescribed by the laws of the State of California. Policy shall include Employers' Liability (Coverage B) including Occupational Disease with limits not less than \$1,000,000 per person per accident. The policy shall be endorsed to waive subrogation in favor of The County of Riverside.

B. Commercial General Liability: Commercial General Liability insurance coverage, including but not limited to, premises liability, unmodified contractual liability, products and completed operations liability, personal and advertising injury, and cross liability coverage, covering claims which may arise from or out of Subrecipient's performance of its obligations hereunder. Policy shall name the County as Additional Insured. Policy's limit of liability shall not be less than \$2,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit. Policy shall name the County as Additional Insureds.

C. Vehicle Liability: If vehicles or mobile equipment are used in the performance of the obligations under this Agreement, then Subrecipient shall maintain liability insurance for all owned, non-owned or hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit. Policy shall name the County as Additional Insureds.

D. Professional Liability (ONLY TO BE INCLUDED IN CONTRACTS WITH SERVICE PROVIDERS INCLUDING BUT NOT LIMITED TO ENGINEERS, DESIGN PROFESSIONALS, DOCTORS, AND LAWYERS) Contractor shall maintain Professional Liability Insurance providing coverage for the Contractor's performance of work included within this Agreement, with a limit of liability of not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. If Contractor's Professional Liability Insurance is written on a claims made basis rather than an occurrence basis, such insurance shall continue through the term of this Agreement and Subrecipient shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that Subrecipient has Maintained continuous coverage with the same or original insurer. Coverage provided under items 1), 2), or 3) will continue as long as the law allows. Policy shall name the County as Additional Insureds.

E. General Insurance Provisions - All lines:

1. Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of California and have an A M BEST rating of not less than A: VIII (A:8) unless such requirements are waived, in writing, by the County Risk Manager. If the County's Risk Manager waives a requirement for a particular insurer such waiver is only valid for that specific insurer and only for one policy term.

2. The Subrecipient must declare its insurance self-insured retention for each coverage required herein. If any such self-insured retention exceed \$500,000 per occurrence each such retention shall have the prior written consent of the County Risk Manager before the commencement of operations under this Agreement. Upon notification of self-insured retention unacceptable to the County, and at the election of the County's Risk Manager, Subrecipient's carriers shall either; 1) reduce or eliminate such self-insured retention as respects this Agreement with the County, or 2) procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.

3. Subrecipient shall cause Subrecipient's insurance carrier(s) to furnish the County of Riverside with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of Endorsements effecting coverage as required herein, and 2) if requested to do so orally or in writing by the County Risk Manager, provide original Certified copies of policies including all Endorsements and all attachments thereto, showing such insurance is in full force and effect. Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that a minimum of thirty (30) days written notice shall be given to the County of Riverside prior to any material modification, cancellation, expiration or reduction in coverage of such insurance. If Subrecipient insurance carrier(s) policies does not meet the minimum notice requirement found herein, Subrecipient shall cause Subrecipient's insurance carrier(s) to furnish a 30 day Notice of Cancellation Endorsement.

4. In the event of a material modification, cancellation, expiration, or reduction in coverage, this Agreement shall terminate forthwith, unless the County of Riverside receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverage's set forth herein and the insurance required herein is in full force and effect. Subrecipient shall not commence operations until the County has been furnished original Certificate (s) of Insurance and certified original copies of endorsements and if requested, certified original policies of insurance including all endorsements and any and all other attachments as required in this Section. An individual authorized by the insurance carrier to do so on its behalf shall sign the original endorsements for each policy and the Certificate of Insurance.

5. It is understood and agreed to by the parties hereto that the Subrecipient's insurance shall be construed as primary insurance, and the County's insurance and/or deductibles and/or self-insured retentions or self-insured programs shall not be construed as contributory.

6. If, during the term of this Agreement or any extension thereof, there is a material change in the scope of services; or, there is a material change in the equipment to be used in the performance of the scope of work; or, the term of this Agreement, including any extensions thereof, exceeds five (5) years; the County reserves the right to adjust the types of insurance and the monetary limits of liability required under this Agreement, if in the County Risk Management's reasonable judgment, the amount or type of insurance carried by the Subrecipient has become inadequate.

7. Subrecipient shall pass down the insurance obligations contained herein to all tiers of subcontractors working under this Agreement.

8. The insurance requirements contained in this Agreement may be met with a program(s) of self-insurance acceptable to the County.

9. Subrecipient agrees to notify County of any claim by a third party or any incident or event that may give rise to a claim arising from the performance of this Agreement

Attachment E - Project Monitoring Requirements

Quarterly Progress Reports shall be submitted on the 21st of the month following the previous quarter. Quarterly reports shall be sent via e-mail to RIVCOARPA@RIVCO.ORG. The quarterly report shall include a brief description of the work performed during the reporting period, including construction status, milestones achieved, financial status report including cost incurred to date, cash flow projections, schedule updates, and any problems encountered in the performance of the work under this Agreement. The progress pay estimate for the reporting period shall be included as part of the quarterly progress report submittal.

In addition to the above, project schedule and cashflow projection updates shall be emailed to the County on a monthly basis.

Attachment F - Construction Requirements

RECIPIENT shall:

1. Pursuant to the California Environmental Quality Act ("CEQA") and National Environmental Policy Act ("NEPA"), act as Lead Agency and assume responsibility for preparation, circulation and adoption of all necessary and appropriate CEQA documents pertaining to the construction, operation and maintenance of Infrastructure Projects.

2. To the extent that it has not already done so, the Recipient shall prepare or cause plans and specifications ("Plans") to be prepared for the Infrastructure Projects prior to advertising Infrastructure Projects for construction bids.

3. Provide COUNTY a copy of the engineering design cost proposal and associated design schedule for each Infrastructure Project.

4. Advertise and award separate public works construction contracts for the Infrastructure Projects and begin construction per the schedules included in **Attachment A** of this Agreement.

5. Prior to advertising Infrastructure Projects for public works construction contract, obtain all necessary permits, approvals, or agreements as may be required by any federal, state and local resource or regulatory agencies pertaining to the construction, operation and maintenance of Infrastructure Projects. Assume sole responsibility for compliance with the requirements of all regulatory permits, including any amendments thereto, pertaining to the construction, operation and maintenance of Infrastructure Projects.

6. Implement or cause to be implemented, all environmental mitigation required in association with the construction, operation and maintenance of Infrastructure Projects.

7. Prior to advertising Infrastructure Projects for public works construction contract, obtain all necessary permits, licenses, agreements, approvals, rights of way, rights of entry, encroachment permits, and temporary construction easements as may be needed to construct, operate and maintain the Infrastructure Projects.

8. Advertise, award and administer a public works construction contract for the Infrastructure Projects pursuant to the provisions of applicable laws for public works of improvements, including but not limited to the California Public Contract Code, Government Code and Labor Code.

9. Shall certify and cause its contractor to certify, that it is not a target of economic sanctions imposed in response to Russia's actions in Ukraine imposed by the United States government or the State of California. The Subrecipient and its Contractor is required to comply with the economic sanctions imposed in response to Russia's actions in Ukraine, including with respect to, but not limited to, the federal executive orders identified in California Executive Order N-6-22, located at <https://www.gov.ca.gov/wp-content/uploads/2022/03/3.4.22-Russia-Ukraine-Executive-Order.pdf> and the sanctions identified on the United States Department of the Treasury website (<https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>). The Subrecipient and its Contractor is required to comply with all applicable reporting requirements regarding compliance with the economic sanctions, including, but not limited to, those reporting requirements set forth in California Executive Order N-6-22 for all parties with one or more agreements with the State of California, the County of Riverside, or any other local agency, with a value of Five Million Dollars (\$5,000,000) or more. Notwithstanding any other provision in

these documents, failure to comply with the economic sanctions and all applicable reporting requirements may result in disqualification or termination of the Construction Agreement, if awarded.

For parties and contractors with an agreement value of Five Million Dollars (\$5,000,000) or more with the State of California, the County of Riverside, or any other local agency, reporting requirements include, but are not limited to, information related to steps taken in response to Russia's actions in Ukraine, including but not limited to:

- a. Desisting from making any new investments or engaging in financial transactions with Russian institutions or companies that are headquartered or have their principal place of business in Russia;
- b. Not transferring technology to Russia or companies that are headquartered or have their principal place of business in Russia; and
- c. Direct support to the government and people of Ukraine.

To comply with this requirement, Subrecipient and its contractors shall insert their name and Federal ID Number (if available) on the Certification Form attached hereto, execute by a duly authorized representative for the contractor and return to the County.

10. The Subrecipient shall require, and the specifications, bid and contract documents shall require all contractors, subcontractors, vendors, equipment operators and owner operators, in each such case to the extent such individuals or entities are engaged to perform work on the Infrastructure Projects, to pay at least general prevailing wage rates to all workers employed in the execution of the contract, to post a copy of the general prevailing wage rates at the job-site in a conspicuous place available to all employees and applicants for employment, and to otherwise comply with applicable provisions of the California Labor Code and applicable laws relating to general prevailing wage rates.

11. Each contractor engaged to perform work on the Infrastructure Projects shall be required to furnish (i) labor and material payment bonds, and (ii) contract performance bonds, each in an amount equal to 100% of the contract price naming the Recipient as obligee and issued by a California admitted surety which complies with the provisions of Section 995.660 of the California Code of Civil Procedure.

12. Provide COUNTY with written notice that Subrecipient has awarded a public works construction contract for Infrastructure Projects. The written notice shall include the Contractor's actual bid amounts for Infrastructure Projects, setting forth herein the lowest responsible bid contract amount.

13. Prior to commencing Infrastructure Projects construction, provide to County:

- a. A construction schedule which shall show the order and dates in which Subrecipient or Subrecipient's contractor proposes to carry on the various parts of work, including estimated start and completion dates, and
- b. A confined space procedure specific to Infrastructure Projects. The procedure shall comply with requirements contained in California Code of Regulations, Title 8, Section 5156 et seq. and County's Confined Space Procedures, SOM-18.

14. Require its construction contractor(s) to comply with all Cal/OSHA safety

regulations including regulations concerning confined space and maintain a safe working environment for all working on the site.

15. Order the relocation of all utilities within Subrecipient rights of way which conflict with the construction of Infrastructure Projects and which must be relocated at the expense of who may have superior property rights.

16. Procure or caused to be procured insurance coverages during the term of this Agreement. Subrecipient shall require its Infrastructure Projects construction contractor(s) to furnish original certificate(s) of insurance and original certified copies of endorsements and if requested, certified original policies of insurance including all endorsements and any and all other attachments. Prior to Subrecipient issuing a Notice to Proceed to its construction contractor(s) to begin construction of Infrastructure Projects, an original certificate of insurance evidencing the required insurance coverage shall be provided to County. At minimum, the procured insurance coverages should adhere to the County's required insurance provided in **Attachment D** to this Agreement.

17. Construct, or cause to be constructed, Infrastructure Projects pursuant to a Subrecipient administered public works construction contract, in accordance with the Plans, and pay all costs associated therewith.

18. Inspect Infrastructure Projects construction or cause Infrastructure Project's construction to be inspected by its construction manager and pay all costs associated therewith.

19. Provide County with a copy of the Subrecipient's recorded Notice of Completion.

20. Keep an accurate accounting of all Infrastructure Projects cost and provide this accounting to County with Subrecipient's Notice of Completion. The final accounting of construction cost shall include a detailed breakdown of all costs, including, but not limited to, payment vouchers, Subrecipient approved change orders and other such construction contract documents as may be necessary to establish the actual cost of construction for the PLANS. Subrecipient shall be responsible to pay any amounts in excess of Award amount provided in this Agreement.

21. Refund to County, at the time of providing a Notice of Completion, any unexpended portions of Award amount within thirty (30) days of the Notice of Completion is filed for recordation.

**COMPLIANCE WITH ECONOMIC SANCTIONS IN RESPONSE TO RUSSIA’S ACTIONS
IN UKRAINE**

Prior to bidding on, submitting a proposal, or executing a contract, a party/contractor must certify: 1) it is not a target of economic sanctions and 2) in compliance with economic sanctions imposed by the U.S. government in response to Russia’s actions in Ukraine, as well as any requirements related to the Russian sanctions imposed by the California Governor’s Executive Order N-6-22 issued on March 4, 2022 and under state law, if any.

To comply with this requirement, please insert the party/contractor name and Federal ID Number (if available), complete the information described below and execute by an authorized representative of the contractor.

CERTIFICATION

I, the authorized representative for contractor named below, certify I am duly authorized to execute this certification on behalf of the contractor below, and the contractor identified below has conducted a good faith review of existing contracts. I attest that the contractor is not a target of economic sanctions, and that contractor is in compliance with the economic sanctions imposed by the U.S. government in response to Russia’s actions in Ukraine, as well as any requirements related to the Russian sanctions imposed by the California Governor’s Executive Order N-6-22 issued on March 4, 2022 and under state law, if any.

| | | |
|---|--|-----------------------------------|
| <i>Party/Contractor Name (Printed)</i> | | <i>Federal ID Number (or n/a)</i> |
| <i>By (Authorized Signature)</i> | | |
| <i>Printed Name and Title of Person Signing</i> | | |
| <i>Date</i> | | |



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 29, 2022**

Item 9

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Board Discussion and Possible Action Regarding Well Drilling Activities at Assessor's Parcel Number 401-190-002 (9154 Lilac Lane)**

Staff Recommendation

Direct staff as desired.

Background

On Sunday, September 18, 2022, District staff observed a drill rig staged at Assessor's Parcel Number (APN) 401-190-002, further identified as 9154 Lilac Lane (see Attachment 1 – Vicinity Map). Monday, September 19, 2022, District staff performed research to verify that the parcel is within the District's service boundary and is currently served by the District. Additionally, District staff contacted Riverside County Department of Environmental Health (County) to determine if a permit was issued for the subject property. Subsequently, the County provided District staff with a copy of the permit for a proposed well on the property (See Attachment 2 – County Approved Well Permit #WP0030804, August 16, 2022).

Based on the research performed and information gathered, District staff prepared a letter (See Attachment 3 – Well Drilling at 9154 Lilac Lane) to the permit applicant which identifies:

"The District owns the surface and subsurface water rights in certain portions of the District. Within these areas, it shall be a violation of these regulations to construct or operate a water producing well for any purpose without first obtaining written permission to do so from the District's Board. It shall be the obligation of the property owner to make written application for a determination that the property where a well is proposed to be drilled is or is not subject to this provision."

and

Per District Rules and Regulations, Section 7 (7-1) service may be terminated based upon:

1. *Violation of these Regulations; or*
2. *...;*
3. *Unauthorized use of water or of the water system;...*

District staff received notification that the letter was delivered to the permit applicant on Tuesday, September 20, 2022 and had conversations with said property owner and said property owner's son on Thursday September 22, 2022, Friday September 23, 2022, and Monday September 26, 2022 regarding this matter and the District's position about same.



Through the course of the week between Tuesday, September 20 and Friday, September 23, District staff reached out to the County regarding the issuance of the permit and also measured the distance from its existing Well #5 and the proposed well.

Through further investigation and research by District staff, a title report for the subject property was obtained by District staff for said property which identify that when Beaumont Land and Water Company (BLWC) sold the parcels within this portion of Cherry Valley, the rights to surface and subsurface waters were retained by the BLWC and/or its successors. Language from the grant deed(s) in this area reads as follows:

The said party of the first part expressly excepts and reserves from the above described tract of land, all surface and underground waters with the right to remove and divert the same from time to time or at any future time from said land, at any point or points above or below the same, by any means of diversion and to any place or places and also reserves the right to lay and maintain pipes, flumes or other conduits, in, over and across said land and abutting streets and alleys with the right to conduct water through the same, and also reserves the right to construct a line or lines of poles and wires for the transmission of electricity for signals, sound, light and power across and along said land and abutting streets and alleys; provided, however, that all such pipes, flumes and other conduits shall be laid beneath the surface of the ground and at such depth as not to interfere with the tilling of the soil and in such a manner as to do no permanent injury to the said property hereby conveyed and the improvements thereon, and that said poles and wires shall be located at such points and in such manner as to do no injury to any buildings or trees of said party of the second part and shall be located wherever possible, in the rear of any residences that may at that time be constructed upon said real estate; and this conveyance is made upon the express condition that said first part, its successors and assigns, shall have the right of entry upon said land now and at all times hereafter for said purposes. The said party of the second part hereby covenants

In addition, the grant deed(s) identify that purchaser of the land:

for her and her heirs, successors and assigns as a covenant running with the land that she will not assert or claim any right to said waters as riparian owners or otherwise, nor any right at any time to said waters by adverse use as against said party of the first part, or its successors or assigns.

Furthermore, each of the grant deeds pertaining to the subject parcel identify particular conditions, restrictions, and provisions. The below are two conditions which are water related:



6. That no sewage, offal or refuse shall be allowed to contaminate or pollute any of the waters on or in said premises, or the canyons, springs or arroyos contiguous thereto.

8. That no machinery nor mechanical device nor apparatus for pumping water, nor any pumping plant of any kind, nor any factory of any kind shall ever be erected, operated or maintained on said premises or any part thereof.

Based on the above, the District's position remains that parcels within this portion of Cherry Valley (amongst other areas) and within the District's service boundary do not have surface and/or subsurface water rights.

As such, District staff has requested that the County evaluate issuance of this particular well permit and require the applicant to abandon and destroy work that has been completed as part of the proposed well.

The parcel does currently receive service from the District and based on Section 7 of the District's Rules and Regulations, service may be terminated due to direct violation of the District's regulations.

District staff desires to discuss this matter further with the Board of Directors and seeks direction.

Fiscal Impact

Undetermined at this time.

Attachments:

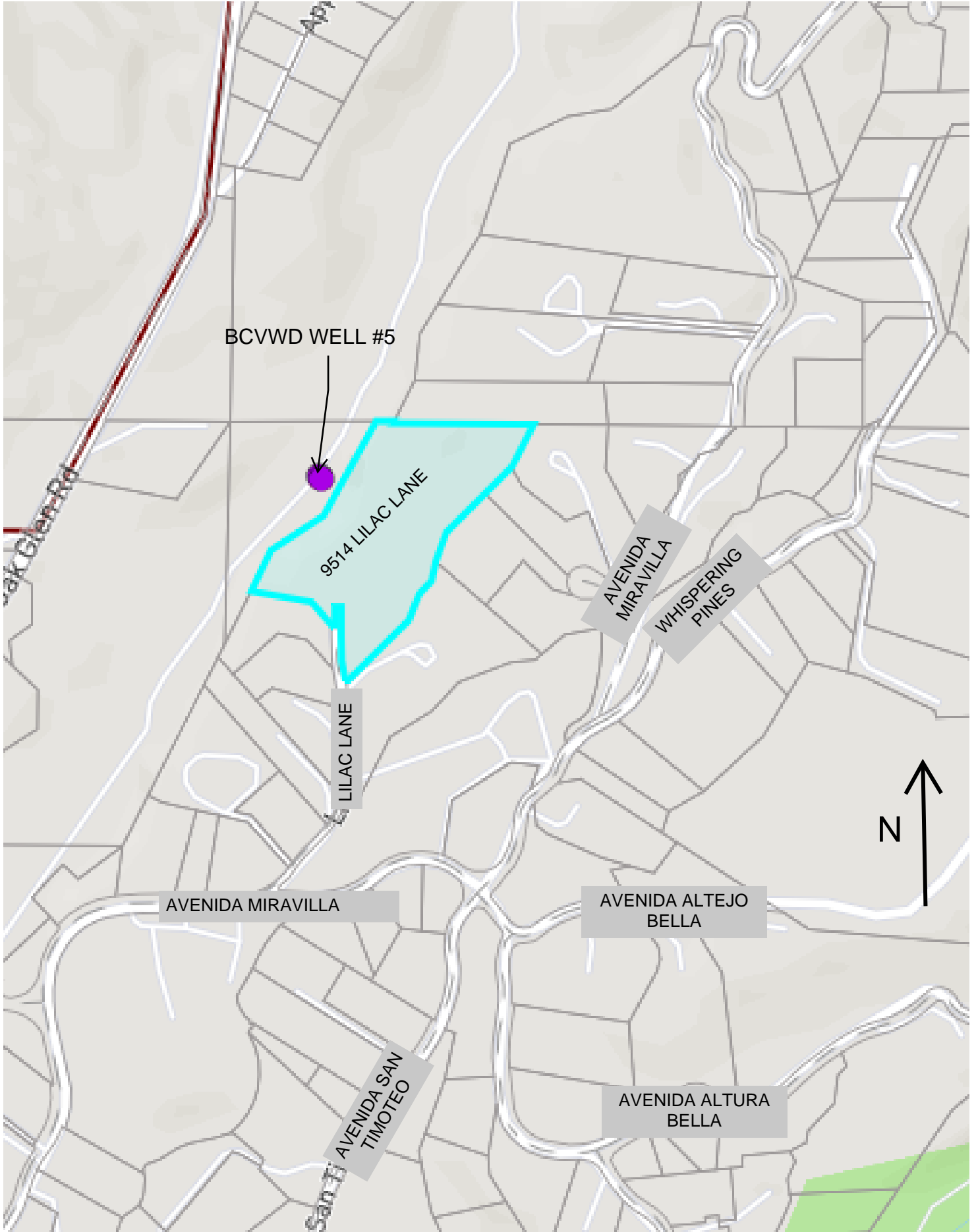
Attachment 1 – APN 401-190-002 (9154 Lilac Lane) Vicinity Map

Attachment 2 – County Approved Well Permit #WP0030804, August 16, 2022

Attachment 3 – Well Drilling at 9154 Lilac Lane Letter, September 19, 2022

Staff Report prepared by Mark Swanson, Director of Engineering, and Dan Jagers, General Manager

ATTACHMENT 1 - APN 401-190-002 (9154 LILAC LANE) VICINITY MAP





County of Riverside
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 www.rivcoeh.org

Well Drilling Permit

ALL ELECTRICAL, PLUMBING, MECHANICAL, AND STRUCTURAL REPAIRS AND INSTALLATIONS SHALL BE DONE UNDER PERMIT FROM RIVERSIDE COUNTY DEPT. OF BUILDING AND SAFETY.

WP# : WP0030804
 Approved Date : 08/16/2022
 Expiration Date : 08/16/2023
 Fee : \$ 549.00
 (Non-refundable)

This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force. (This is not a permit to operate a water system.)

APN: 401-190-002 Sec 23 ; T 2S ; R 1W

PERMIT DESCRIPTION : Well Permit - Individual

PHYSICAL ADDRESS/LOCATION OF WELL : 9154 Lilac Lane Cherry Valley, CA 92223-

OWNER : Sylvia Kohler
 9154 Lilac Lane
 Cherry Valley CA 92223-

DRILLER : John A Vickery
 COUNTY REGISTRATION # : PI00001098
 PHONE # : (760) 403-8810

Note: It is the owner's responsibility to verify that a Driller's C-57 license is current with the California Contractors State Licensing Board.

Rpt. 5556, ver: 06/15

Distribution: Environmental Health : Owner; Well Driller; Consultant



County of Riverside
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 www.rivcoeh.org

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PERMIT DESCRIPTION : Well Permit - Individual

PHYSICAL ADDRESS/LOCATION OF WELL : 9154 Lilac Lane Cherry Valley, CA 92223-

OWNER : Sylvia Kohler
 9154 Lilac Lane
 Cherry Valley CA 92223-

DRILLER : John A Vickery
 COUNTY REGISTRATION # : PI00001098
 PHONE # : (760) 403-8810

Note: It is the owner's responsibility to verify that a Driller's C-57 license is current with the California Contractors State Licensing Board.

Rpt. 5556, ver: 06/15

Distribution: Environmental Health : Owner; Well Driller; Consultant

Could not find Riv Co Registration No. Pl?



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

4769

www.rlvcoeh.org
WATER WELL APPLICATION

R#7301

OFFICE USE ONLY

WP: 0030804 / Expiration:

WATER WELL DESIGN

| | |
|---|---|
| TYPE OF WORK: <input checked="" type="checkbox"/> New <input type="checkbox"/> Reconstruction <input type="checkbox"/> Destruction Describe reconstruction or destruction method on the lines below. | TYPE OF WELL: <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Agricultural <input type="checkbox"/> Community <input type="checkbox"/> Other: _____ Type of Rlg: <u>D-25 Drilled</u> |
| Method: <u>Rotary/Air</u> | |

| ANNULAR SEAL Depth (ft) <u>25'</u> Borehole Diam. (In) <u>10"</u> Conductor Diam. (in) <u>10"</u> Annular Thickness (In) <u>1.88"</u> Sealing Material <u>gravel/concrete</u> <u>10 gal/s - slurry mix</u> | DEPTH OF WELL Proposed (ft) <u>400'</u> Existing (ft) <u>N/A</u> Diameter of Bore (In) <u>10"</u> | WELL CASING: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> PVC <input type="checkbox"/> Other: _____ <table border="1"> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Dia. (In.)</th> <th>Wall (Gage)</th> </tr> <tr> <td>0'</td> <td>400'</td> <td>6"</td> <td>188</td> </tr> </table> GRAVEL PACK: <input type="checkbox"/> Yes <input type="checkbox"/> No From 0 to 375' ft. | From (ft.) | To (ft.) | Dia. (In.) | Wall (Gage) | 0' | 400' | 6" | 188 |
|---|---|--|-------------|----------|------------|-------------|----|------|----|-----|
| From (ft.) | To (ft.) | Dia. (In.) | Wall (Gage) | | | | | | | |
| 0' | 400' | 6" | 188 | | | | | | | |

Wellhead GPS Coordinates (Decimals):

Latitude 33° 59' 40.4" N Longitude 116° 52' 09.8" W

Must meet Setbacks ord 682

| | | | |
|----------------------|---|---------------------------------------|------------------------|
| PROPERTY INFORMATION | Township/Range/Section <u>Cherry Valley</u> | Lot Size <u>6.87 Acres</u> | APN <u>401-190-002</u> |
| | Street Address <u>9154 Hilad Ln</u> | City <u>Cherry Valley</u> | Zip Code <u>92223</u> |
| PROPERTY OWNER | Name <u>Sylvia Kohler</u> | | |
| | Mailing Address <u>9154 Hilad Ln</u> | | |
| | City <u>Cherry Valley</u> | State <u>CA</u> | Zip Code <u>92223</u> |
| WELL DRILLER | Name <u>John A. Vidrey</u> | | |
| | Riv Co Registration No. <u>1078</u> | C-57 License No. <u>1090809</u> | |
| | Phone <u>760-403-8810</u> | E-mail <u>trouble195815@gmail.com</u> | |

I have read the entire application and agree to comply with all laws regulating the type of work being performed.

Driller's Signature: John A. Vidrey Date: 7-24-22

I declare under penalty of perjury under the laws of the State of California that the information furnished as part of this application is true and correct. I also understand that I am legally obligated to obey all requirements of state law and Riverside County Ordinances in connection with the approval of this application.

Property Owner's Signature: Sylvia Kohler Date: 7-24-22

PROJECT STATUS

Approved Denied

Notify the Department 48 hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing;
- After installation of the surface protective slab and pumping equipment;
- During destruction of wells, prior to pouring the sealing material.

Other: _____

Submit to the Department within sixty (60) days after completion of work, a copy of Water Well Driller's Report (DWR 188).

Note: Properties located within an Adjudicated Basin or within Water District boundaries may be subject to restriction or usage as determined by the Water Master or District agreements.

REHS Signature: [Signature] Date: 8/5/22

DISCLAIMER

It is the responsibility of the applicant to ensure that their project conforms with all applicable rules and regulations included but not limited any conditions set forth by the Regional Water Quality Control Board (RWQCB).

RWQCB Contact Information

Colorado RWQCB - (760) 346-7491

San Diego RWQCB - (619) 516-1990

Santa Ana RWQCB - (951) 782-4130

For our office locations call us at (888) 722-4234 or visit our website at www.rlvcoeh.org

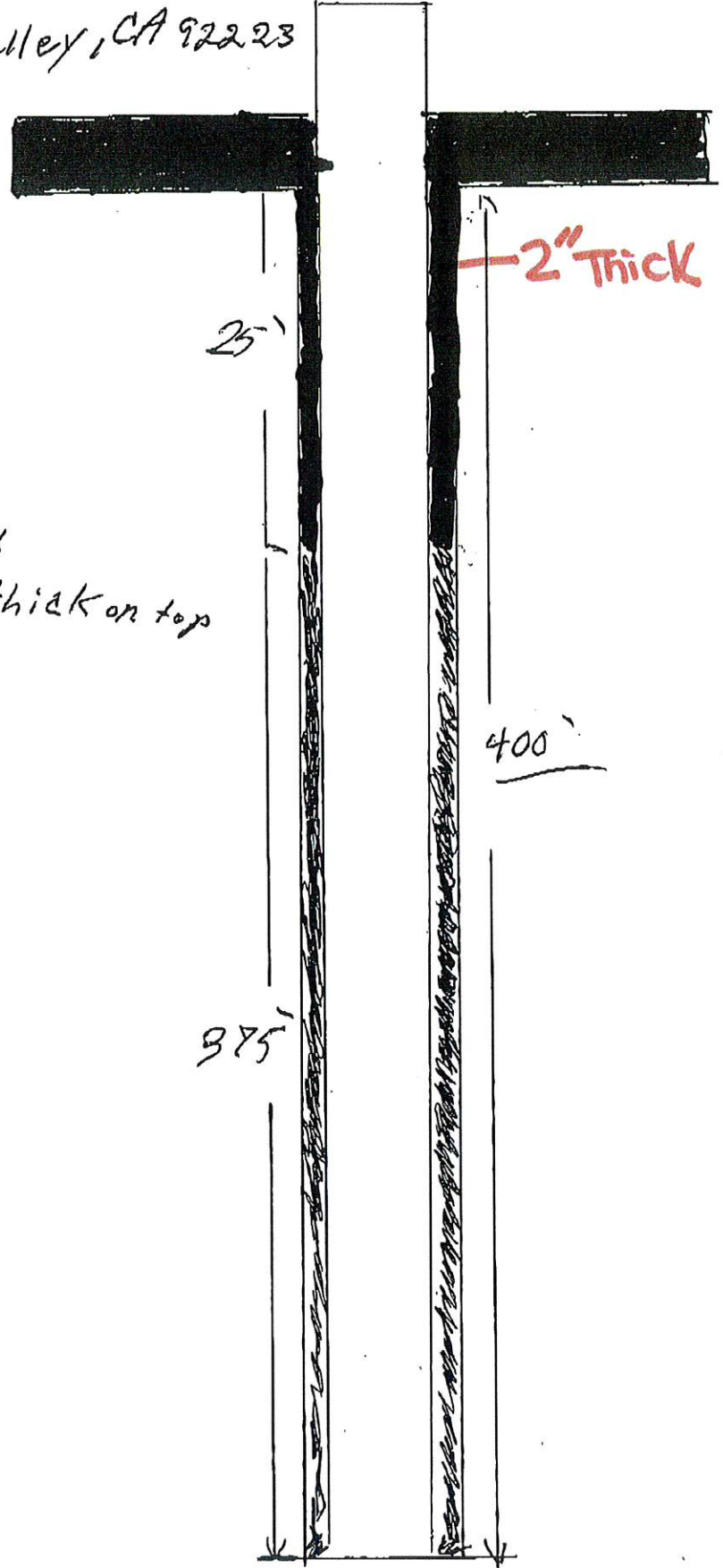
9154 Lilac Ln
Cherry Valley, CA 92223

{ Drilling Method:
Rotary Air }

gravel pack up to 375'

25' seal-10-sack slurry mix

6' x 6' concrete seal 6" thick on top



25'

2" Thick

400'

375'



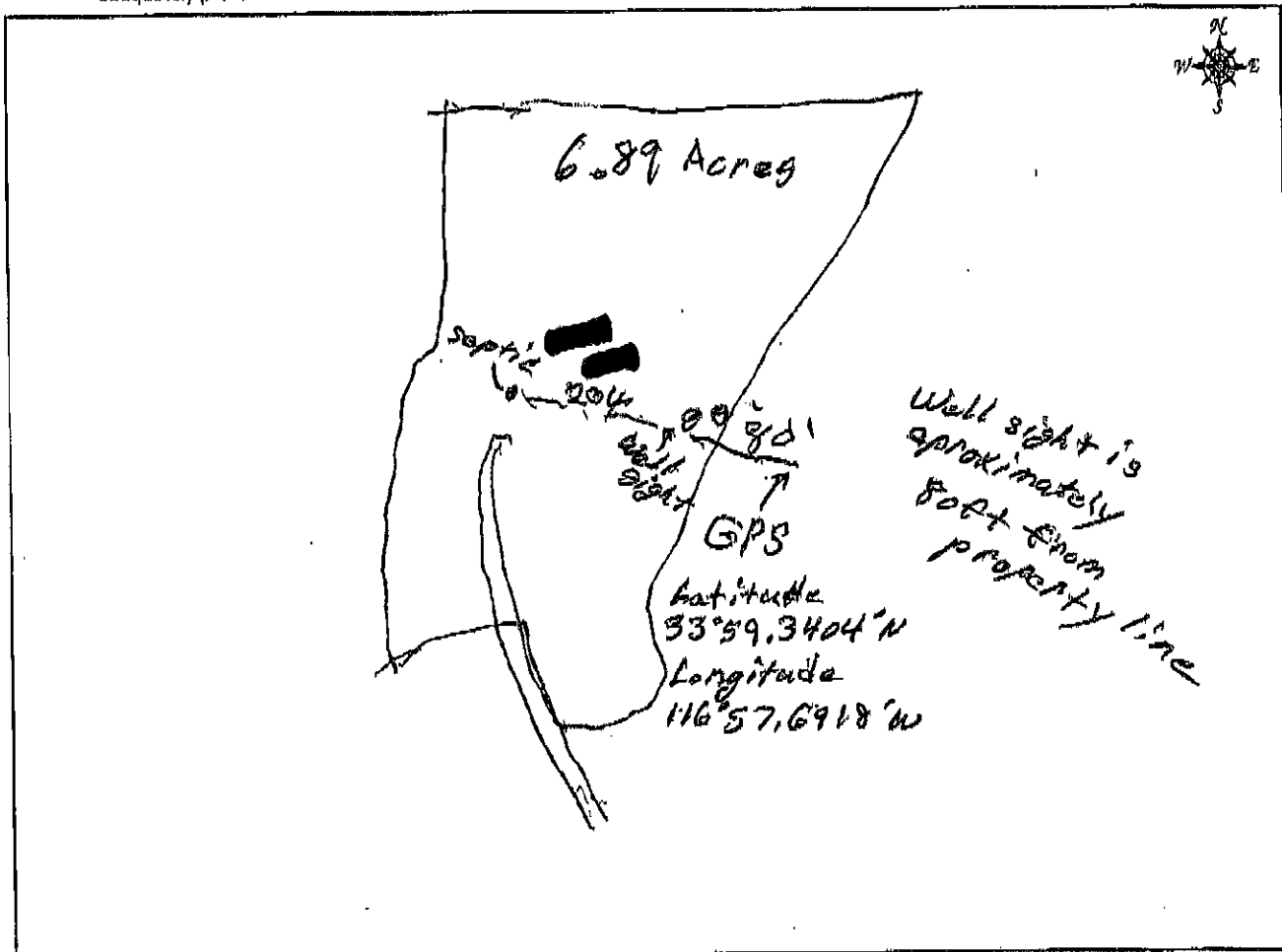
County of Riverside DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

PLOT PLAN

The following information must be shown on this Plot Plan in order to process this permit application.

1. The plot plan below shall show the proposed well location with respect to the following items with a radius of five hundred feet (500') from the well:
 - a. Property lines, including ownership
 - b. Sewage or waste disposal systems, including reserved waste disposal expansion areas, or works for carrying or containing sewage or waste
 - c. Location of underground storage tank(s)
 - d. All intermittent or perennial, natural, or artificial bodies of water or watercourses
 - e. The approximate drainage pattern of the property
 - f. Other wells, including abandoned wells
 Note: All abandoned wells on this property must be properly destroyed before a new well permit will be issued.
 - g. Access road(s) to the well site
 - h. Structures - Proposed use and all plumbing fixtures
2. Location of the property on a vicinity map
3. Legal description of property including Assessor's Parcel Number
4. Location and classification of any potential sources of contamination within two thousand feet (2000') of the proposed well such as solid, liquid, or hazardous waste disposal sites or municipal and individual package sewage treatment plants.
5. Animal corrals and pens
6. Other information that has been requested by the Department of Environmental Health to determine if the groundwaters will be adequately protected



For our office locations call us at (888) 722-4234 or visit our website at www.rivcoeh.org



County of Riverside DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

STORMWATER & DISCHARGE MANAGEMENT PLAN FOR WATER WELLS

Well APN 9021-401190002

WELL SITE ASSESSMENT

- | | | |
|---|---|--|
| 1. Are there any watercourses or water bodies within 50 feet of the limits of soil disturbance? | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |
| 2. Are there locations onsite where runoff may enter storm drains and/or receiving waters? | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |
| 3. Is grading required to access site or install well? | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |
| 4. Does the project conform with the local grading ordinance? | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 5. Will drilling additives be used to drill the well? | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 6. Will the driller be using the Best Management Practices per the appropriate Regional Board? | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |

BEST MANAGEMENT PRACTICES

The goal of stormwater and discharge control management planning while drilling and installing wells is to reduce pollution to the maximum extent practicable using Best Management Practices (BMPs). Construction related materials, sediments, chemical residues such as drilling foam, wastes and spills must be retained within the property boundaries to eliminate transport from the site to nearby streets, drainage courses, receiving water and adjacent properties. It is the responsibility of the property owner and the contractor to determine which BMPs will be used in order to ensure that all contaminants are retained on-site.

Examples of BMPs to contain well installation run-off include, but are not limited to, installation of a sediment basin to contain run-off, using geotextile fabric to contain sediments and drilling mud or eliminating the use of drilling foam. Please review the appropriate guidelines from the governing Regional Water Quality Control Board.

Colorado RWQCB (760) 346-7491

Santa Ana RWQCB (619) 516-1990

San Diego RWQCB (951) 782-4130 - Additional information on BMPs is available at www.projectcleanwater.org

Riverside County also provides guidance at <https://rcwatershed.org/programs/>

CERTIFICATION

- I am aware that it is my responsibility to comply with any and all regulations related to this well permit including applicable requirements of the appropriate RWQCB.
- BMPs will be implemented so that water quality is not negatively impacted by well construction activities.
- I am aware that the BMPs must be installed, maintained, monitored, and revised as necessary so they are effective.
- Riverside County Department of Environmental Health Staff (DEH) and personnel from other regulatory agencies are authorized to enter my property at any time for the purposes associated with this well permit until such time as the well is completed to the satisfaction of DEH.
- Should DEH staff determine during the field review that the well installation procedures contradict the well permit application or that BMPs are not being followed, the well drilling permit may be suspended or revoked.

SIGNATURES

CONTRACTOR

John Kelly

DATE

8-4-22

PROPERTY OWNER

John Kelly

DATE

8-4-22

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DEPARTMENT OF ENVIRONMENTAL HEALTH

Land Use & Water Resources

Well Drilling / Destruction Permit
Inspection Findings

Well Permit No.: _____

Date: _____

Permit Type:

- Individual, Community, Agricultural, Destruction, Industrial, Monitoring, Cathodic, Horizontal, Industrial, Other

Pre Site Inspection:

- Site Plan Correct

Date, Arrival Time, Inspector, Departure Time

Annular Seal Inspection:

- Seal Depth, Annular Seal Thickness, Community Well Annular Seal Thickness

Date, Arrival Time, Inspector, Departure Time

Seal Placement:

- Tremie Pipe - Pumped, Tremie Pipe - Poured, Use of Hollow Stem Auger, Pour & Hydrate Bentonite chips

Seal Material:

- Bentonite Chips, Cement / Bentonite Grout, 6 Sack Cement, Bentonite Grout, 10 Sack Cement / Sand Mix, Other

Surface Features Inspection:

- Well Cap - Watertight, Sample Tap - Location OK, Bacti Sample Collected, Chemical Sample Collected, Check Valve Present, Flowmeter, Bacti Re-sample, Chemical Re-sample, Vent Screened, Traffic Box, CI 2 Residual, Community Wells

Date, Arrival Time, Inspector, Departure Time

Destruction Inspection:

Date, Arrival Time, Inspector, Departure Time

Destruction Method as Described on Application:

Comments:



September 19, 2022

Board of Directors

Andy Ramirez
Division 1

Lona Williams
Division 2

Daniel Slawson
Division 3

John Covington
Division 4

David Hoffman
Division 5

Sylvia Kohler
9154 Lilac Lane
Cherry Valley, CA 92223

Private Well Drilling at 9154 Lilac Lane (APN 401-190-002)

Dear Ms. Kohler,

On September 19, 2022, a drill rig was physically observed on the west side (near Edgar Canyon) of your property.

First, you are advised that the District holds water rights to water flows in Edgar Canyon. In addition, it is a direct violation of District Rules and Regulations, Section 9 for properties within the District's Service Boundary to drill a well without written permission from the Board of Directors.

District Rules and Regulations, Section 9 (9-6b) provides:

The District owns the surface and subsurface water rights in certain portions of the District. Within these areas, it shall be a violation of these regulations to construct or operate a water producing well for any purpose without first obtaining written permission to do so from the District's Board. It shall be the obligation of the property owner to make written application for a determination that the property where a well is proposed to be drilled is or is not subject to this provision.

And,

Per District Rules and Regulations, Section 7 (7-1) service may be terminated based upon:

1. *Violation of these Regulations; or*
2. *...;*
3. *Unauthorized use of water or of the water system;...*

The District requests that you provide a permit or license issued by the State Water Resources Control Board which supports the drilling of the well based upon recognized water rights. Additionally, the District requests that all drilling activities be suspended until proof is provided that such rights exist.

Under Section 7 of the District's Rules and Regulations, the District reserves right to terminate your water service due to a direct violation of the District's Rules and Regulations.

This letter serves to provide notice that you are in direct violation of District Rules and Regulations and may be subject to further actions.

A handwritten signature in blue ink, appearing to read 'Daniel K. Jagers', with a long horizontal flourish extending to the right.

Daniel K. Jagers
General Manager

Beaumont-Cherry Valley Water District

☎ Tel: (951) 845-9581 x217 | Fax: (951) 845-0159

✉ Email: info@bcvwd.org