



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

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

*This meeting is hereby noticed pursuant to
California Government Code Section 54950 et. seq.*

Wednesday, September 13, 2023 - 6:00 p.m.
560 Magnolia Avenue, Beaumont, CA 92223

TELECONFERENCE NOTICE

*The BCVWD Board of Directors will attend in person at the BCVWD
Administrative Office and/or via Zoom video teleconference pursuant to
Government Code 54953 et. seq.*

To access the Zoom conference, use the link below:

<https://us02web.zoom.us/j/84318559070?pwd=SXlzMfZCMGh0YTFIL2tnUGlpU3h0UT09>

*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*

*BCVWD provides remote attendance options primarily as a matter of
convenience to the public. Unless a Board member is attending
remotely pursuant to provisions of GC 54953 et. seq., BCVWD will not
stop or suspend its in-person public meeting should a technological
interruption occur with respect to the Zoom teleconference or call-in
line listed on the agenda. Members of the public are encouraged to
attend BCVWD meetings in person at the above address, or remotely
using the options listed.*

Meeting materials are available on the BCVWD website:

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

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BCVWD REGULAR MEETING – SEPTEMBER 13, 2023

Call to Order: President Hoffman

Pledge of Allegiance: Director Ramirez

Invocation: Director Williams

Announcement and Verification of Remote Meeting Participation Pursuant To AB 2449 or GC 54953(b)

Roll Call

Roll Call - Board of Directors

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

Public Comment

PUBLIC COMMENT: RAISE HAND OR PRESS *9 to request to speak when prompted. If you are present in the Board Room, please fill out a Request to Speak card and deliver it to the Recording Secretary.

At this time, any person may address the Board of Directors on matters within its jurisdiction. 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 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.

- a. Item(s) to be removed or continued from the Agenda
- b. Emergency Item(s) to be added to the Agenda
- c. Changes to the order of the agenda

2. Reports / Presentations / Information Items

Reports from consultants, contractors, or staff. Presentations or handouts must be provided to the Board members in advance of the Board meeting. Presentations should be limited to no longer than five minutes.

The Board may receive and file the following reports with one motion:

- a. Townsend Public Affairs, Inc. August Monthly Update (pages 6 - 13)
- b. Chandler Quarterly Report (pages 14 - 55)
- c. Grant Activity Quarterly Update (pages 56 - 60)
- d. Electric Cost Analysis Quarterly Update (pages 61 - 66)
- e. Review of District Contract Expenditures in Fiscal Year 2023 (pages 67 -70)
- f. California Water Supply Report (pages 71 - 75)
- g. Legislative Action and Issues Update (pages 76 - 102)

BCVWD REGULAR MEETING – SEPTEMBER 13, 2023 - *continued*

ACTION ITEMS

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

3. **Consent Calendar:** All matters listed under the Consent Calendar are considered by the Board of Directors to be routine and may be approved in one motion. There will be no discussion of these items prior to the time the Board considers the motion unless members of the Board, the administrative staff, or the public request specific items to be discussed and/or removed from the Consent Calendar.
 - a) Review of the July 2023 Budget Variance Reports (pages 103 - 108)
 - b) Review of the July 31, 2023 Cash/Investment Balance Report (pages 109 - 134)
 - c) Review of Check Register for the Month of August 2023 (pages 135 - 156)
 - d) Review of August 2023 Invoices Pending Approval (pages 157 - 158)
 - e) Approval of Minutes of the Regular Meeting of July 27, 2023 (pages 159 - 167)
 - f) Approval of Minutes of the Regular Meeting of August 9, 2023 (pages 168 - 179)
 - g) Resolution 2023-__ Amending the District's Policies and Procedures Manual to add Policy 5047: Pension Funding, and
Resolution 2023-__ Electing to Participate in the California Employers' Pension Prefunding Trust Program, Adopting the Agreement and Election to Prefund Employer Contributions to a Defined Benefit Pension Plan, and Authorization for Execution of Related Documents (pages 180 - 200)
4. **PUBLIC HEARING: Resolution 2023-__:** California Environmental Quality Act and Adopting Initial Study Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the 2020-2021 Replacement Pipelines Project (pages 201 - 363)
5. **PUBLIC HEARING: Resolution 2023-__:** California Environmental Quality Act and National Environmental Policy Act Draft Initial Study Mitigated Negative Declaration / Environmental Assessment and Finding of No. Significant Impact for the B Line Replacement Pipeline Project (pages 364 - 531)
6. **Beaumont Master Drainage Plan Line 16 Replacement Pipelines 1-6 Project Cost Update and Notice of Completion** (pages 532 - 535)
7. **Request for Will Serve Letter and Approval of Annexation for Beaumont Energy Storage Project, Riverside County Assessor's Parcel No. 417-110-012, 417-130-012, and 417-130-005 (248 Veile Avenue, City of Beaumont)** (pages 536 - 544)
8. **Review of Policy 5095 District Residences and Facility Emergency Policy** (pages 545 - 552)
9. **Grand Avenue Pavement Repair Project Cost Update and Notice of Completion** (pages 553 - 555)
10. **Second Amendment to HR Dynamics & Performance Management Consulting Agreement for 2023** (pages 556 - 580)

11. Consideration of Attendance at Upcoming Events and Authorization of Reimbursement and Per Diem (pages 581 - 585)

12. Reports For Discussion and Possible Action

a. Ad Hoc Committees

- i. Communications
- ii. Sites Reservoir
- iii. Water Re-Use 3x2

b. 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 pre-approval status) will provide a brief report following attendance.

- o Urban Water Institute 29th Annual Water Conference on August 23-25, 2023 (Ramirez and Slawson)
- o Collaborative Agencies Committee Meeting on September 6, 2023 (Ramirez)
- o Ribbon Cutting Event MDP Line 16 on September 7, 2023 (Covington, Hoffman, Ramirez, Slawson and Williams)
- o Beaumont Chamber of Commerce Breakfast on September 8, 2023 (Covington, Hoffman, Slawson and Williams)

c. General Comments

d. General Manager's Report

e. Legal Counsel Report

13. Topic List for Future Meetings

- Update / presentation on the AMR / AMI project
- Presentation on the San Bernardino Valley Resource Conservation District
- Presentation on solar power opportunities
- Sites Reservoir update

14. Announcements

Check the meeting agenda for location and potential teleconference information.

- Personnel Committee Meeting: Tuesday, Sept. 19 at 5:30 p.m.
- **Engineering Workshop: Special Meeting Tuesday, Sept. 26 at 6 p.m. (NOTE DATE CHANGE)**
- San Gorgonio Pass Regional Water Alliance: Wednesday, Sept. 27 at 5 p.m.
- Engineering Workshop: Thursday, Sept. 28 – CANCELED (See Sept. 26)
- Beaumont Basin Watermaster Committee: Wednesday, Oct. 4 at 11 a.m.
- Finance & Audit Committee meeting: Thursday, Oct. 5 at 3 p.m.
- Regular Board Meeting: Wednesday, Oct. 11 at 6 p.m.

15. 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") during business hours, Monday through Thursday from 7:30 a.m. to 5 p.m. 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 or within 24 hours' 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 Government Code §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)).

MEMORANDUM

To: Beaumont Cherry Valley Water District
From: Townsend Public Affairs
Date: September 6, 2023
Subject: August 2023 Monthly Report

STATE UPDATES

The first half of August was quiet on the state legislative front with the Legislature adjourned for Summer Recess. Despite the lack of legislative activity, the Summer Recess was a critical time for behind-the-scenes negotiations on bills and final budget activity as the Legislature geared up to tackle the last month of the legislative session. Upon resuming the legislative session on August 14, the Legislature had 1,231 measures to consider before adjourning for the Interim Recess on September 14.

During the last two weeks of August, Assembly and Senate Appropriations Committees considered legislation that originated in the opposite house and have an unabsorbable fiscal impact to the state. Typically, any bill with a fiscal impact exceeding \$150,000 is placed on the fiscal committee's Suspense File. Measures placed on the suspense file will face consideration during the Appropriation Committees' "suspense hearing" on September 1. These hearings feature the rapid reading of measures and their status. Bills passed out of the Suspense File are moved to each House Floor for a final vote. At this point, each house must pass bills off the Floor by the September 14 deadline.

Constitutional Amendment on Local Tax Measure Update

[ACA 13](#) (Ward) passed the Assembly Elections Committee in mid-August on a 5-2 vote and progresses to the Assembly Appropriations Committee. The measure requires an initiative constitutional amendment to comply with any increased voter approval threshold that it seeks to impose on future ballot measures. Additionally, the measure guarantees in the state constitution the ability of local governments to submit advisory questions to voters.

This measure was introduced in response to the Taxpayer Protection and Government Accountability Act, which seeks to raise vote threshold requirements for the passage of state and local tax measures and imposes a stringent burden of proof standard that local governing bodies must meet when modifying or increasing all taxes and fees by justifying their use, need, and duration. The measure has qualified for the November 2024 ballot and is sponsored by the California Business Roundtable and its affiliates. If effectively passed, it would make it extremely difficult for local governments to maintain existing tax revenues and modify them in the future.

During the hearing, members debated the potential impacts of the measure. Lead opponent of the measure, the Howard Jarvis Taxpayers Association, argued that the measure would have impacted the feasibility of passing the Taxpayer Protection Act, and thus, would impact the

feasibility of raising the voter threshold for local citizen initiative special taxes to a two-thirds vote, which was overturned and reinstated to be a simple majority vote by the Courts in the recent [Upland](#) decision.

Ultimately, the Author noted that this measure does not impact current tax rates, nor would it impact thresholds already established under Propositions 13 and 218, and that similar initiatives have already been implemented in other areas like the state of Oregon with little unintended consequences. Further, the Author noted that the measure is not meant to be interpreted to apply to all changes to voter approval thresholds, just measures that seek to increase voter approval thresholds above a simple majority.

The Author and proponents of this measure have made it clear that they intend to qualify this proposed constitutional amendment for the March primary election in order for it to impact the required voter approval threshold for the Taxpayer Protection and Government Accountability Act.

Senator Mike McGuire Announced as Pro Tempore Designee

During the last week of August, Senate President pro Tempore Toni G. Atkins announced that the Senate Democratic Caucus convened and determined that Senator Mike McGuire will be the Pro Tem Designee, with a transition to be announced next year. Senator McGuire has been integral to several legislative victories, including the 2022 climate package and the infrastructure streamlining package negotiated alongside this year's state budget. It is anticipated that leadership changes as well as new Committee seats will be announced next year after the Pro Tem transition. Due to term limits, Senator McGuire is eligible to serve as Senate President pro Tempore in the California Senate until 2026.

Before getting elected to the Senate, in 2004, Senator McGuire was elected to the Healdsburg City Council, where he spent six years, including time as the City's youngest mayor. In 2010, he became a member of the Sonoma County Board of Supervisors, before being elected to the California State Senate in 2014, and has served as Majority Leader since 2022. Senator McGuire currently serves Senate District 2, which encompasses parts of Northwestern California, and includes Del Norte, Humboldt, Lake, Marin, Mendocino, and Trinity Counties, and a majority of Sonoma County.

Clarification on Updates to Levine Act

SB 1439 (Glazer, Statutes of 2022) went into effect earlier this year. The new law requires local elected officials to recuse themselves from votes and discussions involving anyone who has contributed more than \$250 to their campaigns. The prohibition covers contributions made 12 months before and after the vote. A similar requirement already existed for officials appointed to local and state boards, but SB 1439 expanded California's Political Reform Act to include most elected officials as well. The Fair Political Practices Commission (FPPC) subsequently issued clarifying actions to prohibit the measure from applying retroactively before its enactment.

In response to its passage, a coalition of special interest groups filed a lawsuit alleging the law is overly broad, improperly alters the state's Political Reform Act, and infringes on free speech protections related to the right to petition governments. The plaintiffs behind the lawsuit included the Family Business Association of California, California Restaurant Association, California

Retailers Association, California Building Industry Association, California Business Properties Association, and the California Business Roundtable – all of which expressed their disappointment over the ruling.

The Fair Political Practices Commission, the state agency tasked with implementing and enforcing the law, served as the defendant in the case and was represented by the California Attorney General's Office. FPPC Chair Richard Miadich said the Commission has continued to work on establishing regulations to fully implement the law, despite the lawsuit, and plans to adopt those new rules in Summer of 2023.

New clarification for the law's application in local agency proceedings will go into effect on August 12, and include the following:

- *Individual Donations equal total donations:* The regulations clarify that the threshold for recusal can be met through combining the aggregate donation amounts from one individual to an elected official during a calendar year. This means that five separate donations of \$50 throughout the year would trigger the law's limitations.
- *Defining a "pending" proceeding item:* The new clarifying regulations state that a "pending" proceeding includes an upcoming agenda item, or when a reasonably foreseeable decision will come before the official and the official knows or has reason to know the decision is within the jurisdiction of the agency.
- *Threshold for willful contribution awareness:* The regulations further clarify that a "willful contribution" means any contribution that an official willfully or knowingly receives and has actual knowledge that the contribution came from someone with a connection to a pending proceeding or if specified facts exist. A contribution included in a campaign report does not meet these criteria unless the Official has context of its origins and connections to an upcoming proceeding.
- *Timelines for Disclosure:* If an elected official did not know about a contribution made in connection to a proceeding and finds out during the proceeding, the official must publicly disclose the contribution before further participation. The official may participate if the official discloses the disqualifying contribution on the record, confirms that the contribution will be returned within 30 days of when the official knew or should have known about the contribution, and the contribution is returned within that time.
- *Needing a Quorum:* In cases where the Levine Act would disqualify all or most members of a local agency from participating in a decision involving eminent domain, the new regulations clarify that the members may participate under these particular circumstances. However, the regulations warn that an absence is not a trigger for legally required participation in most instances.

FEDERAL UPDATES

Members of Congress spent the month of August enjoying the Congressional Recess in their Districts. Despite the lack of scheduled legislative activity, the month provided Congressional Leadership the opportunity to continue Fiscal Year 2024 Appropriations negotiations, given the fast approach of the September 30 budget deadline. In addition to the work on the appropriations front, the month of August featured notable action on priority grant programs for issues such as pedestrian safety, transportation, and clean energy. Below is an overview of pertinent federal actions from the month of August.

FY 24 Appropriations Update

During the August Recess, leadership in both chambers commented on the number one task at hand when session resumes in September: passing a budget. As the September 30 deadline to pass a budget is rapidly approaching, the need for a Continuing Resolution (CR) is expected to buy more time for congressional negotiators to work out a compromise.

On a Republican Caucus conference call over the August break, Speaker McCarthy stated that he expects a short-term stopgap funding measure to avoid a shut down. In the call Speaker McCarthy stated that he has already discussed with Majority Leader Schumer that any short-term stopgap could not run beyond early December. Some members of the Republican Caucus have voiced their opposition to a CR measure without being able to put their stamp on the measure, as the current budget was passed through a democratic majority congress.

House Republicans passed their Military Construction-VA spending bill, one of the 12 annual funding measure, before leaving for August recess. McCarthy told members he wants more floor votes on appropriations bills in September but did not indicate which ones at this time.

Senate Majority Leader Chuck Schumer indicated that he is supportive of passing a stop-gap spending bill in late September that lasts until early December, paving the way for a potential bipartisan agreement to avoid a government shutdown after September 30. Senate Majority Leader Schumer also endorsed the Biden Administration's request for an additional \$12 billion for Hawaii, in the wake of historic wildfires on the island of Maui. Although, he didn't commit to putting those funds in the stopgap that has to pass by the end of September.

Further complicating the dynamics of the budget process, is a provision included in the debt-limit deal enacted earlier this summer that will automatically cut all discretionary spending by 1% if Congress relies on a stopgap measure to fund any portion of the government beyond December 31.

The House and Senate will return after the Labor Day holiday, just weeks before the fiscal year deadline.

Escalating Government Shutdown Risk: Implications for Federal Reserve Policy, Economic Challenges, and U.S. Reputation

The risk of a government shutdown intensified in Washington in August, while potentially complicating Federal Reserve policy decisions and amplifying Fitch Ratings' concerns about self-inflicted harm to the U.S. economy's global reputation. The unresolved conflicts over spending and social issues, as Congress exits the August recess, raises concerns about a potential shutdown when federal funding expires after September 30. Fitch recently downgraded U.S.

debt's AAA status due to budget brinkmanship, leading Republicans to press President Joe Biden and Democrats for spending cuts. While the direct economic impact of a shutdown might be limited, it comes at a critical time, coinciding with the Fed's interest-rate decision in September. The shutdown's influence on key economic indicators and the potential effects on factors like student loan payments and the threat of a UAW strike against automakers add to the economic challenges facing the U.S. economy.

Legislative Delegation

Below is a list of the district's current legislative delegation:

State Assembly:

Greg Wallis, Assembly District 47. Term: 2022-2024

State Senate:

Rosilicie Ochoa Bogh, Senate District 23. Term: 2020-2024

*After the 2024 general election, BCVWD will be located in Senate District 19

U.S. Senate

Dianne Feinstein. Term: 2019-2025

Alex Padilla. Term: 2023-2029

U.S. House of Representatives

Raul Ruiz, Congressional District 25. Term: 2023-2025

Beaumont Cherry Valley Water District Grant Opportunities

Administrator & Grant Name	Application Info	Matching Funds	Eligible Projects / Updates	Application Deadline/Potential Eligible Project
Bureau of Reclamation WaterSMART Drought Resiliency Grant Program	Up to \$5 million	50 percent match required	Project types that seek to mitigate the impact of drought conditions include the following: <ul style="list-style-type: none"> • System modifications or improvements • Projects that improve storing water and/or recharging groundwater supplies • Developing alternative sources of water supply including water treatment • Groundwater recovery 	October 31, 2023
Bureau of Reclamation WaterSMART Environmental Water Resources Projects	\$160 million in funding annually TBD	TBD	WaterSMART Environmental Water Resources Projects is a new category of funding to support projects focused on environmental benefits and that have been developed as part of a collaborative process to help carry out an established strategy to increase the reliability of water resources.	NOFO Expected Winter 2023 <i>Recycled Water Booster Station</i>
Department of Water Resources Riverine Stewardship Program/Urban Streams Program (USP)	\$6.5 million in available funding, \$2 million DAC set-aside	Varies – for USP, 20% unless located in a DAC	Provides funding for planning and implementation of projects that restore streams, creeks, and rivers to enhance the environment for fish, wildlife, and people. This includes: <ul style="list-style-type: none"> • Fish-related improvements • Flood risk reduction • Riparian, floodplain, and stream channel restoration • Climate adaptation The Urban Streams Program provides funding for projects which accomplish the following goals: (1) Protecting, enhancing, and restoring the natural ecological value of streams;	Ongoing <i>Flood Mitigation</i>



Administrator & Grant Name	Application Info	Matching Funds	Eligible Projects / Updates	Application Deadline/Potential Eligible Project
			<p>(2) Preventing future property damage caused by flooding and bank erosion;</p> <p>(3) Promoting community involvement, education, and riverine stewardship.</p> <p>Certain subgrant categories (under the RSP and San Joaquin Fish Population Enhancement Program) are geographically limited to water tributaries and sources fed by the Delta or that receive water from the State Water Project or Central Valley Project, either directly or by exchange, by means of diversion from the Delta – may not apply in our case. The USP is applicable statewide.</p>	
<p>California Water Board</p> <p>Drinking Water State Revolving Fund (DWRSF)</p>	<p>No maximum, minimum request amounts</p>	<p>Loan*</p>	<p>Planning/design and construction of drinking water infrastructure projects including:</p> <ul style="list-style-type: none"> • treatment systems • distribution systems • interconnections • consolidations • pipeline extensions • water sources • water meters • water storages <p>*This is a low-interest financing program, grants are conditionally made available depending on funding availability and applicant need. The DWRSF and the CWRSF are also where the water board is allocating much of the BIL water infrastructure funding, so grants may become more accessible.</p>	<p>Rolling</p> <p><i>Pipeline Replacement/ Extension Project</i></p>
<p>California Water Board</p> <p>Clean Water State Revolving Fund (CWRSF)</p>	<p>No maximum, minimum request amounts</p>	<p>Loan*</p>	<p>Using a combination of federal and state funds, state CWSRF programs provide loans to eligible recipients to:</p> <ul style="list-style-type: none"> • construct municipal wastewater facilities, • control nonpoint sources of pollution, • build decentralized wastewater treatment systems, • create green infrastructure projects, • protect estuaries, and 	<p>Rolling</p> <p><i>Raw Water Filtration System</i></p>



Administrator & Grant Name	Application Info	Matching Funds	Eligible Projects / Updates	Application Deadline/Potential Eligible Project
			<ul style="list-style-type: none"> fund other water quality projects. <p>*This is a low-interest financing program, grants are conditionally made available depending on funding availability and applicant need. The DWRSF and the CWRSF are also where the water board is allocating much of the BIL water infrastructure funding, so grants may become more accessible. These grants are often – though not always – allocated for DAC's.</p>	
<p>State Water Resources Control Board</p> <p>2022 Clean Water Act Section 319 Nonpoint Source Pollution Grant</p>	<p>TBD, estimated \$500,000 - \$800,000</p>	<p>25% (tentative)</p>	<p>This grant program would be contingent on the State Water Board receiving additional funding from the EPA in Summer 2022 to continue this program into the current fiscal year – this is likely, but not certain.</p> <p>The program primarily funds implementation projects, but occasionally offers grants for planning projects. Examples of projects include livestock fencing to reduce sediment and nutrient discharges, agricultural best management practices to reduce pesticide and nutrient discharges, dredging contaminated sediment from pesticide-impaired waters, habitat restoration such as installation of large woody debris and riparian revegetation, and rural road inventories and repairs to reduce sedimentation and erosion. Most awards go to projects that improve impaired waters, but a small amount of funding goes to projects that protect high-quality waters, or that address a nonpoint source pollution problem created by wildfire.</p>	<p>TBD – if program is renewed, likely Spring 2023</p>
<p>Department of Water Resources</p> <p>Small Community Drought Relief Program</p>	<p>No minimum request amount, maximum ~5 million</p>	<p>none</p>	<p>Funding for long-term drought resiliency and emergency projects relief for small, rural communities. Applications are accepted on a rolling, first-come, first-served basis – anticipated additional funding in FY23.</p>	<p>December 29, 2023</p> <p><i>Well Maintenance/ Replacement</i></p>



Beaumont-Cherry Valley Water District

Period Ending June 30, 2023

CHANDLER ASSET MANAGEMENT, INC. | 800.317.4747 | www.chandlerasset.com

SECTION 1	Economic Update
SECTION 2	Account Profile
SECTION 3	Consolidated Information
SECTION 4	Portfolio Holdings
SECTION 5	Transactions

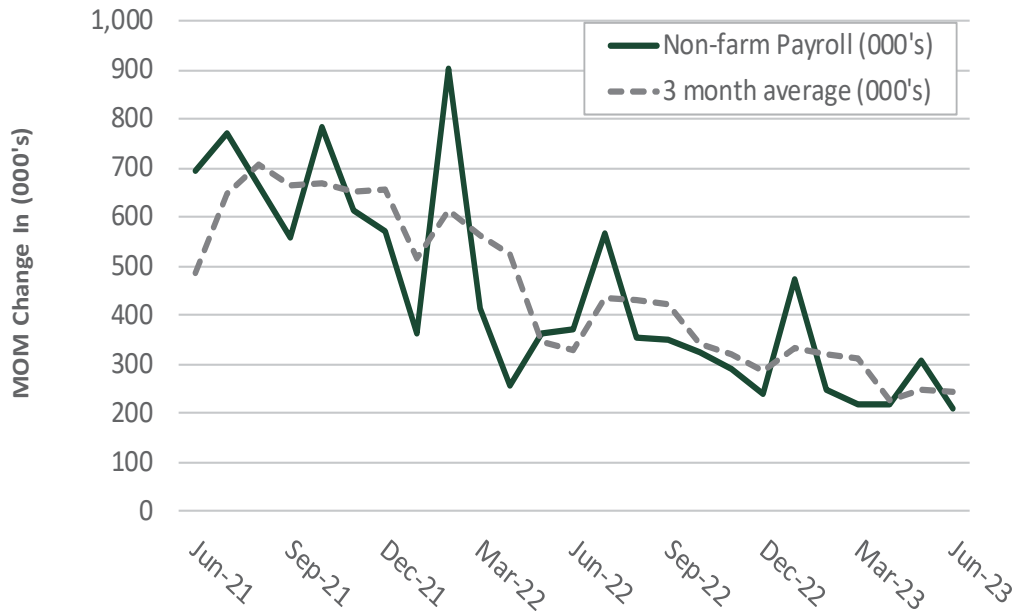
Section 1 | Economic Update

Economic Update

- Recent economic data continues to suggest positive but below trend growth this year. Although the pace of job growth is moderating, labor markets remain solid, and the U.S. consumer has demonstrated resiliency. Inflationary trends are subsiding, but core levels remain well above the Fed's target. Given the cumulative effects of restrictive monetary policy and tighter financial conditions, we believe the economy will gradually soften and the Fed will remain data dependent as they tread cautiously going forward.
- At the June meeting, the Federal Open Market Committee paused in their rate hiking campaign after ten straight rate increases and left the target Federal Funds rate in the current range of 5.00 - 5.25%. Market participants viewed the FOMC's decision as a 'hawkish' pause, expecting further tightening in the future, primarily based on the updated release of the FOMC's Summary of Economic Projections (SEP) forecast which reflected a stronger economic outlook and higher rates compared to the March forecast. We believe the resiliency of future economic data will determine if the Federal Reserve can stay on hold for a period of time or will be forced to tighten policy further to bring inflation back down towards their 2% policy objective.
- The yield curve remained inverted in June. The 2-year Treasury yield surged 50 basis points to 4.90%, the 5-year Treasury yield rose 40 basis points to 4.16%, and the 10-year Treasury yield increased 19 basis points to 3.84%. The inversion between the 2-year Treasury yield and 10-year Treasury yield widened to -106 basis points at June month-end versus -76 basis points at May month-end. The spread between the 2-year Treasury and 10-year Treasury yield one year ago was +6 basis points. The inversion between 3-month and 10-year Treasuries narrowed to -146 basis points in June from -176 basis points in May. The shape of the yield curve indicates that the probability of recession is increasing.

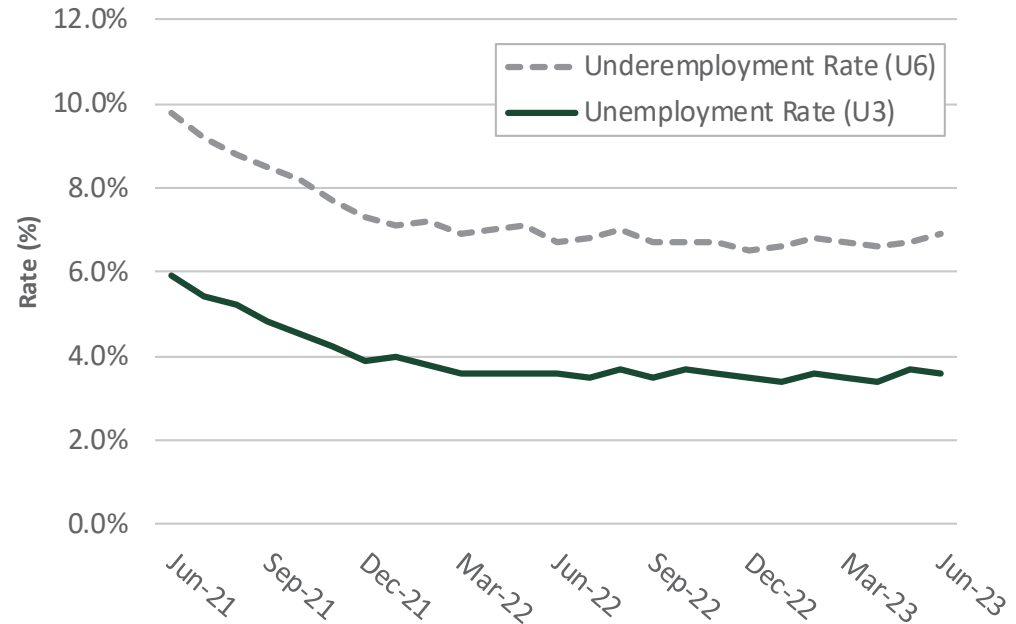
Employment

Nonfarm Payroll (000's)



Source: US Department of Labor

Unemployment Rate

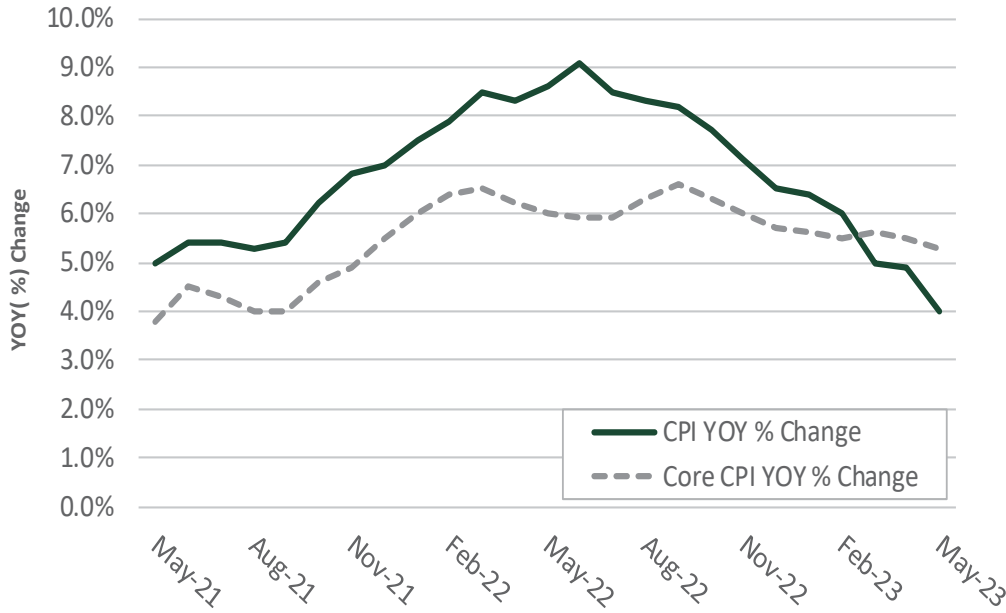


Source: US Department of Labor

The U.S. economy added 209,000 jobs in June, falling short of consensus expectations, and the last two months were revised downward by 110,000 jobs. Although decelerating, the pace of job growth remains healthy with the three-month moving average payrolls at 244,000 and the six-month moving average at 278,000. The unemployment rate declined to 3.6% in June from 3.7% in May, while the labor force participation rate remained at 62.6%. The U-6 underemployment rate, which includes those who are marginally attached to the labor force and employed part time for economic reasons, increased to 6.9% from the prior month at 6.7%. Average hourly earnings remained at 4.4% year-over-year in June, unchanged from an upwardly revised 4.4% increase in May. While the longer-term trend of hiring is slowing, levels remain consistent with a solid labor market.

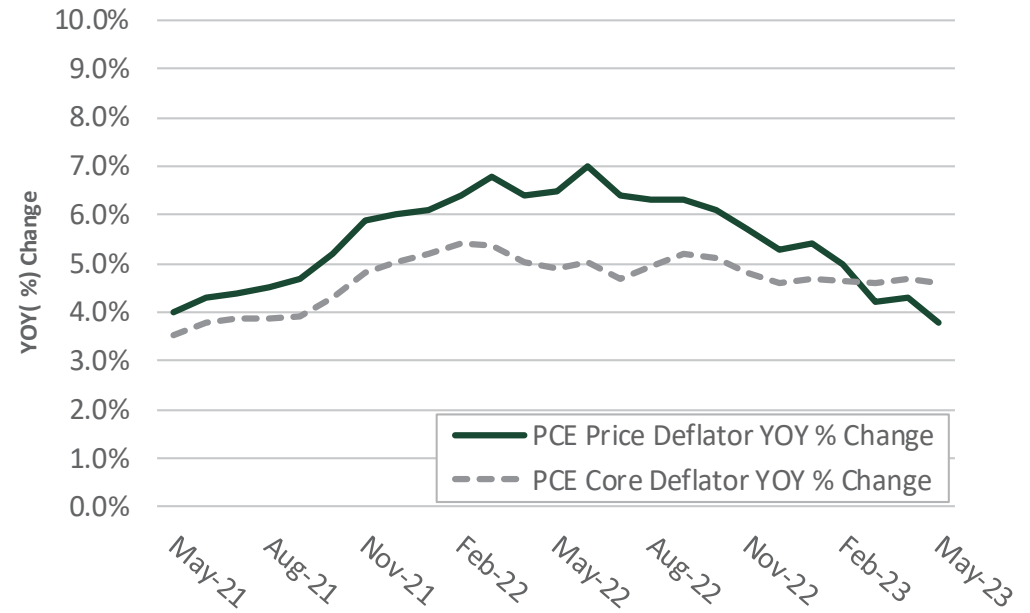
Inflation

Consumer Price Index (CPI)



Source: US Department of Labor

Personal Consumption Expenditures (PCE)

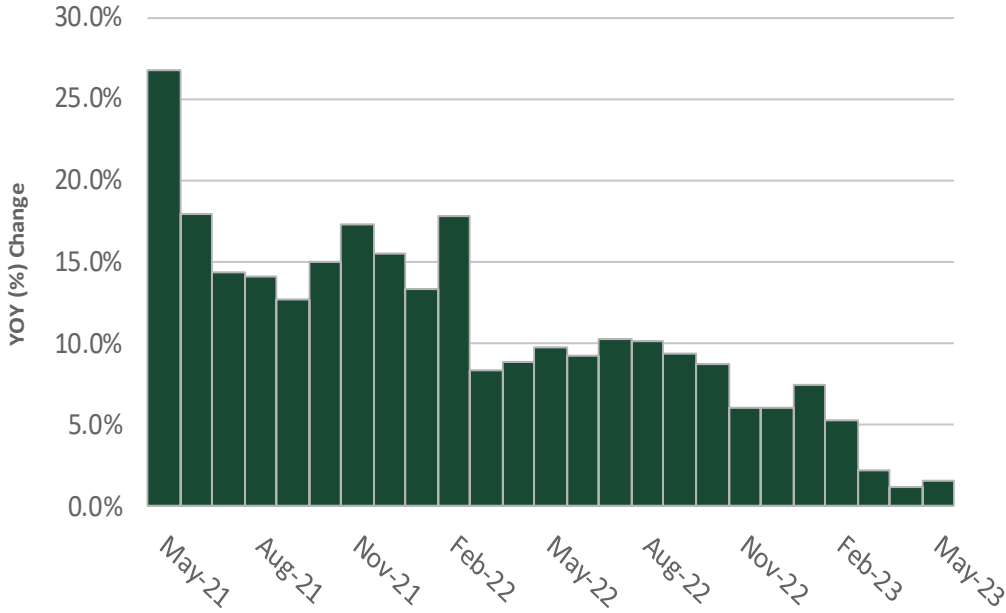


Source: US Department of Commerce

The Consumer Price Index (CPI) increased in May by 0.1% month-over-month and 4.0% year-over-year, down from 4.9% in April. The Core CPI, which excludes volatile food and energy components, remained firm at 0.4% month-over-month and 5.3% year-over-year, decelerating modestly from 5.5% in April. The Personal Consumption Expenditures (PCE) index rose 3.8% year-over-year in May, down from a 4.3% gain in April. Core PCE, the Federal Reserve’s preferred inflation gauge, increased 4.6% year-over-year in May, down slightly from a 4.7% increase in April. Core inflation remains stubbornly elevated above the Fed's 2% target, with service-sector inflation and strong wage growth as headwinds.

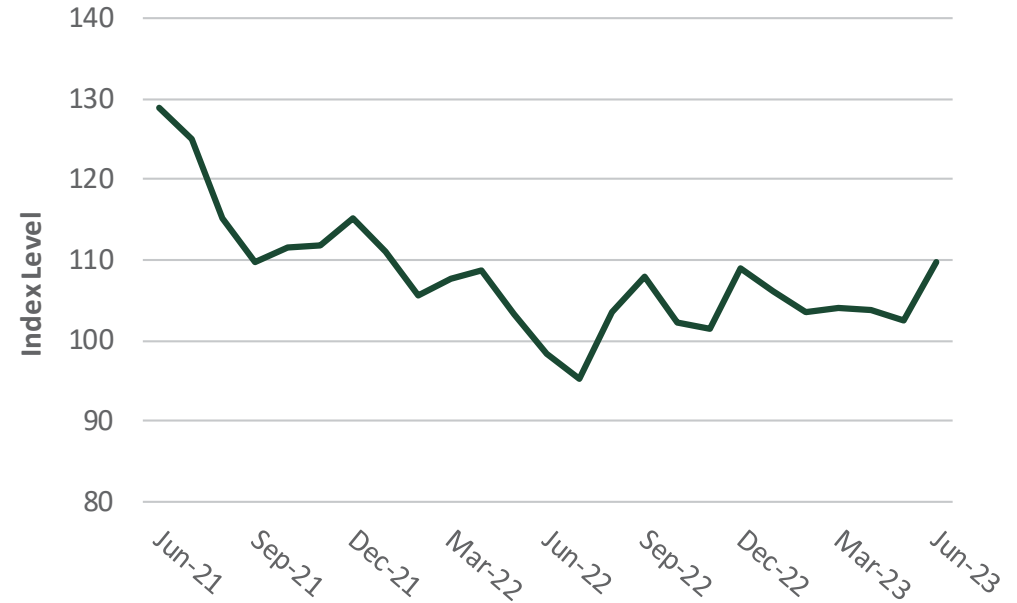
Consumer

Retail Sales YOY % Change



Source: US Department of Commerce

Consumer Confidence

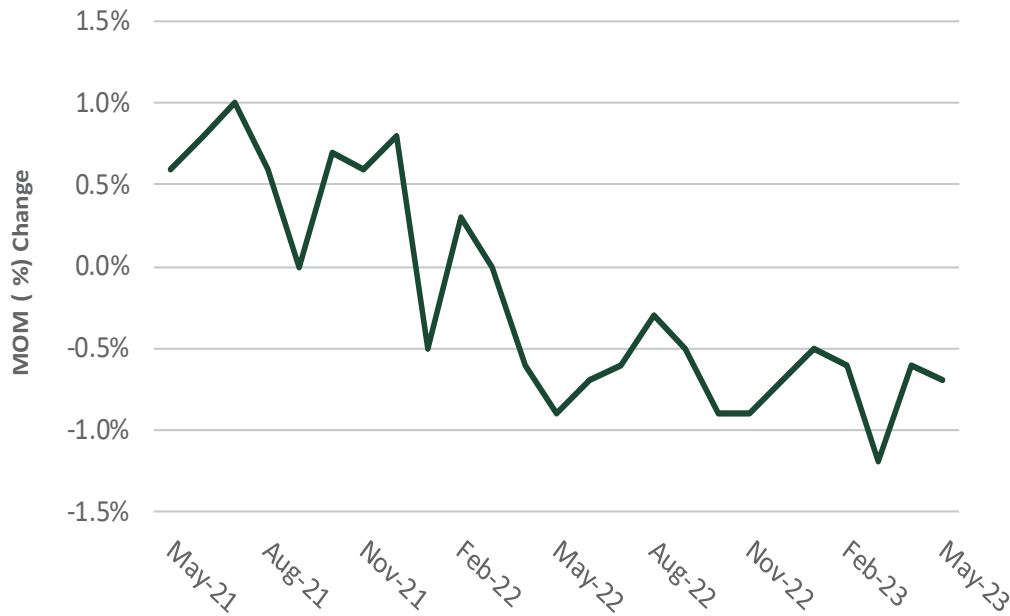


Source: The Conference Board

Advance Retail Sales rose 0.3% month-over-month in May, beating expectations but slowing from a 0.4% increase in April. Gains were broad-based and translated to a year-over-year increase of 1.5% in May versus a downwardly revised 1.2% increase in April. The Conference Board's Consumer Confidence Index surged to a better than expected 109.7 in June from 102.5 in May. Both current conditions and future expectations gained strength.

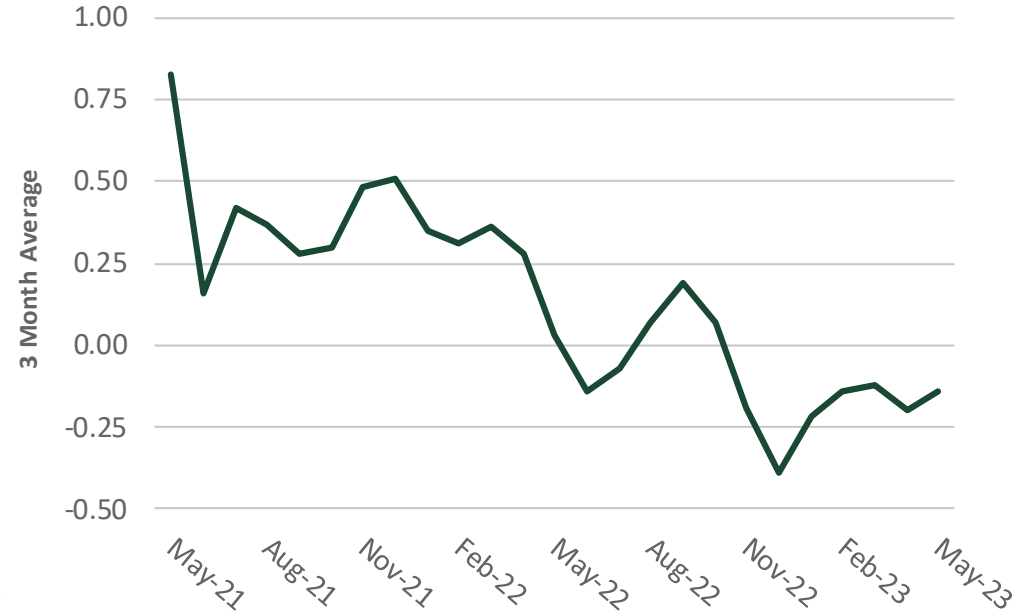
Economic Activity

Leading Economic Indicators (LEI)



Source: The Conference Board

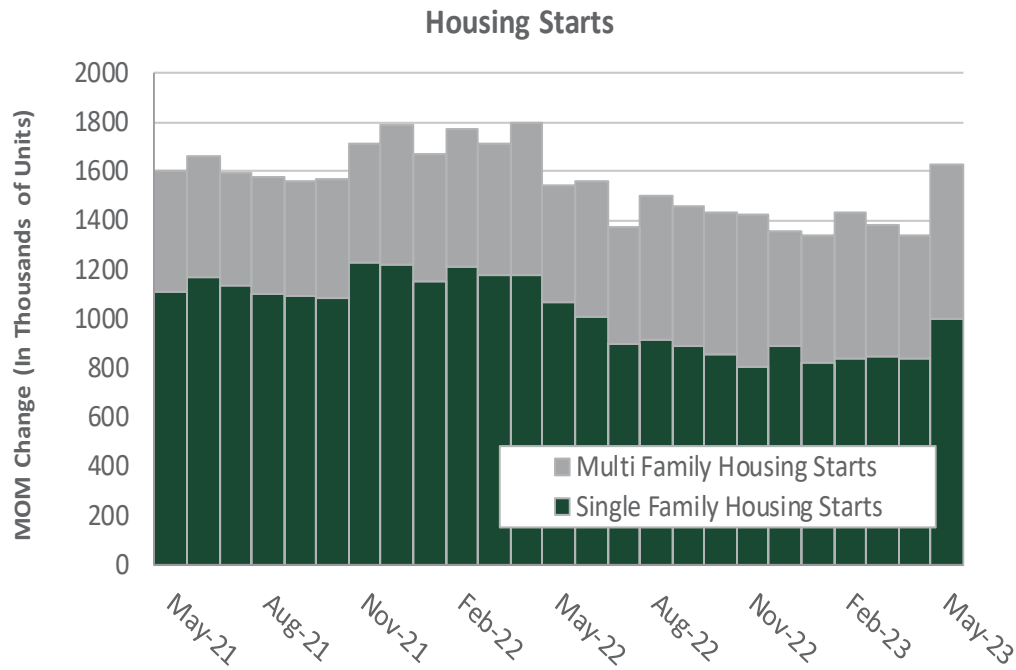
Chicago Fed National Activity Index (CFNAI)



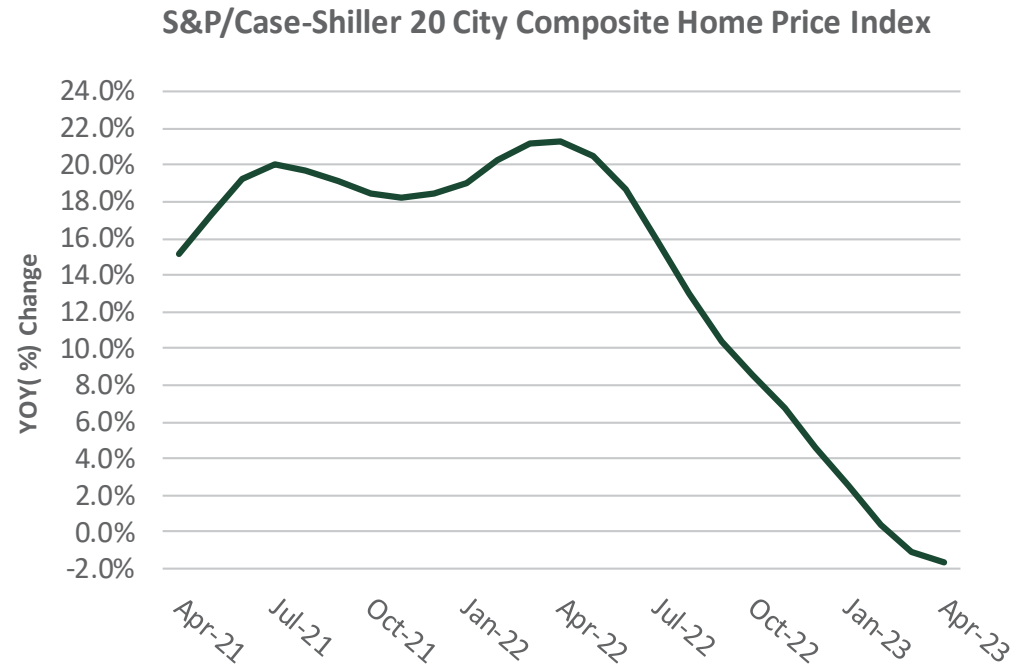
Source: Federal Reserve Bank of Chicago

The Conference Board’s Leading Economic Index (LEI) remained in negative territory for the fourteenth consecutive month at -0.7% in May, versus -0.6% in April and was down 7.9% year-over-year in May. The consistent decline month-over-month continues to signal future contraction in the economy. The Chicago Fed National Activity Index (CFNAI) fell to -0.15 in May from 0.14 in April. On a 3-month moving average basis, the CFNAI remained negative at -0.14 in May, indicating a rate of growth below the historical average trend.

Housing



Source: US Department of Commerce

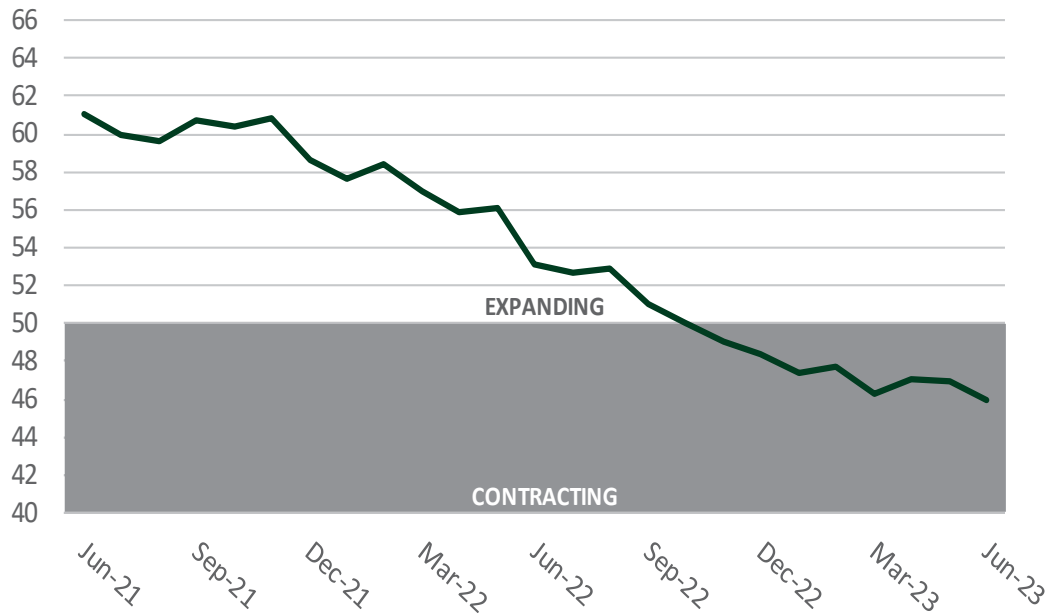


Source: S&P

Total housing starts rose 21.7% month-over-month in May to 1,631,000 units from a downwardly revised 1,340,000 in April and were up 5.7% compared to May 2022. Both single-family and multi-family construction increased as expectations for lower rates and greater availability of construction labor and materials drove the surge in starts. The 30-year fixed rate mortgage stabilized at an average of approximately 6.7% at June month-end according to Freddie Mac. According to the Case-Shiller 20-City Home Price Index, housing prices dropped 1.7% in April after falling 1.1% in March, clearly displaying the impact of higher mortgage rates year-over-year, which have reduced demand for homebuying as affordability has declined. The Southeast remains the strongest region, while the West continues to be the weakest.

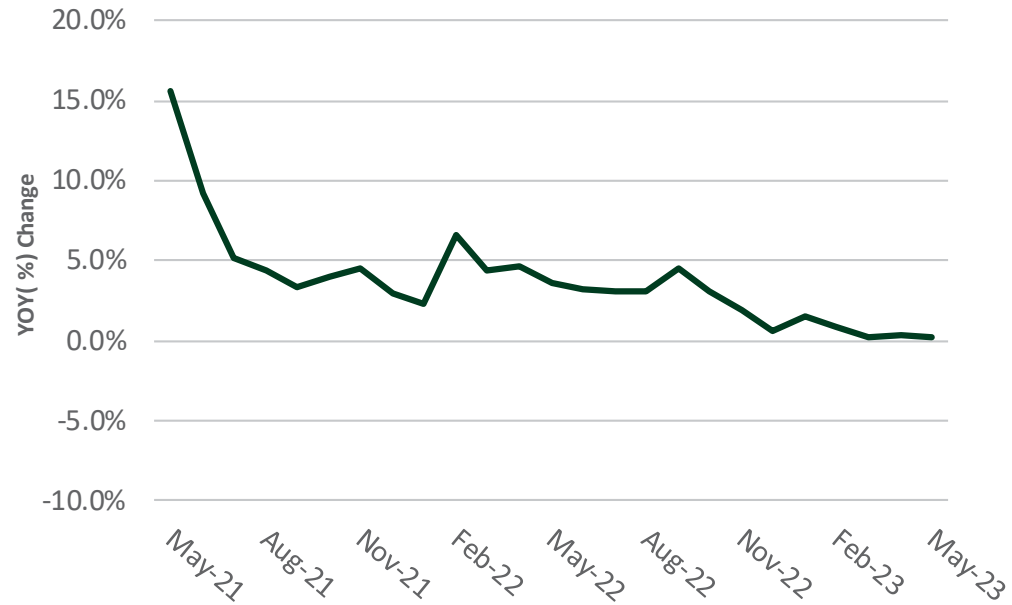
Manufacturing

Institute of Supply Management Purchasing Manager Index



Source: Institute for Supply Management

Industrial Production



Source: Federal Reserve

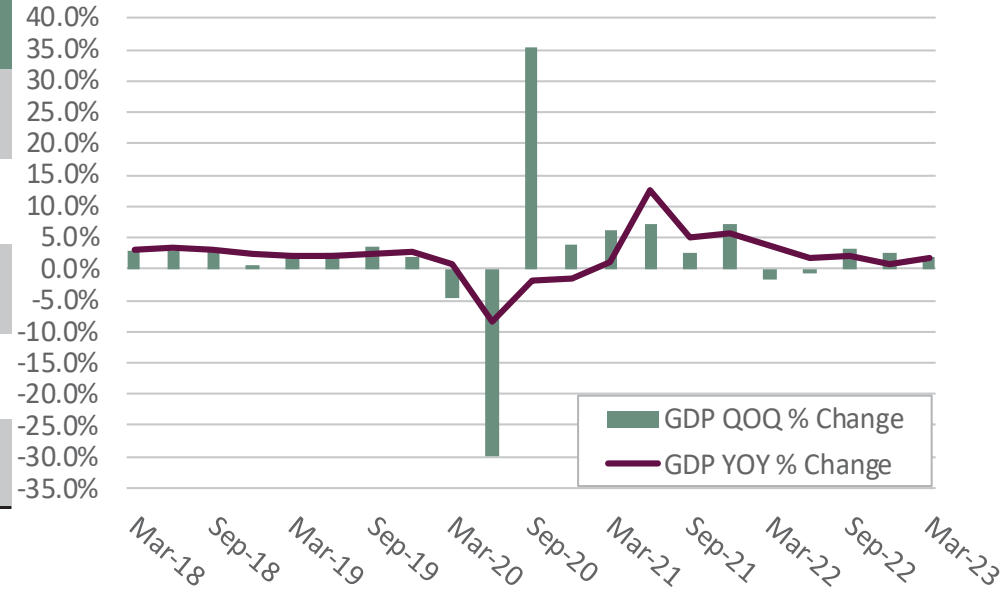
The Institute for Supply Management (ISM) manufacturing index fell to 46.0 in June from 46.9 in May. This is the eighth consecutive month of readings below 50.0, which is indicative of contraction in the manufacturing sector. Industrial production rose 0.5% in April due to increases in manufacturing and mining. This equates to a 0.24% increase in industrial production from the prior year. Capacity utilization increased to 79.7% in April from a downwardly revised 79.4% in March, inching above its 1972-2021 average of 79.6%.

Gross Domestic Product (GDP)

Components of GDP	6/22	9/22	12/22	3/23
Personal Consumption Expenditures	1.4%	1.5%	0.7%	2.8%
Gross Private Domestic Investment	-2.8%	-1.8%	0.8%	-2.2%
Net Exports and Imports	1.2%	2.9%	0.4%	0.6%
Federal Government Expenditures	-0.2%	0.2%	0.4%	0.4%
State and Local (Consumption and Gross Investment)	-0.1%	0.4%	0.3%	0.5%
Total	-0.6%	3.3%	2.6%	2.0%

Source: US Department of Commerce

Gross Domestic Product (GDP)



Source: US Department of Commerce

According to the third estimate, first quarter 2023 GDP growth was revised up to 2.0% from 1.3%. Stronger personal consumption expenditures were the primary driver of the upward revision. The consensus estimate calls for 1.2% growth for the second quarter and 1.3% growth for the full year 2023.

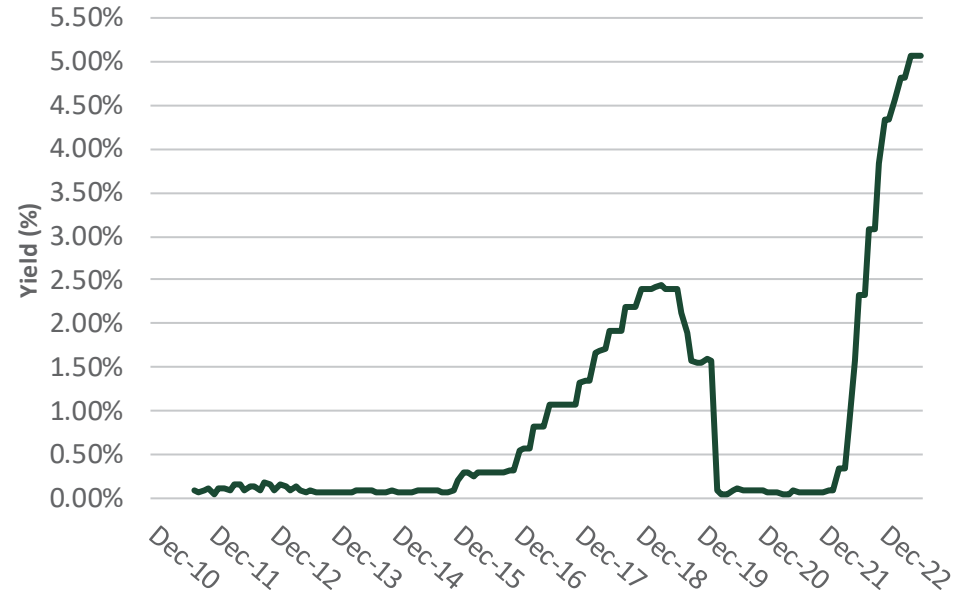
Federal Reserve

Federal Reserve Balance Sheet Assets



Source: Federal Reserve

Effective Federal Funds Rate

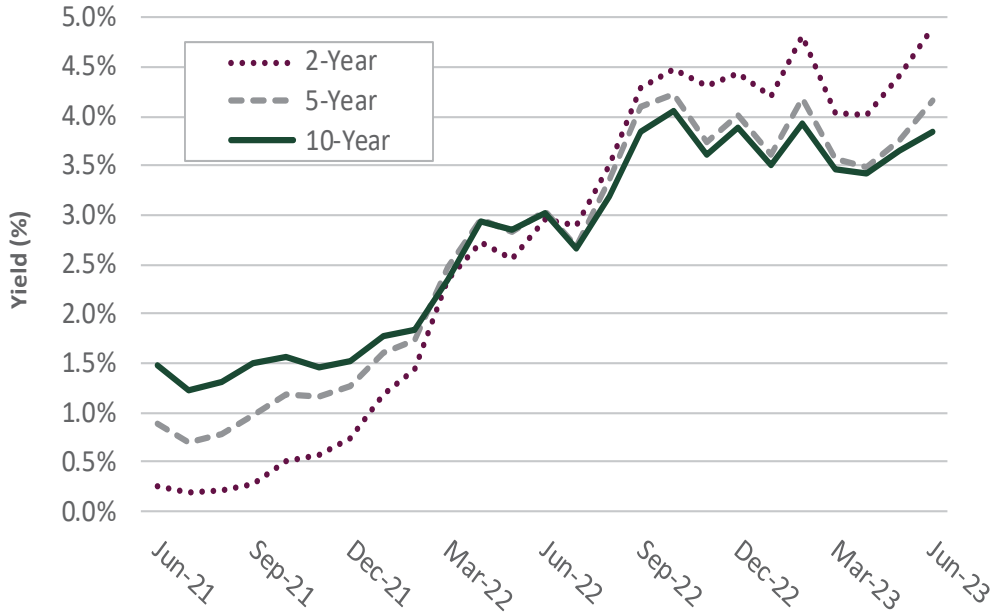


Source: Bloomberg

At the June meeting, the Federal Open Market Committee paused in their rate hiking campaign after ten straight rate increases and left the target Federal Funds rate in the current range of 5.00 - 5.25%. Market participants viewed the FOMC's decision as a 'hawkish' pause, expecting further tightening in the future, primarily based on the updated release of the FOMC's Summary of Economic Projections (SEP) forecast. The SEP is forecasting higher GDP, a lower unemployment rate, and higher PCE inflation compared to the March 2023 forecast. The median forecast for the Fed Funds rate was also increased to 5.6% in June, compared to the prior forecast of 5.1% in March, suggesting another 50 basis points of tightening in 2023. We believe the resiliency of future economic data will determine if the Federal Reserve can stay on hold for a period of time or will be forced to tighten policy further to bring inflation back down towards their 2% policy objective.

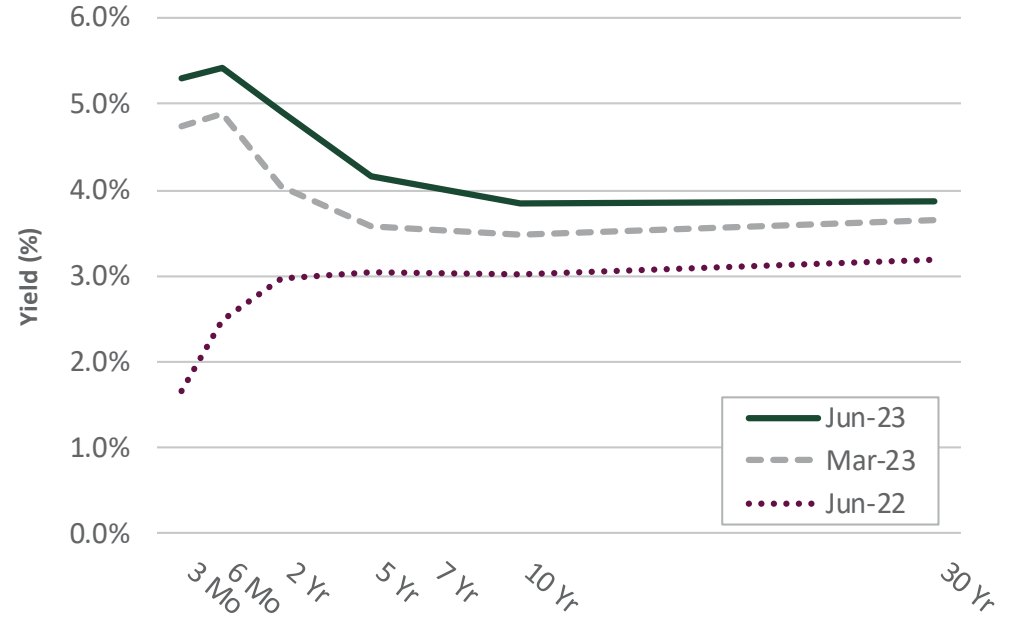
Bond Yields

US Treasury Note Yields



Source: Bloomberg

US Treasury Yield Curve



Source: Bloomberg

At the end of June, the 2-year Treasury yield was 194 basis points higher, and the 10-Year Treasury yield was about 82 basis points higher, year-over-year. The inversion between the 2-year Treasury yield and 10-year Treasury yield widened to -106 basis points at June month-end versus -76 basis points at May month-end. The average historical spread (since 2003) is about +130 basis points. The inversion between 3-month and 10-year Treasuries narrowed to -146 basis points in June from -176 basis points in May. The shape of the yield curve indicates that the probability of recession is increasing.

Section 2 | Account Profile

Investment Objectives

Beaumont-Cherry Valley Water District's investment objectives, in order of priority, are to provide safety to ensure the preservation of capital in the overall portfolio, provide sufficient liquidity for cash needs and a market rate of return consistent with the investment program.

Chandler Asset Management Performance Objective

The performance objective for the portfolio is to earn a total rate of return through a market cycle that is equal to or above the return on the benchmark index.

Strategy

In order to achieve this objective, the portfolio invests in high-quality fixed income securities that comply with the investment policy and all regulations governing the funds.

BCVWD - Consolidated Portfolio

This portfolio is a consolidation of assets managed by Chandler Asset Management and assets managed internally by Client. Chandler relies on Client to provide accurate information for reporting assets and producing this compliance statement.

Category	Standard	Comment
U.S. Treasuries	No limitation; Full faith and credit of the U.S. are pledged for the payment of principal and interest	<i>Complies</i>
Federal Agencies	No limitation; Federal agencies or U.S. government-sponsored enterprise obligations, participations, or other instruments, including those issued or fully guaranteed as to principal and interest by federal agencies or U.S. government sponsored enterprises.	<i>Complies</i>
Supranational Obligations	"AA" rating category or higher by a NRSRO; 30% max; 10% max per issuer; USD denominated senior unsecured unsubordinated obligations; Issued or unconditionally guaranteed by International Bank for Reconstruction & Development (IBRD), International Finance Corporation (IFC), or Inter-American Development Bank (IADB)	<i>Complies</i>
Municipal Securities (CA, Other States)	5% max per issuer; Registered treasury notes or bonds of this state or any of the other 49 United States, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of this state or any of the other 49 United States. Bonds, notes, warrants, or other evidence of indebtedness of any local agency, including the District's own bonds, within this state, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by the local agency, or by a department, board, agency, or authority of the local agency.	<i>Complies</i>
Corporate Medium Term Notes	"A" rating category or better by a NRSRO; 30% max; 5% max per issuer; Issuer is a corporation organized and operating within the U.S. or by depository institutions licensed by the U.S. or any state and operating within the U.S.	<i>Complies</i>
Asset-Backed, Mortgage-Backed, Mortgage Pass-Through Securities, and Collateralized Mortgage Obligations	"AA" rating category or higher by a NRSRO; 20% max (combined ABS/MBS/CMO); 5% max per issuer that is not a U.S. Government Agency; Asset-Backed, Mortgage-Backed, Mortgage Pass-Through Securities, and Collateralized Mortgage Obligations limited to mortgage-backed pass-through securities issued by a US government agency or consumer receivable pass-through certificates or bonds	<i>Complies</i>
Negotiable Certificates of Deposit (NCD)	30% max; 5% max per issuer; Issued by a nationally or state-chartered bank, or a federal or state association, a state or federal credit union, or by a federally-licensed or state-licensed branch of a foreign bank.	<i>Complies</i>
Certificate of Deposit Placement Service (CDARS)	50% max (combined with Negotiable Certificates of Deposit)	<i>Complies</i>
Collateralized Bank Deposits	Deposits with financial institutions will be collateralized with pledged securities per California Government Code	<i>Complies</i>
Banker's Acceptances	"A-1" short-term rating or better by a NRSRO; 40% max; 30% max per commercial bank; 5% max per issuer; 180 days max maturity; Issued by domestic or foreign banks, which are eligible for purchase by the Federal Reserve System.	<i>Complies</i>

BCVWD - Consolidated Portfolio

This portfolio is a consolidation of assets managed by Chandler Asset Management and assets managed internally by Client. Chandler relies on Client to provide accurate information for reporting assets and producing this compliance statement.

Category	Standard	Comment
Commercial Paper	"Prime" quality of the highest rating by a NRSRO; The entity that issues the commercial paper shall meet all conditions: (i) Organized and operating in the U.S. as a general corporation; (ii) Has total assets >\$500 million; (iii) Has debt other than commercial paper, if any, that is "A" rating category or higher by a NRSRO; 25% max; 5% max per issuer; 10% max of the outstanding paper of an issuing corporation; 270 days max maturity	<i>Complies</i>
Money Market Mutual Funds	20% max; Registered with SEC under Investment Company Act of 1940 and issued by diversified management companies and meet either of the following criteria: (i) Highest rating by two NRSROs; or (ii) Retained an investment adviser registered or exempt from SEC registration with > 5 years experience managing money market mutual funds with AUM >\$500 million	<i>Complies</i>
Local Agency Investment Fund (LAIF)	Maximum amount permitted by LAIF; Not used by investment adviser	<i>Complies</i>
Local Government Investment Pool (LGIP)	No limitation; However, the amount invested may not exceed the current maximum allowed by the pool; "AAm", or its equivalent, by a NRSRO; Shares of beneficial interest issued by a joint powers authority organized pursuant to Government Code Section; must meet the requirements of California Government Code Section 53601(p); the pool must seek to maintain a stable Net Asset Value ("NAV")	<i>Complies</i>
Repurchase Agreements	10% max; 102% Collateralized; 1 year max maturity; Not used by investment adviser	<i>Complies</i>
Max Per Issuer	5% max per issuer, except U.S. Treasuries, Federal Agency securities, LGIPs, and LAIF	<i>Complies</i>
Maximum Maturity	5 years maximum maturity	<i>Complies</i>

Beaumont Cherry Valley Water District

	06/30/23		03/31/23
	Benchmark*	Portfolio	Portfolio
Average Maturity (yrs)	1.84	1.98	1.92
Average Modified Duration	1.75	1.69	1.65
Average Purchase Yield	n/a	3.43%	3.32%
Average Market Yield	5.01%	5.19%	4.54%
Average Quality**	AAA	AA/Aa2	AA/Aa2
Total Market Value		37,102,386	37,110,541

*ICE BofA 1-3 Yr US Treasury Index

**Benchmark is a blended rating of S&P, Moody's, and Fitch. Portfolio is S&P and Moody's respectively.

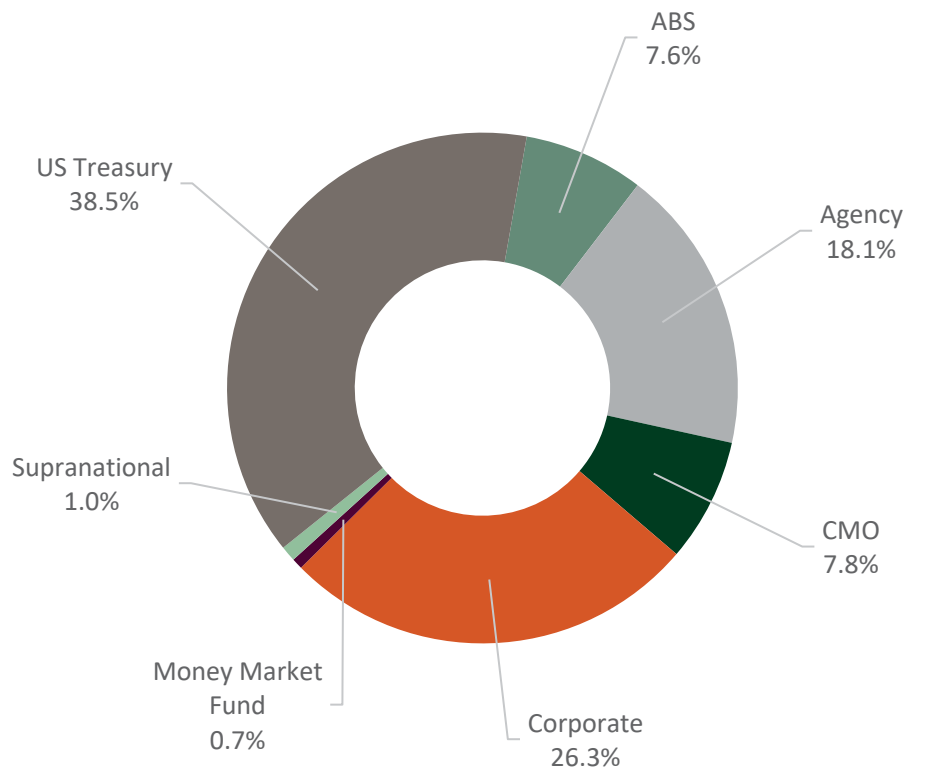
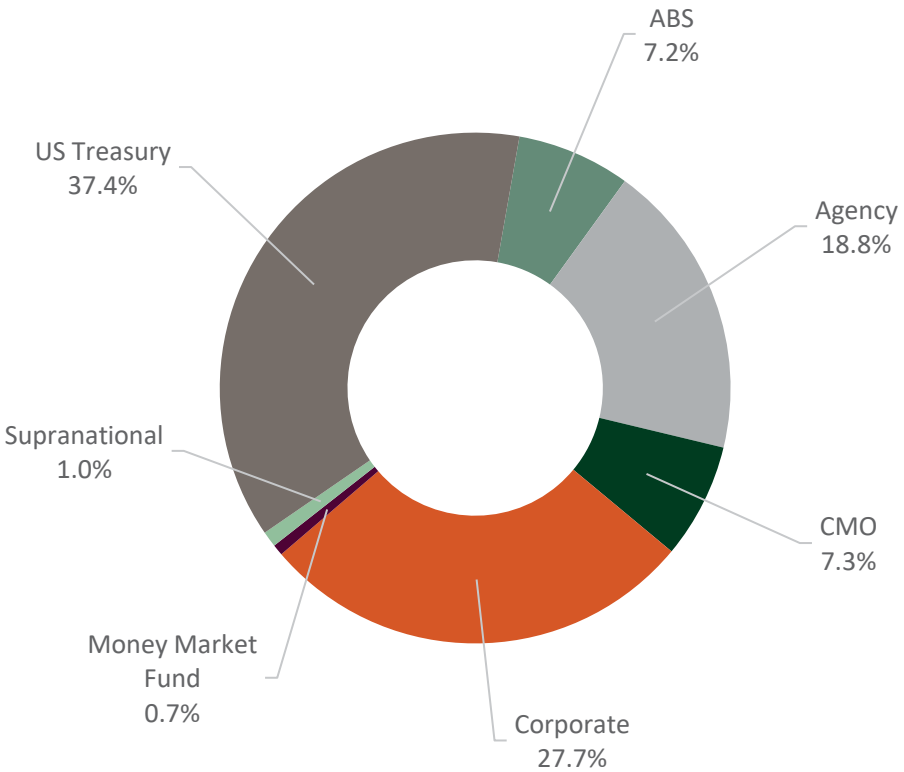
Sector Distribution

As of June 30, 2023

Beaumont Cherry Valley Water District

June 30, 2023

March 31, 2023



Beaumont Cherry Valley Water District

Issue Name	Investment Type	% Portfolio
Government of United States	US Treasury	37.43%
Federal Farm Credit Bank	Agency	12.05%
Federal Home Loan Mortgage Corp	CMO	7.26%
Federal Home Loan Bank	Agency	5.49%
American Express ABS	ABS	1.59%
Federal National Mortgage Association	Agency	1.23%
Home Depot	Corporate	1.20%
Nextera Energy Capital	Corporate	1.20%
Apple Inc	Corporate	1.19%
Chubb Corporation	Corporate	1.18%
Amazon.com Inc	Corporate	1.18%
Northern Trust Corp	Corporate	1.18%
Charles Schwab Corp/The	Corporate	1.17%
Verizon Master Trust	ABS	1.15%
John Deere ABS	ABS	1.13%
National Rural Utilities	Corporate	1.11%
Bank of Montreal Chicago	Corporate	1.09%
Honda Motor Corporation	Corporate	1.08%
Morgan Stanley	Corporate	1.08%
Paccar Financial	Corporate	1.08%
Toronto Dominion Holdings	Corporate	1.07%
Realty Income Corp	Corporate	1.07%
Qualcomm Inc	Corporate	1.06%
Deere & Company	Corporate	1.05%
Duke Energy Field Services	Corporate	1.05%
Truist Financial Corporation	Corporate	1.05%
Royal Bank of Canada	Corporate	1.05%
Bank of New York	Corporate	1.04%
JP Morgan Chase & Co	Corporate	1.03%
Toyota ABS	ABS	1.02%
Caterpillar Inc	Corporate	1.02%
Inter-American Dev Bank	Supranational	0.98%
Salesforce.com Inc	Corporate	0.97%
Toyota Motor Corp	Corporate	0.86%
First American Treasury MMF Class Y	Money Market Fund	0.66%
GM Financial Automobile Leasing Trust	ABS	0.56%
Honda ABS	ABS	0.54%
Hyundai Auto Receivables	ABS	0.51%

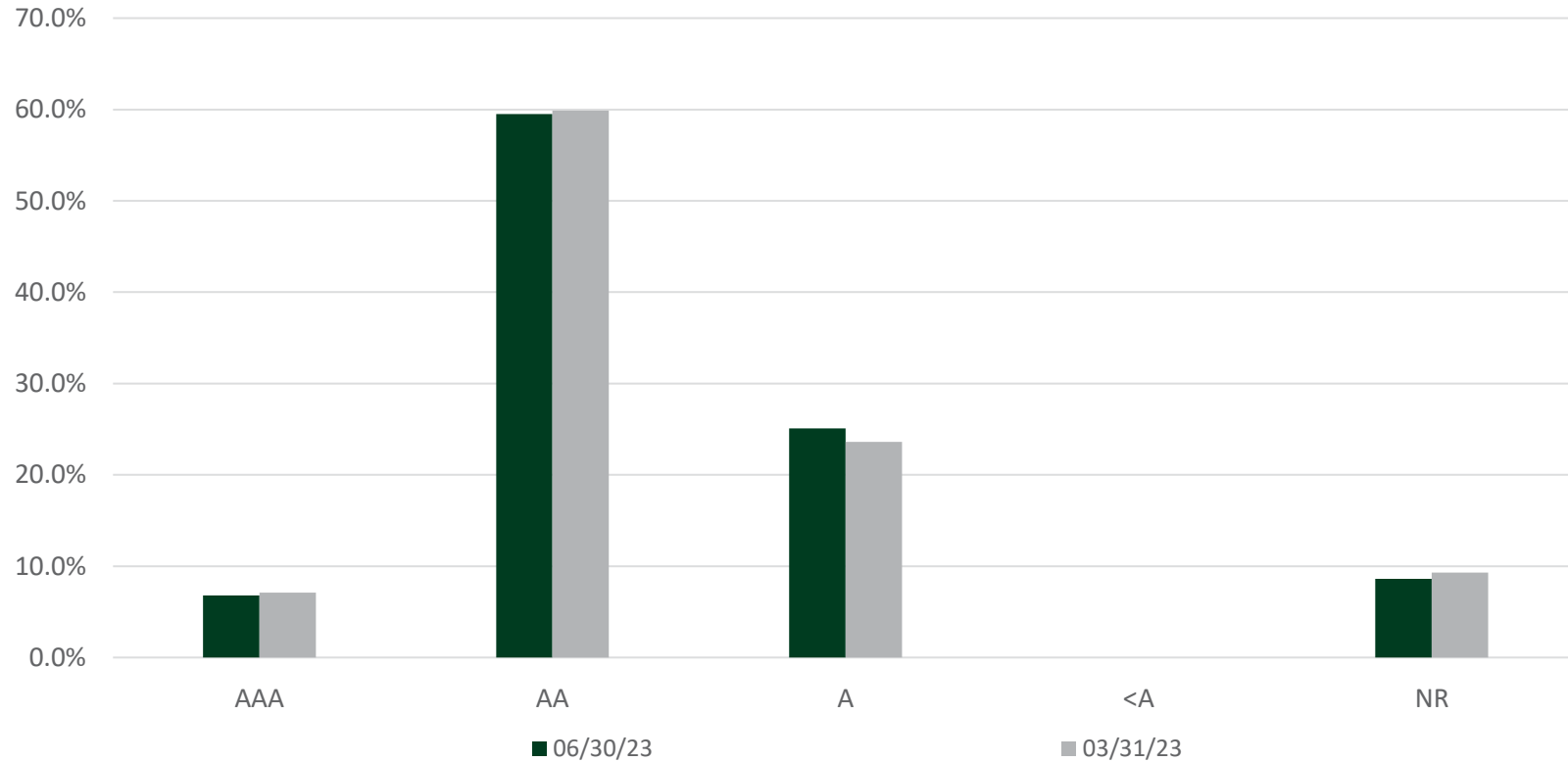
Beaumont Cherry Valley Water District

Issue Name	Investment Type	% Portfolio
US Bancorp	Corporate	0.40%
PNC Financial Services Group	Corporate	0.39%
Mercedes-Benz	ABS	0.33%
United Health Group Inc	Corporate	0.30%
Merck & Company	Corporate	0.29%
Wal-Mart Stores	Corporate	0.27%
GM Financial Securitized Term Auto Trust	ABS	0.25%
BMW Vehicle Lease Trust	ABS	0.13%
TOTAL		100.00%

Quality Distribution

As of June 30, 2023

Beaumont Cherry Valley Water District June 30, 2023 vs. March 31, 2023



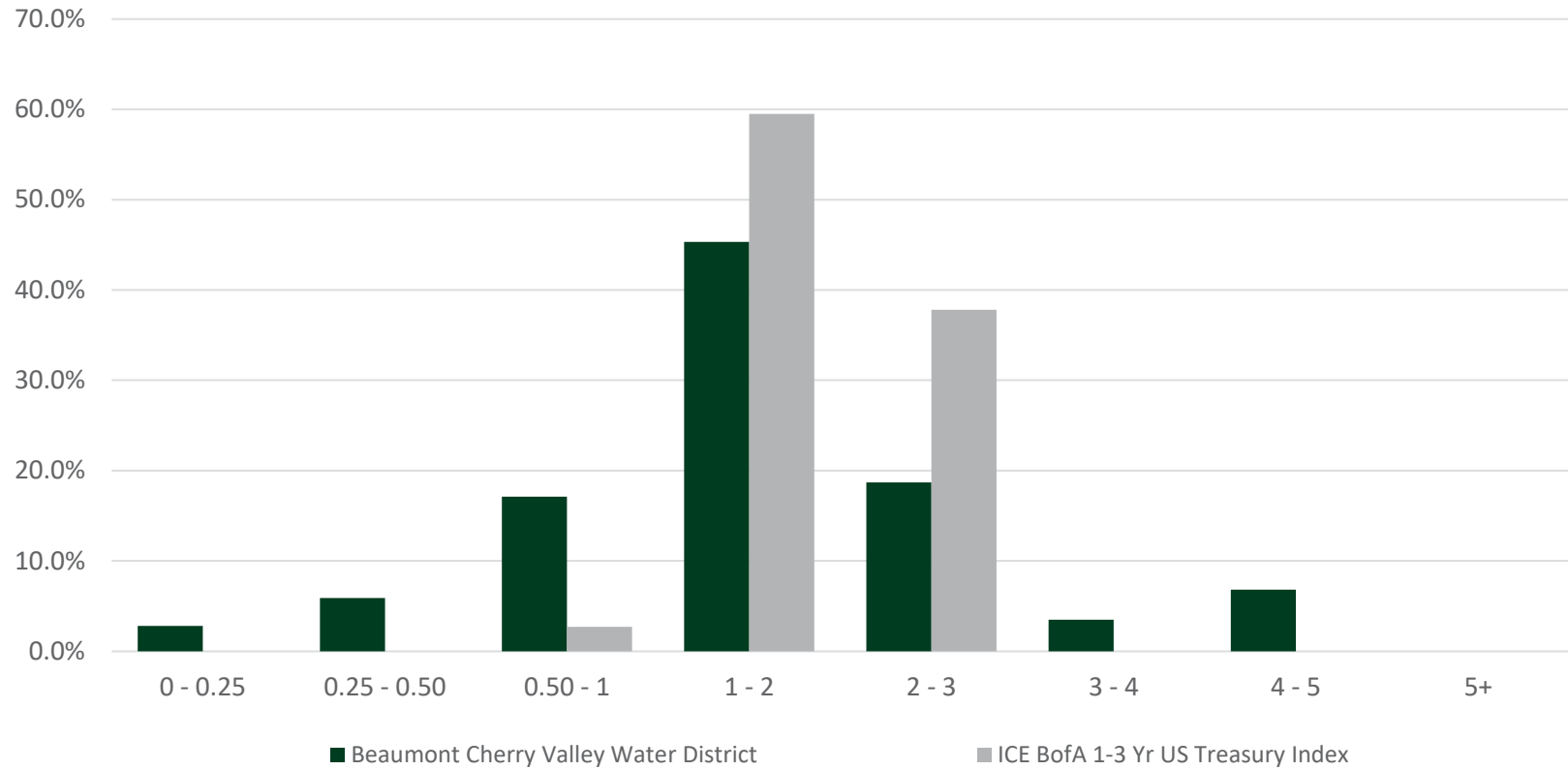
	AAA	AA	A	<A	NR
06/30/23	6.8%	59.5%	25.1%	0.0%	8.6%
03/31/23	7.1%	59.9%	23.6%	0.0%	9.3%

Source: S&P Ratings

Duration Distribution

As of June 30, 2023

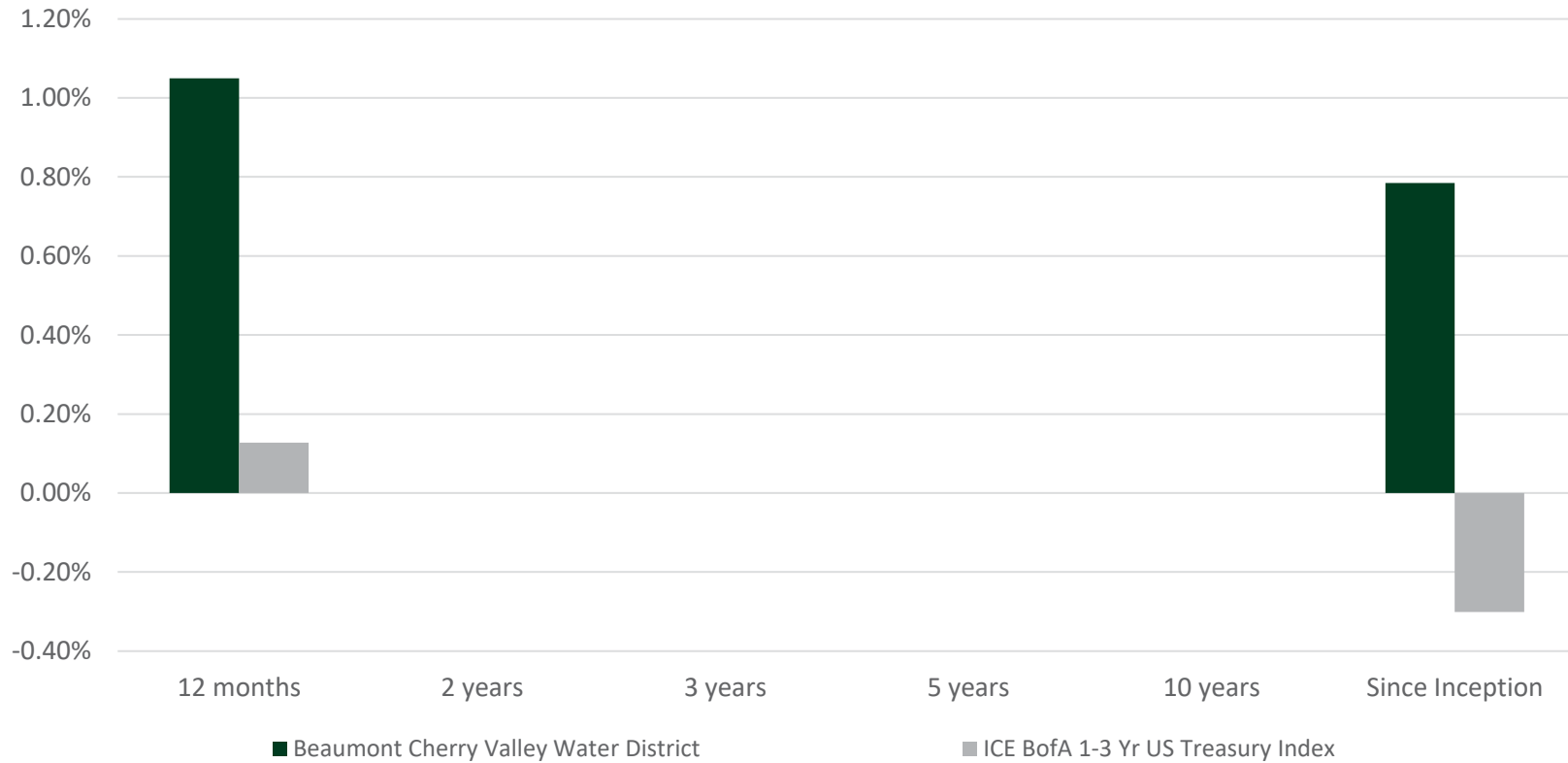
Beaumont Cherry Valley Water District Portfolio Compared to the Benchmark



	0 - 0.25	0.25 - 0.50	0.50 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5+
Portfolio	2.8%	5.9%	17.1%	45.3%	18.7%	3.5%	6.8%	0.0%
Benchmark*	0.0%	0.0%	2.7%	59.5%	37.8%	0.0%	0.0%	0.0%

*ICE BofA 1-3 Yr US Treasury Index

Beaumont Cherry Valley Water District Total Rate of Return Annualized Since Inception March 31, 2022



TOTAL RATE OF RETURN	Annualized						
	3 months	12 months	2 years	3 years	5 years	10 years	Since Inception
Beaumont Cherry Valley Water District	0.00%	1.05%	N/A	N/A	N/A	N/A	0.78%
ICE BofA 1-3 Yr US Treasury Index	-0.57%	0.13%	N/A	N/A	N/A	N/A	-0.30%

Total rate of return: A measure of a portfolio's performance over time. It is the internal rate of return, which equates the beginning value of the portfolio with the ending value; it includes interest earnings, realized and unrealized gains and losses in the portfolio.

BCVWD - Reporting Portfolio

	06/30/23 Portfolio	03/31/23 Portfolio
Average Maturity (yrs)	0.00	0.00
Modified Duration	0.00	0.00
Average Purchase Yield	3.26%	2.88%
Average Market Yield	3.26%	2.88%
Average Quality*	NR/NR	NR/NR
Total Market Value	40,230,094	39,915,805

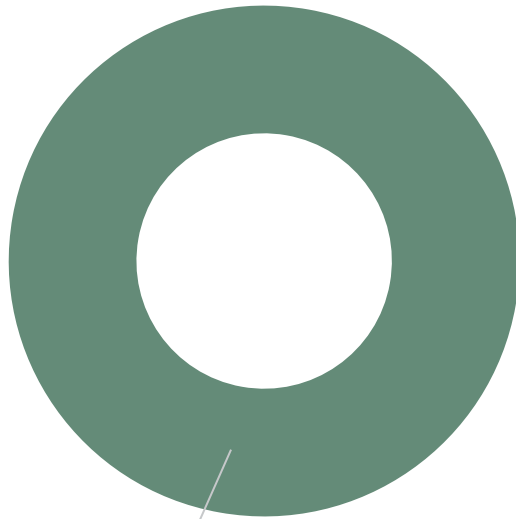
**Portfolio is S&P and Moody's, respectively.*

Sector Distribution

As of June 30, 2023

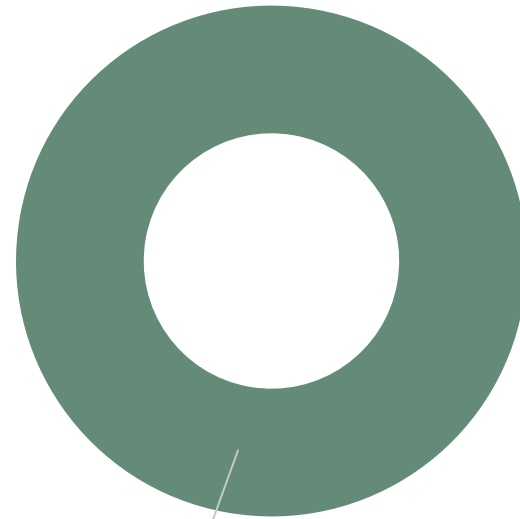
BCVWD - Reporting Portfolio

June 30, 2023



LAIF
100.0%

March 31, 2023



LAIF
100.0%

Section 3 | Consolidated Information

BCVWD - Consolidated Portfolio

	06/30/23 Portfolio	03/31/23 Portfolio
Average Maturity (yrs)	0.95	0.92
Modified Duration	0.81	0.79
Average Purchase Yield	3.34%	3.09%
Average Market Yield	4.19%	3.68%
Average Quality*	AA/Aa2	AA/Aa2
Total Market Value	77,332,480	77,026,346

* Portfolio is S&P and Moody's respectively.

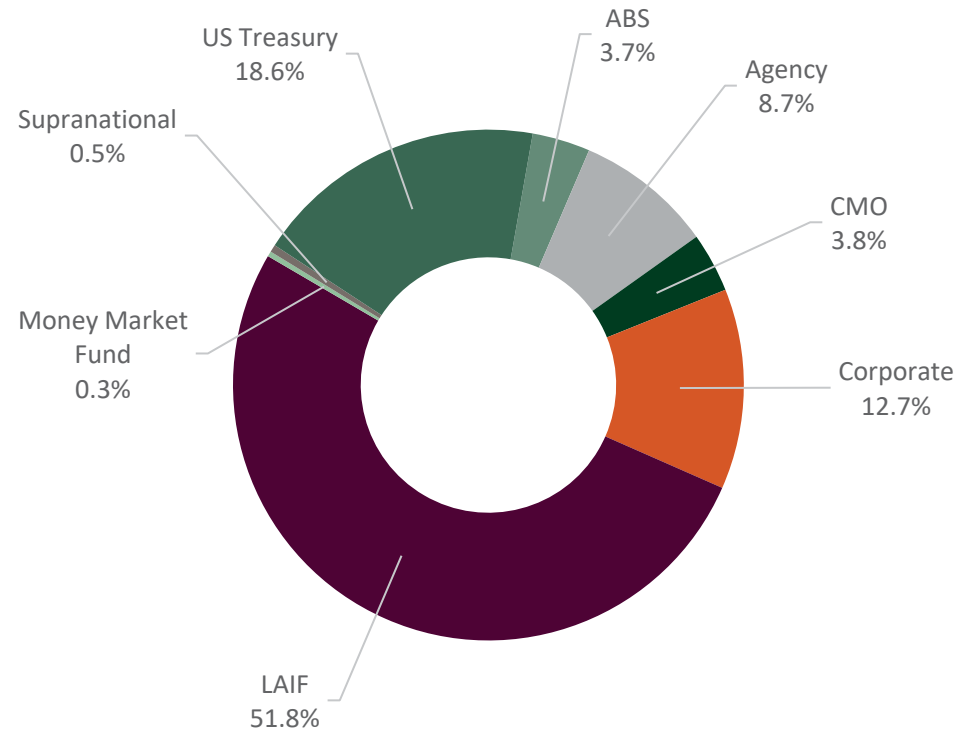
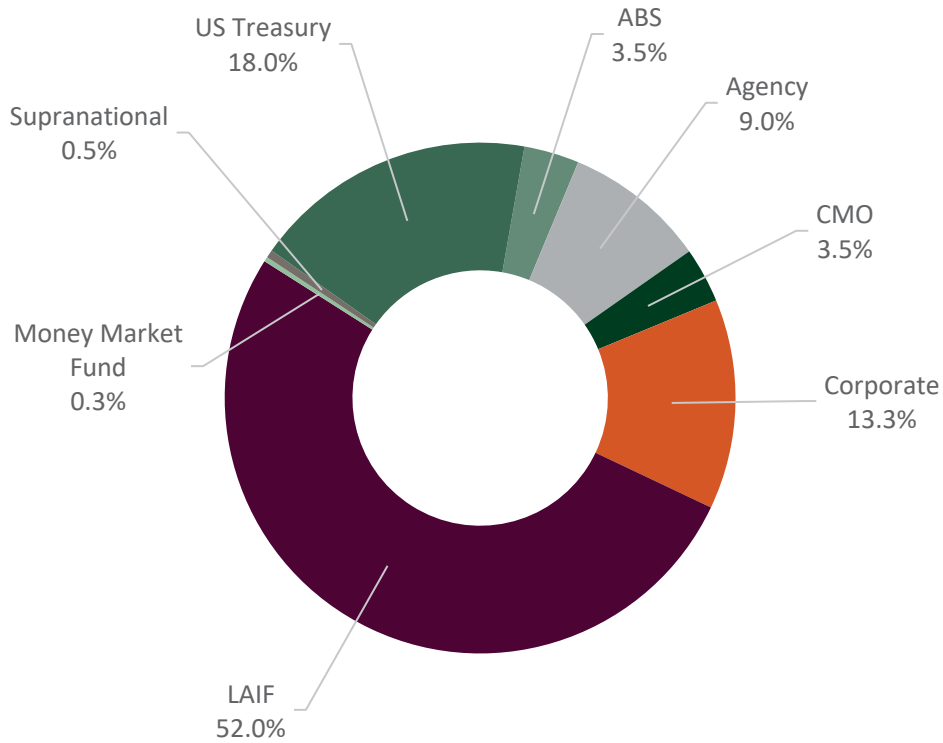
Sector Distribution

As of June 30, 2023

BCVWD - Consolidated Portfolio

June 30, 2023

March 31, 2023



Section 4 | Portfolio Holdings

Holdings Report

As of June 30, 2023

Beaumont Cherry Valley Water District

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
36262XAC8	GM Financial Auto Lease Trust 2021-3 A2 0.390% Due 10/21/2024	81,602.49	05/04/2022 2.99%	78,944.03 80,737.64	98.59 5.86%	80,454.67 9.72	0.22% (282.97)	NR / AAA AAA	1.31 0.25
43813GAC5	Honda Auto Receivables Trust 2021-1 A3 0.270% Due 04/21/2025	105,932.19	Various 2.37%	103,520.77 105,014.65	97.65 6.18%	103,445.65 7.95	0.28% (1,569.00)	Aaa / NR AAA	1.81 0.39
36266FAC3	GM Financial Auto Lease Trust 2022-2 A3 3.420% Due 06/20/2025	130,000.00	05/03/2022 3.45%	129,986.44 129,993.48	98.22 5.90%	127,691.20 135.85	0.34% (2,302.28)	NR / AAA AAA	1.98 0.72
44933LAC7	Hyundai Auto Receivables Trust 2021-A A3 0.380% Due 09/15/2025	162,770.03	04/25/2022 2.62%	158,141.26 160,798.63	97.38 6.00%	158,501.55 27.49	0.43% (2,297.08)	NR / AAA AAA	2.21 0.46
05593AAC3	BMW Vehicle Lease Trust 2023-1 A3 5.160% Due 11/25/2025	50,000.00	02/07/2023 5.22%	49,998.81 49,999.02	99.33 5.75%	49,663.90 43.00	0.13% (335.12)	Aaa / AAA NR	2.41 1.26
44934KAC8	Hyundai Auto Receivables Trust 2021-B A3 0.380% Due 01/15/2026	31,419.19	05/19/2022 2.98%	30,216.43 30,790.80	96.75 5.98%	30,397.25 5.31	0.08% (393.55)	NR / AAA AAA	2.55 0.58
47789QAC4	John Deere Owner Trust 2021-B A3 0.520% Due 03/16/2026	102,114.57	05/02/2022 3.32%	96,769.51 98,934.08	95.80 6.12%	97,824.43 23.60	0.26% (1,109.65)	Aaa / NR AAA	2.71 0.75
89238JAC9	Toyota Auto Receivables Trust 2021-D A3 0.710% Due 04/15/2026	41,000.00	12/14/2022 5.48%	38,612.07 39,206.04	95.77 6.14%	39,264.18 12.94	0.11% 58.14	NR / AAA AAA	2.79 0.78
43815PAC3	Honda Auto Receivables 2022-2 A3 3.730% Due 07/20/2026	50,000.00	08/15/2022 3.76%	49,997.02 49,997.85	97.37 5.56%	48,685.85 67.35	0.13% (1,312.00)	NR / AAA AAA	3.06 1.47
89238FAD5	Toyota Auto Receivables OT 2022-B A3 2.930% Due 09/15/2026	209,000.00	Various 3.26%	207,519.11 208,055.44	96.74 5.69%	202,186.18 272.16	0.55% (5,869.26)	Aaa / AAA NR	3.21 1.20
02582JIR2	American Express 2021-1 A 0.900% Due 11/15/2026	386,000.00	Various 3.23%	364,484.53 374,271.92	93.87 5.66%	362,321.99 154.40	0.98% (11,949.93)	Aaa / NR AAA	3.38 1.32
362585AC5	GM Financial Securitized ART 2022-2 A3 3.100% Due 02/16/2027	40,000.00	04/05/2022 3.13%	39,991.64 39,994.60	96.77 5.72%	38,706.04 51.67	0.10% (1,288.56)	Aaa / AAA NR	3.64 1.25
47800AAC4	John Deere Owner Trust 2022-B A3 3.740% Due 02/16/2027	115,000.00	07/12/2022 3.77%	114,989.02 114,991.93	97.15 5.73%	111,727.56 191.16	0.30% (3,264.37)	Aaa / NR AAA	3.64 1.46
89231CAD9	Toyota Auto Receivables Owner 2022-C A3 3.760% Due 04/15/2027	140,000.00	08/08/2022 3.80%	139,976.61 139,982.74	97.39 5.38%	136,350.48 233.96	0.37% (3,632.26)	NR / AAA AAA	3.79 1.65
36265WAD5	GM Financial Securitized Auto 2022-3 A3 3.640% Due 04/16/2027	55,000.00	07/06/2022 3.67%	54,999.62 54,999.74	97.11 5.59%	53,410.06 83.42	0.14% (1,589.68)	Aaa / NR AAA	3.80 1.51
43815JAC7	Honda Auto Receivables Owner 2023-1 A3 5.040% Due 04/21/2027	50,000.00	02/16/2023 5.10%	49,990.71 49,991.73	99.35 5.43%	49,676.20 70.00	0.13% (315.53)	Aaa / NR AAA	3.81 1.92
02582JIT8	American Express Credit Trust 2022-2 A 3.390% Due 05/17/2027	235,000.00	05/17/2022 3.42%	234,948.02 234,967.29	96.51 5.43%	226,788.87 354.07	0.61% (8,178.42)	NR / AAA AAA	3.88 1.75

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92348KAA1	Verizon Master Trust 2021-1 A 0.500% Due 05/20/2027	300,000.00	10/21/2022 4.28%	279,093.75 285,225.27	95.46 4.14%	286,371.60 45.83	0.77% 1,146.33	Aaa / AAA AAA	3.89 1.26
47800BAC2	John Deere Owner Trust 2022-CA3 5.090% Due 06/15/2027	210,000.00	10/12/2022 5.15%	209,983.70 209,986.81	99.21 5.61%	208,334.70 475.07	0.56% (1,652.11)	Aaa / NR AAA	3.96 1.69
92348KAV5	Verizon Master Trust 2022-5 A1A 3.720% Due 07/20/2027	140,000.00	08/02/2022 3.75%	139,993.84 139,995.81	98.78 5.25%	138,293.96 159.13	0.37% (1,701.85)	NR / AAA AAA	4.06 1.09
58770AAC7	Mercedes-Benz Auto Receivable 2023-1 A3 4.510% Due 11/15/2027	125,000.00	01/18/2023 4.56%	124,985.00 124,986.86	98.33 5.55%	122,910.50 250.56	0.33% (2,076.36)	NR / AAA AAA	4.38 1.69
TOTAL ABS		2,759,838.47	3.70%	2,697,141.89 2,722,922.33	5.52%	2,673,006.82 2,674.64	7.21% (49,915.51)	Aaa / AAA AAA	3.32 1.23

Agency									
3133EJYL7	FFCB Note 2.800% Due 09/05/2023	95,000.00	04/07/2022 2.27%	95,688.47 95,088.23	99.56 5.19%	94,585.61 857.11	0.26% (502.62)	Aaa / AA+ AAA	0.18 0.18
313383YJ4	FHLB Note 3.375% Due 09/08/2023	500,000.00	04/26/2022 2.35%	506,845.00 500,946.50	99.62 5.37%	498,084.00 5,296.88	1.36% (2,862.50)	Aaa / AA+ NR	0.19 0.19
3130APU29	FHLB Note 0.500% Due 11/09/2023	400,000.00	06/28/2022 3.06%	386,424.00 396,428.80	98.25 5.49%	392,983.20 288.89	1.06% (3,445.60)	Aaa / AA+ NR	0.36 0.35
3130AAHE1	FHLB Note 2.500% Due 12/08/2023	150,000.00	04/07/2022 2.43%	150,159.30 150,041.85	98.74 5.44%	148,106.40 239.58	0.40% (1,935.45)	Aaa / AA+ NR	0.44 0.43
3133ENWP1	FFCB Note 2.625% Due 05/16/2024	270,000.00	05/10/2022 2.69%	269,635.50 269,840.44	97.57 5.49%	263,451.69 885.94	0.71% (6,388.75)	Aaa / AA+ AAA	0.88 0.85
3133ENYX2	FFCB Note 3.250% Due 06/17/2024	460,000.00	06/15/2022 3.40%	458,707.40 459,377.57	97.97 5.44%	450,647.74 581.39	1.22% (8,729.83)	Aaa / AA+ AAA	0.97 0.93
3130ASDS5	FHLB Note 2.750% Due 06/28/2024	500,000.00	06/28/2022 3.22%	495,520.00 497,772.27	97.40 5.47%	486,999.00 114.58	1.31% (10,773.27)	Aaa / AA+ NR	1.00 0.96
3133EN4N7	FFCB Note 4.250% Due 12/20/2024	625,000.00	12/15/2022 4.40%	623,181.25 623,661.44	98.49 5.33%	615,579.38 811.63	1.66% (8,082.06)	Aaa / AA+ AAA	1.48 1.40
3130AQMR1	FHLB Callable Note Annual 1/27/2023 1.250% Due 01/27/2025	150,000.00	04/18/2022 2.75%	144,043.95 146,616.68	93.94 5.31%	140,904.75 802.08	0.38% (5,711.93)	Aaa / AA+ NR	1.58 1.52
3135G05X7	FNMA Note 0.375% Due 08/25/2025	500,000.00	06/22/2022 3.27%	456,750.00 470,669.11	90.99 4.83%	454,974.50 656.25	1.23% (15,694.61)	Aaa / AA+ AAA	2.16 2.09
3133EPBJ3	FFCB Note 4.375% Due 02/23/2026	725,000.00	02/21/2023 4.50%	722,426.25 722,726.83	99.22 4.69%	719,339.20 11,277.78	1.97% (3,387.63)	Aaa / AA+ AAA	2.65 2.43
3130ALEM2	FHLB Callable Note Qtrly 11/25/2025 0.790% Due 02/25/2026	400,000.00	05/12/2022 2.96%	369,200.00 378,413.29	90.10 4.81%	360,388.00 1,106.00	0.97% (18,025.29)	Aaa / AA+ NR	2.66 2.56

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3133EPCF0	FFCB Note 4.500% Due 03/02/2026	750,000.00	03/23/2023 3.97%	760,837.50 759,838.51	99.75 4.60%	748,155.00 11,156.25	2.05% (11,683.51)	Aaa / AA+ AAA	2.67 2.46
3133EPBM6	FFCB Note 4.125% Due 08/23/2027	750,000.00	02/21/2023 4.26%	745,935.00 746,251.88	99.51 4.25%	746,303.25 11,000.00	2.04% 51.37	Aaa / AA+ AAA	4.15 3.72
3133EPGW9	FFCB Note 3.875% Due 04/25/2028	800,000.00	04/24/2023 3.76%	804,016.00 803,868.72	98.83 4.14%	790,674.40 5,683.33	2.15% (13,194.32)	Aaa / AA+ AAA	4.82 4.32
TOTAL Agency		7,075,000.00	3.58%	6,989,369.62 7,021,542.12	4.91%	6,911,176.12 50,757.69	18.76% (110,366.00)	Aaa / AA+ AAA	2.23 2.05
CMO									
3137B5KW2	FHLMC K035 A2 3.458% Due 08/25/2023	196,065.34	04/29/2022 1.85%	197,911.11 196,277.72	99.60 4.81%	195,274.03 564.99	0.53% (1,003.69)	NR / NR AAA	0.15 0.13
3137BTU25	FHLMC K724 A2 3.062% Due 11/25/2023	346,209.92	06/13/2022 3.46%	344,546.49 345,745.93	99.09 5.77%	343,075.34 883.41	0.93% (2,670.59)	NR / NR AAA	0.41 0.26
3137BEVH4	FHLMC K040 A2 3.241% Due 09/25/2024	150,000.00	04/21/2022 2.94%	150,726.56 150,371.92	97.32 5.62%	145,980.00 405.13	0.39% (4,391.92)	NR / NR AAA	1.24 1.05
3137BE98	FHLMC K041 A2 3.171% Due 10/25/2024	150,000.00	04/21/2022 2.96%	150,480.47 150,247.53	97.07 5.56%	145,606.95 396.38	0.39% (4,640.58)	Aaa / AAA AAA	1.32 1.16
3137BFXT3	FHLMC K042 A2 2.670% Due 12/25/2024	450,000.00	06/22/2022 3.52%	441,070.31 444,780.96	96.21 5.53%	432,960.75 200.25	1.17% (11,820.21)	Aaa / NR NR	1.49 1.29
3137BHCY1	FHLMC K044 A2 2.811% Due 01/25/2025	368,962.74	06/16/2022 4.46%	360,488.13 363,918.33	96.23 5.44%	355,037.34 864.30	0.96% (8,880.99)	NR / NR AAA	1.58 1.39
3137F4WZ1	FHLMC K731 A2 3.600% Due 02/25/2025	364,117.83	05/03/2022 2.67%	368,271.05 366,526.03	96.98 5.70%	353,104.36 1,092.35	0.95% (13,421.67)	NR / NR AAA	1.66 1.36
3137BM7C4	FHLMC K051 A2 3.308% Due 09/25/2025	400,000.00	05/18/2022 3.06%	402,031.25 401,345.68	96.15 5.21%	384,600.80 1,102.67	1.04% (16,744.88)	NR / NR AAA	2.24 1.96
3137BNGT5	FHLMC K054 A2 2.745% Due 01/25/2026	350,000.00	12/15/2022 4.49%	334,742.19 337,399.91	94.60 5.09%	331,103.50 800.63	0.89% (6,296.41)	NR / AAA NR	2.58 2.29
TOTAL CMO		2,775,355.83	3.39%	2,750,267.56 2,756,614.01	5.42%	2,686,743.07 6,310.11	7.26% (69,870.94)	Aaa / AAA AAA	1.51 1.29
Corporate									
02665WCT6	American Honda Finance Note 3.550% Due 01/12/2024	400,000.00	Various 2.77%	405,283.50 401,616.30	98.90 5.67%	395,609.20 6,666.11	1.08% (6,007.10)	A3 / A- A	0.54 0.51
24422EVN6	John Deere Capital Corp Note 0.450% Due 01/17/2024	400,000.00	Various 2.68%	385,011.00 395,267.13	97.30 5.54%	389,180.80 820.00	1.05% (6,086.33)	A2 / A A+	0.55 0.53

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91159HHV5	US Bancorp Callable Note Cont 1/5/2024 3.375% Due 02/05/2024	150,000.00	04/20/2022 2.95%	151,047.00 150,315.95	98.55 5.88%	147,824.10 2,053.13	0.40% (2,491.85)	A3 / A A	0.60 0.57
637432NL5	National Rural Utilities Callable Note Cont 12/7/2023 2.950% Due 02/07/2024	150,000.00	04/06/2022 2.77%	150,441.00 150,115.33	98.36 5.75%	147,541.80 1,770.00	0.40% (2,573.53)	A1 / A- A+	0.61 0.58
89114QCB2	Toronto Dominion Bank Note 3.250% Due 03/11/2024	400,000.00	Various 3.02%	401,620.50 400,601.17	98.31 5.74%	393,252.40 3,972.22	1.07% (7,348.77)	A1 / A AA-	0.70 0.67
037833CU2	Apple Inc Callable Note Cont 3/11/2024 2.850% Due 05/11/2024	450,000.00	06/22/2022 3.23%	446,895.00 448,576.31	97.84 5.43%	440,296.65 1,781.25	1.19% (8,279.66)	Aaa / AA+ NR	0.87 0.83
747525AT0	Qualcomm Inc Callable Note Cont 3/20/2024 2.900% Due 05/20/2024	400,000.00	Various 2.72%	401,320.00 400,492.93	97.82 5.44%	391,272.80 1,321.11	1.06% (9,220.13)	A2 / A NR	0.89 0.86
69371RR81	Paccar Financial Corp Note 3.150% Due 06/13/2024	290,000.00	06/06/2022 3.16%	289,933.30 289,968.25	97.88 5.47%	283,838.08 456.75	0.77% (6,130.17)	A1 / A+ NR	0.96 0.92
06367TQW3	Bank of Montreal Note 0.625% Due 07/09/2024	425,000.00	04/27/2022 3.22%	401,846.00 414,202.50	94.98 5.74%	403,658.63 1,269.10	1.09% (10,543.87)	A2 / A- AA-	1.03 0.99
79466LAG9	Salesforce.com Inc Callable Note Cont 7/15/2022 0.625% Due 07/15/2024	375,000.00	Various 2.99%	356,177.25 366,134.76	95.19 5.44%	356,961.75 1,080.73	0.97% (9,173.01)	A2 / A+ NR	1.04 1.01
05531FBH5	Truist Financial Corporation Callable Note Cont 7/1/2024 2.500% Due 08/01/2024	400,000.00	Various 3.07%	395,039.00 397,614.60	96.05 6.32%	384,186.40 4,166.67	1.05% (13,428.20)	A3 / A- A	1.09 1.03
693475AY1	PNC Financial Services Callable Note Cont 10/2/2024 2.200% Due 11/01/2024	150,000.00	04/11/2022 2.99%	147,117.00 148,488.97	95.02 6.14%	142,525.05 550.00	0.39% (5,963.92)	A3 / A- A	1.34 1.28
89236TJT3	Toyota Motor Credit Corp Note 1.450% Due 01/13/2025	150,000.00	04/18/2022 3.00%	143,931.00 146,585.81	94.32 5.35%	141,483.30 1,015.00	0.38% (5,102.51)	A1 / A+ A+	1.54 1.47
00440EAS6	Chubb INA Holdings Inc Note 3.150% Due 03/15/2025	450,000.00	Various 3.67%	443,992.50 446,227.44	96.53 5.30%	434,365.65 4,173.75	1.18% (11,861.79)	A3 / A A	1.71 1.62
69371RR73	Paccar Financial Corp Note 2.850% Due 04/07/2025	120,000.00	03/31/2022 2.86%	119,968.80 119,981.61	95.71 5.42%	114,852.36 798.00	0.31% (5,129.25)	A1 / A+ NR	1.77 1.68
023135CE4	Amazon.com Inc Note 3.000% Due 04/13/2025	450,000.00	Various 3.22%	447,451.25 448,346.07	96.47 5.09%	434,114.10 2,925.00	1.18% (14,231.97)	A1 / AA AA-	1.79 1.70
78016EZ59	Royal Bank of Canada Note 3.375% Due 04/14/2025	400,000.00	Various 3.64%	397,033.20 398,198.31	96.27 5.59%	385,070.00 2,887.50	1.05% (13,128.31)	A1 / A AA-	1.79 1.69

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06406RBC0	Bank of NY Mellon Corp Callable Note Cont 3/25/2025 3.350% Due 04/25/2025	400,000.00	Various 3.27%	400,918.40 400,546.72	96.16 5.60%	384,626.40 2,456.66	1.04% (15,920.32)	A1 / A AA-	1.82 1.72
808513AX3	Charles Schwab Corp Callable Note Cont 3/21/2025 3.850% Due 05/21/2025	450,000.00	06/22/2022 3.80%	450,561.98 450,353.13	96.25 5.98%	433,108.80 1,925.00	1.17% (17,244.33)	A2 / A- A	1.89 1.78
46647PCH7	JP Morgan Chase & Co Callable Note Cont 6/1/2024 0.824% Due 06/01/2025	400,000.00	Various 4.20%	378,688.50 386,761.91	95.06 6.07%	380,254.80 274.67	1.03% (6,507.11)	A1 / A- AA-	1.92 1.83
63743HFE7	National Rural Utilities Note 3.450% Due 06/15/2025	60,000.00	04/27/2022 3.46%	59,983.80 59,989.82	96.20 5.52%	57,718.80 92.00	0.16% (2,271.02)	A2 / A- A	1.96 1.86
26442UAA2	Duke Energy Progress LLC Callable Note Cont 5/15/25 3.250% Due 08/15/2025	400,000.00	Various 3.26%	399,859.00 399,899.92	95.92 5.30%	383,696.40 4,911.11	1.05% (16,203.52)	Aa3 / A NR	2.13 1.99
89236TKF1	Toyota Motor Credit Corp Note 3.650% Due 08/18/2025	180,000.00	08/15/2022 3.68%	179,838.00 179,884.86	96.63 5.34%	173,926.98 2,427.25	0.48% (5,957.88)	A1 / A+ A+	2.14 1.99
931142EW9	Wal-Mart Stores Note 3.900% Due 09/09/2025	100,000.00	09/06/2022 3.92%	99,930.00 99,948.84	98.00 4.87%	98,004.30 1,213.33	0.27% (1,944.54)	Aa2 / AA AA	2.20 2.05
437076CR1	Home Depot Callable Note Cont 8/15/2025 4.000% Due 09/15/2025	450,000.00	09/14/2022 4.12%	448,560.00 448,935.82	98.06 4.94%	441,249.75 5,300.00	1.20% (7,686.07)	A2 / A A	2.21 2.06
63743HFF4	National Rural Utilities Note 5.450% Due 10/30/2025	145,000.00	10/20/2022 5.50%	144,805.70 144,848.82	100.04 5.43%	145,051.33 1,339.03	0.39% 202.51	A2 / A- A	2.34 2.15
637432NG6	National Rural Utilities Callable Note Cont 8/1/2025 3.250% Due 11/01/2025	60,000.00	04/14/2022 3.31%	59,880.00 59,920.68	95.11 5.51%	57,064.08 325.00	0.15% (2,856.60)	A1 / A- A+	2.34 2.19
756109BE3	Realty Income Corp Callable Note Cont 9/1/2025 4.625% Due 11/01/2025	400,000.00	09/20/2022 4.64%	399,764.00 399,822.58	98.41 5.35%	393,643.20 3,083.33	1.07% (6,179.38)	A3 / A- NR	2.34 2.17
14913R3B1	Caterpillar Financial Service Note 4.800% Due 01/06/2026	370,000.00	01/20/2023 4.35%	374,554.70 373,887.13	99.78 4.89%	369,191.18 8,633.33	1.02% (4,695.95)	A2 / A A+	2.52 2.29
61747YET8	Morgan Stanley Callable Note Cont 7/17/2025 4.679% Due 07/17/2026	400,000.00	09/20/2022 5.55%	395,440.00 396,362.47	98.13 5.66%	392,515.20 8,526.18	1.08% (3,847.27)	A1 / A- A+	3.05 1.88
665859AW4	Northern Trust Company Callable Note Cont 4/10/2027 4.000% Due 05/10/2027	450,000.00	Various 3.99%	450,269.40 450,216.16	96.34 5.05%	433,517.85 2,550.00	1.18% (16,698.31)	A2 / A+ A+	3.86 3.50

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91324PEG3	United Health Group Inc Callable Note Cont 4/15/2027 3.700% Due 05/15/2027	115,000.00	05/17/2022 3.69%	115,055.80 115,043.34	96.40 4.73%	110,858.29 543.69	0.30% (4,185.05)	A3 / A+ A	3.88 3.54
341081GN1	Florida Power and Light Callable Note Cont 3/15/2028 4.400% Due 05/15/2028	450,000.00	05/23/2023 4.59%	446,175.00 446,252.89	98.12 4.84%	441,545.40 2,365.00	1.20% (4,707.49)	Aa2 / A+ AA-	4.88 4.31
58933YBH7	Merck & Co Callable Note Cont 4/17/2028 4.050% Due 05/17/2028	110,000.00	05/08/2023 4.07%	109,910.90 109,913.09	98.26 4.45%	108,088.09 544.50	0.29% (1,825.00)	A1 / A+ NR	4.88 4.36
TOTAL Corporate		10,500,000.00	3.60%	10,398,302.48 10,445,321.62	5.46%	10,190,093.92 84,216.40	27.69% (255,227.70)	A1 / A A+	1.86 1.69
Money Market Fund									
31846V807	First American Treasury MMF Class Y	246,188.77	Various 4.72%	246,188.77 246,188.77	1.00 4.72%	246,188.77 0.00	0.66% 0.00	Aaa / AA+ AAA	0.00 0.00
TOTAL Money Market Fund		246,188.77	4.72%	246,188.77	4.72%	246,188.77 0.00	0.66% 0.00	Aaa / AA+ AAA	0.00 0.00
Supranational									
4581X0EE4	Inter-American Dev Bank Note 3.250% Due 07/01/2024	365,000.00	06/22/2022 3.26%	364,963.50 364,981.73	97.81 5.53%	356,991.54 5,931.25	0.98% (7,990.19)	Aaa / AAA AAA	1.01 0.95
TOTAL Supranational		365,000.00	3.26%	364,963.50 364,981.73	5.53%	356,991.54 5,931.25	0.98% (7,990.19)	Aaa / AAA AAA	1.01 0.95
US Treasury									
91282CAP6	US Treasury Note 0.125% Due 10/15/2023	220,000.00	05/04/2022 2.62%	212,274.22 218,448.99	98.55 5.14%	216,820.34 57.86	0.58% (1,628.65)	Aaa / AA+ AAA	0.29 0.29
91282CAW1	US Treasury Note 0.250% Due 11/15/2023	750,000.00	Various 2.62%	723,837.89 743,508.87	98.16 5.25%	736,201.50 239.46	1.98% (7,307.37)	Aaa / AA+ AAA	0.38 0.37
91282CBV2	US Treasury Note 0.375% Due 04/15/2024	750,000.00	Various 2.70%	717,480.47 736,657.37	96.14 5.42%	721,025.25 591.69	1.94% (15,632.12)	Aaa / AA+ AAA	0.79 0.77
91282CCG4	US Treasury Note 0.250% Due 06/15/2024	775,000.00	Various 2.92%	733,680.66 755,928.30	95.21 5.44%	737,914.70 84.69	1.99% (18,013.60)	Aaa / AA+ AAA	0.96 0.93
91282CCT6	US Treasury Note 0.375% Due 08/15/2024	750,000.00	Various 2.78%	711,445.31 730,427.41	94.61 5.37%	709,570.50 1,056.63	1.92% (20,856.91)	Aaa / AA+ AAA	1.13 1.09
91282CCX7	US Treasury Note 0.375% Due 09/15/2024	750,000.00	Various 2.83%	708,437.50 728,579.92	94.25 5.34%	706,904.25 825.42	1.91% (21,675.67)	Aaa / AA+ AAA	1.21 1.17

Holdings Report

As of June 30, 2023

Beaumont Cherry Valley Water District

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration	
91282CDB4	US Treasury Note 0.625% Due 10/15/2024	750,000.00	Various 2.88%	711,455.08 729,002.20	94.21 5.32%	706,611.00 986.17	1.91% (22,391.20)	Aaa / AA+ AAA	1.30 1.25	
91282CDH1	US Treasury Note 0.750% Due 11/15/2024	750,000.00	Various 2.93%	710,820.32 728,493.66	94.05 5.29%	705,410.25 718.41	1.90% (23,083.41)	Aaa / AA+ AAA	1.38 1.33	
91282CDN8	US Treasury Note 1.000% Due 12/15/2024	750,000.00	Various 3.13%	711,869.14 727,709.98	94.11 5.24%	705,849.76 327.87	1.90% (21,860.22)	Aaa / AA+ AAA	1.46 1.41	
91282CDS7	US Treasury Note 1.125% Due 01/15/2025	775,000.00	Various 3.02%	737,794.93 753,445.90	94.04 5.20%	728,803.03 4,022.19	1.98% (24,642.87)	Aaa / AA+ AAA	1.55 1.49	
91282CDZ1	US Treasury Note 1.500% Due 02/15/2025	750,000.00	Various 2.88%	723,125.00 733,884.19	94.38 5.14%	707,871.00 4,226.52	1.92% (26,013.19)	Aaa / AA+ AAA	1.63 1.56	
91282CED9	US Treasury Note 1.750% Due 03/15/2025	750,000.00	Various 2.93%	726,035.16 735,593.23	94.59 5.09%	709,453.50 3,851.91	1.92% (26,139.73)	Aaa / AA+ AAA	1.71 1.64	
91282CEH0	US Treasury Note 2.625% Due 04/15/2025	500,000.00	06/28/2022 3.23%	491,933.59 494,833.07	95.92 5.03%	479,609.50 2,761.27	1.30% (15,223.57)	Aaa / AA+ AAA	1.79 1.71	
912828XB1	US Treasury Note 2.125% Due 05/15/2025	750,000.00	Various 3.09%	729,971.68 737,155.82	94.97 4.97%	712,266.00 2,035.50	1.93% (24,889.82)	Aaa / AA+ AAA	1.88 1.80	
91282CEU1	US Treasury Note 2.875% Due 06/15/2025	670,000.00	06/28/2022 3.22%	663,457.03 665,676.32	96.19 4.94%	644,482.38 842.08	1.74% (21,193.94)	Aaa / AA+ AAA	1.96 1.87	
91282CAB7	US Treasury Note 0.250% Due 07/31/2025	800,000.00	Various 3.08%	732,058.59 755,377.75	91.00 4.84%	727,968.80 834.26	1.96% (27,408.95)	Aaa / AA+ AAA	2.09 2.03	
91282CFP1	US Treasury Note 4.250% Due 10/15/2025	600,000.00	10/18/2022 4.46%	596,554.69 597,359.23	98.88 4.77%	593,296.80 5,364.75	1.61% (4,062.43)	Aaa / AA+ AAA	2.30 2.14	
91282CFW6	US Treasury Note 4.500% Due 11/15/2025	750,000.00	11/09/2022 4.55%	748,945.31 749,164.72	99.48 4.73%	746,103.75 4,310.46	2.02% (3,060.97)	Aaa / AA+ AAA	2.38 2.21	
91282CBT7	US Treasury Note 0.750% Due 03/31/2026	750,000.00	Various 2.97%	690,097.65 707,064.00	90.38 4.51%	677,871.00 1,413.93	1.83% (29,193.00)	Aaa / AA+ AAA	2.75 2.66	
91282CGT2	US Treasury Note 3.625% Due 03/31/2028	800,000.00	06/15/2023 3.96%	788,312.50 788,412.68	97.67 4.17%	781,375.20 7,289.62	2.13% (7,037.48)	Aaa / AA+ AAA	4.76 4.27	
91282CHA2	US Treasury Note 3.500% Due 04/30/2028	400,000.00	05/23/2023 3.74%	395,640.63 395,732.51	97.17 4.15%	388,687.60 2,358.70	1.05% (7,044.91)	Aaa / AA+ AAA	4.84 4.37	
TOTAL US Treasury				14,540,000.00	3.17%	13,965,227.35 14,212,456.12	5.03%	13,844,096.11 37.43% (368,360.01)	Aaa / AA+ AAA	1.83 1.73
TOTAL PORTFOLIO				38,261,383.07	3.43%	37,411,461.17 37,770,026.70	5.19%	36,908,296.35 194,089.48 (861,730.35)	Aa2 / AA AAA	1.98 1.69
TOTAL MARKET VALUE PLUS ACCRUALS						37,102,385.83				



Holdings Report

As of June 30, 2023

BCVWD - Reporting Portfolio [REDACTED]

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
LAIF									
90LAIF\$00	Local Agency Investment Fund State Pool	39,931,074.85	Various 3.26%	39,931,074.85 39,931,074.85	1.00 3.26%	39,931,074.85 299,019.25	100.00% 0.00	NR / NR NR	0.00 0.00
TOTAL LAIF		39,931,074.85	3.26%	39,931,074.85	3.26%	39,931,074.85 299,019.25	100.00% 0.00	NR / NR NR	0.00 0.00
TOTAL PORTFOLIO		39,931,074.85	3.26%	39,931,074.85	3.26%	39,931,074.85 299,019.25	100.00% 0.00	NR / NR NR	0.00 0.00
TOTAL MARKET VALUE PLUS ACCRUALS						40,230,094.10			

Section 5 | Transactions

Transaction Ledger

As of June 30, 2023

Beaumont Cherry Valley Water District

March 31, 2023 through June 30, 2023

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	04/25/2023	3133EPGW9	800,000.00	FFCB Note 3.875% Due: 04/25/2028	100.502	3.76%	804,016.00	0.00	804,016.00	0.00
Purchase	05/17/2023	58933YBH7	110,000.00	Merck & Co Callable Note Cont 4/17/2028 4.05% Due: 05/17/2028	99.919	4.07%	109,910.90	0.00	109,910.90	0.00
Purchase	05/24/2023	91282CHA2	400,000.00	US Treasury Note 3.5% Due: 04/30/2028	98.910	3.74%	395,640.63	913.04	396,553.67	0.00
Purchase	05/25/2023	341081GN1	450,000.00	Florida Power and Light Callable Note Cont 3/15/2028 4.4% Due: 05/15/2028	99.150	4.59%	446,175.00	385.00	446,560.00	0.00
Purchase	06/16/2023	91282CGT2	800,000.00	US Treasury Note 3.625% Due: 03/31/2028	98.539	3.96%	788,312.50	6,101.09	794,413.59	0.00
Subtotal			2,560,000.00				2,544,055.03	7,399.13	2,551,454.16	0.00
TOTAL ACQUISITIONS			2,560,000.00				2,544,055.03	7,399.13	2,551,454.16	0.00
DISPOSITIONS										
Sale	05/24/2023	91282CAF8	750,000.00	US Treasury Note 0.125% Due: 08/15/2023	98.836	2.44%	741,269.53	253.80	741,523.33	-4,854.47
Subtotal			750,000.00				741,269.53	253.80	741,523.33	-4,854.47
Maturity	04/20/2023	3137EAEQ8	500,000.00	FHLMC Note 0.375% Due: 04/20/2023	100.000		500,000.00	0.00	500,000.00	0.00
Maturity	06/15/2023	912828ZU7	750,000.00	US Treasury Note 0.25% Due: 06/15/2023	100.000		750,000.00	0.00	750,000.00	0.00
Subtotal			1,250,000.00				1,250,000.00	0.00	1,250,000.00	0.00
TOTAL DISPOSITIONS			2,000,000.00				1,991,269.53	253.80	1,991,523.33	-4,854.47

2023 Chandler Asset Management, Inc, An Independent Registered Investment Adviser.

Information contained herein is confidential. Prices are provided by ICE Data Services Inc ("IDS"), an independent pricing source. In the event IDS does not provide a price or if the price provided is not reflective of fair market value, Chandler will obtain pricing from an alternative approved third party pricing source in accordance with our written valuation policy and procedures. Our valuation procedures are also disclosed in Item 5 of our Form ADV Part 2A.

Performance results are presented gross-of-advisory fees and represent the client's Total Return. The deduction of advisory fees lowers performance results. These results include the reinvestment of dividends and other earnings. Past performance may not be indicative of future results. Therefore, clients should not assume that future performance of any specific investment or investment strategy will be profitable or equal to past performance levels. All investment strategies have the potential for profit or loss. Economic factors, market conditions or changes in investment strategies, contributions or withdrawals may materially alter the performance and results of your portfolio.

Index returns assume reinvestment of all distributions. Historical performance results for investment indexes generally do not reflect the deduction of transaction and/or custodial charges or the deduction of an investment management fee, the incurrence of which would have the effect of decreasing historical performance results. It is not possible to invest directly in an index.

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Fixed income investments are subject to interest, credit and market risk. Interest rate risk: the value of fixed income investments will decline as interest rates rise. Credit risk: the possibility that the borrower may not be able to repay interest and principal. Low rated bonds generally have to pay higher interest rates to attract investors willing to take on greater risk. Market risk: the bond market in general could decline due to economic conditions, especially during periods of rising interest rates.

Ratings information have been provided by Moody's, S&P and Fitch through data feeds we believe to be reliable as of the date of this statement, however we cannot guarantee its accuracy.

Security level ratings for U.S. Agency issued mortgage-backed securities ("MBS") reflect the issuer rating because the securities themselves are not rated. The issuing U.S. Agency guarantees the full and timely payment of both principal and interest and carries a AA+/Aaa/AAA by S&P, Moody's and Fitch respectively.

Your qualified custodian bank maintains control of all assets reflected in this statement and we urge you to compare this statement to the one you receive from your qualified custodian. Chandler does not have any authority to withdraw or deposit funds from/to the custodian account.

ICE BofA 1-3 Yr US Treasury Index

The ICE BofA 1-3 Year US Treasury Index tracks the performance of US dollar-denominated sovereign debt publicly issued by the US government in its domestic market. Qualifying securities must have at least one year remaining term to final maturity and less than three years remaining term to final maturity, a fixed coupon schedule, and a minimum amount outstanding of \$1 billion. Qualifying securities must have at least 18 months to final maturity at the time of issuance.



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 2c

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Grant Activity Quarterly Update

Staff Recommendation

Direct staff as desired.

Executive Summary

The Board of Directors has directed District staff to pursue grant funding opportunities from all sources and using various resources, including District staff and contracted grant writing services. Tables 1 thru 4 reflect the grant activity until June 30, 2023.

Background

At the October 25, 2018, Engineering Workshop, the Board of Directors approved a contract with Townsend Public Affairs, Inc. (Townsend) for grant writing services. District staff worked with Townsend for three years evaluating grant eligibility requirements, submitting applications for grant funding, providing legislative updates related to COVID-19 during the pandemic, and lobbying for additional funding opportunities in the State and Federal budget. After the contract ended, at the October 28, 2021, Regular Board meeting, the Board of Directors instructed staff to implement the RFP process to attain a grant writing consultant.

At the District's April 13, 2022, Regular Board meeting, the Board of Directors authorized the General Manager to enter into a contract with Townsend for grant writing services. The approval is for an initial one-year agreement with three optional one-year extensions based on annual Board approval.

Tables 1-3 provide details on the Automatic Meter Read/Advanced Metering Infrastructure Deployment Program (AMR/AMI). Table 4 (attached) summarizes the awarded funding and/or agreements related to efforts made by Townsend and District staff.

Table 1 - Current Anticipated Cost Allocation

Item	Description	Cost
1	BOR WaterSMART Grant Funds	\$ 1,500,000
2	BCVWD Matching Funds	\$ 1,500,000
3	Additional BCVWD Funds or Future Grant Opportunities	\$ 2,510,000
	Total Estimated Project Cost	\$ 5,510,000



Table 2 - Status of Meters upgraded to be AMI compatible

Period	Total number of installed meters ⁽¹⁾	New Installs ⁽²⁾	Replaced : Maintenance ⁽²⁾	Replaced : AMR/AMI Project ⁽²⁾	Total AMI capable meters ⁽¹⁾	% converted to AMI ⁽¹⁾
Beginning Count Sept 2019	19,154				4,957	26%
Oct 2019-Dec 2019	19,349	195	176	55	5,383	28%
Jan 2020-Mar 2020	19,456	107	104	54	5,648	29%
Apr 2020-Jun 2020	19,548	92	149	0	5,889	30%
Jul 2020-Sept 2020	19,660	112	51	190	6,242	32%
Oct 2020-Dec 2020	19,690	30	10	898	7,180	36%
Jan 2021-Mar 2021	19,743	53	4	1,994	9,231	47%
Apr 2021-Jun 2021	19,840	97	15	1,597	10,940	55%
Jul 2021-Sept 2021	19,995	155	8	1,870	12,973	65%
Oct 2021- Dec 2021	20,095	100	18	876	13,967	70%
Jan 2022-Mar 2022	20,291	196	0	1,829	15,990	79%
Apr 2022-Jun 2022	20,445	154	13	1,660	17,458	85%
Jul 2022-Sept 2022	20,709	264	0	832	18,808	91%
Oct-Dec 2022	20,819	110	5	1,244	19,952	96%
Jan-Mar 2023	20,922	103	5	661	20,731	99%
Apr 2023-Jun 2023	21,049	127	0	47	20,905	99%



Table 3 - Submitted expenses to BOR for 50% Matching reimbursement

Period	Expenditures specific to project	BOR 50% cost share	Allowable administrative costs ⁽¹⁾	Total Maximum Federal contribution ⁽²⁾
Oct 2019-Sept 2020	\$71,811	\$35,905	\$46	\$35,951
Oct 2020-Dec 2020	\$302,439	\$151,219	\$21	\$151,240
Jan 2021-Mar 2021	\$528,665	\$264,332	\$96	\$264,428
Apr 2021-Jun 2021	\$427,098	\$213,549	\$35	\$213,584
Jul 2021-Sept 2021	\$564,757	\$282,378	\$10	\$282,388
Oct 2021- Dec 2021	\$247,968	\$123,984	\$1	\$123,985
Jan 2022-Mar 2022	\$475,108	\$237,554	\$2	\$237,556
Apr 2022-Jun 2022	\$469,220	\$234,609	\$17	\$234,626
Jul 2022-Sept 2022	\$276,197	\$138,098	\$0	\$138,098
Oct 2022- Dec 2022	\$389,999	\$194,999	\$14	\$195,013
Jan 2023-Mar 2023	\$205,730	\$102,864	\$0	\$102,864
Apr 2023-Jun 2023	\$53,511	\$26,755	\$11	\$26,766
Total Allowable	\$4,012,503	\$1,979,491	\$242	\$1,979,733

Attachments

1. Table 4 – Summary of received funding and/or grant agreements

Staff Report prepared by Lorena Lopez, Management Analyst II

TABLE 4 - Summary of received funding and/or grant agreements

Funding Program	Procured by	Project	Award	Estimated Project Cost	Project Timeframe	Summary	Status as of 06/30/2023
BOR WaterSMART: Water and Energy Efficiency Grant for Fiscal Years 2020 and 2021	Townsend Public Affairs February 2022	Automatic Meter Read/Advanced Metering Infrastructure Deployment Program (AMR/AMI)	\$1.5 million; cost-sharing grant of at least 50%	\$5.51 million (see additional detail on tables 2-4)	September 2019 – December 2023	Implementation of conversion from manual to radio read meters.	99% of devices converted however delay in receipt of larger meters. Pending extension request to April 2024.
American Rescue Plan Act (ARPA) funding through the County of Riverside	General Manager May 2022	24" 3040 Pressure Zone Cherry Avenue/International Park Road Transmission Pipeline	\$ 1,282,900	\$ 5,163,000	May 2022-December 2025	24" diameter pipeline to increase the capacity of the water and transmission system.	Design plans and CEQA/NEPA approved. Construction pending bid opening with contract goal for October 2023
American Rescue Plan Act (ARPA) funding through the County of Riverside	General Manager May 2022	"B" Line Upper Edgar Transmission Pipeline and Facilities Project	\$ 1,300,000	\$ 2,104,900	May 2022-December 2024	Replaces a 10" diameter pipeline with frequent leaks.	Design plans pending final review. CEQA/NEPA scheduled for public hearing and adoption.
County of Riverside: Low-Income Household Water Assistance Program (LIHWAP)	Finance Staff April 2022	Outstanding Utility Billing charges (general application)	Total of \$15,577.12 awarded; applied to 46 accounts	None to District	July 2022-August 2023	Provides qualifying low-income residents one-time payment of up to \$2,000 toward their utility bill.	Ongoing; includes \$1,736 received in July 2023 for 6 accounts; Notification received State may extend program to December 2023

Funding Program	Procured by	Project	Award	Estimated Project Cost	Project Timeframe	Summary	Status as of 06/30/2023
County of Riverside: Lift to Rise	Finance Staff May 2021	Outstanding Utility Billing charges (general application)	Total of \$16,574.79 awarded; applied to 23 accounts	None to District	May 2021-August 2022	Emergency rental assistance, including utilities, for past due balances.	Completed (November 2022)
JPIA Risk Control Program	Operations staff March 2021	Communication Upgrade Project (general application)	\$ 10,000	\$ 32,618	2021- 2022	For the purchase of handheld radios deployed to all field staff, HR, management, and the District's main office.	Completed (May 2022)
California Water and Wastewater Arrearage Payment Program, funded by the State Water Resources Control Board using federal ARPA funds	Finance Staff December 2021	Outstanding Utility Billing charges from March 3, 2020 to December 31, 2021	\$ 165,761	\$ 123,244	2020-2022	Provided funds for community water systems that have accrued residential and commercial customer arrearages during the COVID-19 pandemic relief period from March 3, 2020, to June 15, 2021.	Completed (April 2022)

Beaumont-Cherry Valley Water District
Year-To-Date Analysis of Electric Cost to Pump Groundwater
Through June
Year-Over-Year Comparison

Item 2d

Total Electric Bill Per AF Produced					
WELL ⁽¹⁾	2023	2022	2021	2020	2019
<i>CANYON WELLS</i>					
WELL RR1	\$ -	\$ -	\$ -	\$ -	\$ -
WELL 4A	\$ 37.09	\$ 92.58	\$ 73.05	\$ 2.65	\$ 38.50
WELL 5	\$ 57.43	\$ 41.42	\$ 41.66	\$ 25.20	\$ 28.12
WELL 6	\$ 78.13	\$ 55.81	\$ 52.79	\$ 69.29	\$ 55.11
WELL 9A	\$ -	\$ -	\$ -	\$ -	\$ -
WELL 10	\$ 99.00	\$ -	\$ 365.29	\$ 87.63	\$ -
WELL 11	\$ 352.71	\$ 275.09	\$ 94.46	\$ 51.91	\$ 63.93
WELL 12/13	\$ 63.59	\$ 84.15	\$ 59.67	\$ 44.19	\$ 56.12
WELL 14	\$ 140.13	\$ 177.22	\$ -	\$ 390.42	\$ 257.52
WELL 18	\$ -	\$ -	\$ 71.84	\$ 57.16	\$ -
WELL 19	\$ 34.40	\$ 108.93	\$ 318.29	\$ 40.06	\$ 30.70
WELL 20	\$ 54.17	\$ 62.99	\$ 62.17	\$ 37.61	\$ 31.10
TOTAL CANYON WELLS	\$ 61.86	\$ 84.47	\$ 68.32	\$ 55.15	\$ 53.37
<i>CITY WELLS</i>					
WELL 3	\$ 172.28	\$ 134.67	\$ 111.86	\$ 117.56	\$ -
WELL 16	\$ 285.54	\$ 163.64	\$ 195.13	\$ 197.72	\$ 810.17
WELL 21	\$ 159.62	\$ 130.72	\$ 111.55	\$ 103.09	\$ 78.39
WELL 22	\$ 199.59	\$ 146.46	\$ 156.34	\$ 109.95	\$ 109.66
WELL 23	\$ 227.80	\$ 239.14	\$ 168.50	\$ 132.84	\$ 202.52
WELL 24	\$ 155.54	\$ 145.44	\$ -	\$ 100.32	\$ 112.20
WELL 25	\$ 343.61	\$ 124.72	\$ 180.13	\$ 166.97	\$ 141.08
WELL 26	\$ 199.50	\$ 147.16	\$ 131.06	\$ 99.05	\$ 115.98
WELL 29	\$ -	\$ -	\$ 210.46	\$ 192.53	\$ 929.32
TOTAL CITY WELLS	\$ 209.73	\$ 143.44	\$ 162.68	\$ 132.73	\$ 137.15
<i>BOOSTER STATIONS - NO ADDITIONAL PRODUCTION</i>					
BOOSTERS 21A & B	\$ -	\$ -	\$ -	\$ -	\$ -
HIGHLAND SPRINGS	\$ -	\$ -	\$ -	\$ -	\$ -
NOBLE BOOSTER	\$ -	\$ -	\$ -	\$ -	\$ -
UPPER EDGAR BOOSTER	\$ -	\$ -	\$ -	\$ -	\$ -
12TH & PALM BOOSTERS	\$ -	\$ -	\$ -	\$ -	\$ -
4A BOOSTER	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL BOOSTER STATIONS	\$ 7.34	\$ 11.09	\$ 7.79	\$ 6.05	\$ 4.81

⁽¹⁾ Data is still being aggregated and consolidated - SCE billing for some facilities can be behind by a month or more

Beaumont-Cherry Valley Water District
Year-To-Date Analysis of Electric Cost to Pump Groundwater
Through June 2023

WELL ⁽¹⁾	CCF Produced	AF Produced	Total Electric Bill	Total Electric Bill Per CCF Produced	Total Electric Bill Per AF Produced
<i>CANYON WELLS</i>					
WELL RR1	-	-	\$ -	\$ -	\$ -
WELL 4A	68,516	157.2911	\$ 5,833.37	\$ 0.09	\$ 37.09
WELL 5	33,741	77.4582	\$ 4,448.21	\$ 0.13	\$ 57.43
WELL 6	32,042	73.5581	\$ 5,747.19	\$ 0.18	\$ 78.13
WELL 9A	-	-	\$ 22.02	\$ -	\$ -
WELL 10	18,945	43.4913	\$ 4,305.68	\$ 0.23	\$ 99.00
WELL 11	1,408	3.2330	\$ 1,140.33	\$ 0.81	\$ 352.71
WELL 12/13	81,136	186.2615	\$ 11,844.68	\$ 0.15	\$ 63.59
WELL 14	29,202	67.0393	\$ 9,394.20	\$ 0.32	\$ 140.13
WELL 18	10,188	23.3884	\$ -	\$ -	\$ -
WELL 19	54,524	125.1697	\$ 4,306.11	\$ 0.08	\$ 34.40
WELL 20	12,307	28.2528	\$ 1,530.41	\$ 0.12	\$ 54.17
TOTAL CANYON WELLS	342,008	785.1433	\$ 48,572.20	\$ 0.14	\$ 61.86
<i>CITY WELLS</i>					
WELL 3	89,774	206.0927	\$ 35,505.69	\$ 0.40	\$ 172.28
WELL 16	46,761	107.3485	\$ 30,652.50	\$ 0.66	\$ 285.54
WELL 21	289,742	665.1561	\$ 106,174.39	\$ 0.37	\$ 159.62
WELL 22	182,993	420.0941	\$ 83,845.93	\$ 0.46	\$ 199.59
WELL 23	431,975	991.6781	\$ 225,899.88	\$ 0.52	\$ 227.80
WELL 24	364,931	837.7663	\$ 130,306.41	\$ 0.36	\$ 155.54
WELL 25	168,483	386.7833	\$ 132,904.22	\$ 0.79	\$ 343.61
WELL 26	148,908	341.8457	\$ 68,198.01	\$ 0.46	\$ 199.50
WELL 29	-	-	\$ 16,353.38	\$ -	\$ -
TOTAL CITY WELLS	1,723,567	3,956.7649	\$ 829,840.41	\$ 0.48	\$ 209.73
<i>BOOSTER STATIONS - NO ADDITIONAL PRODUCTION</i>					
BOOSTERS 21A & B			\$ 19,154.77		
HIGHLAND SPRINGS			\$ 1,759.18		
NOBLE BOOSTER			\$ 3,212.84		
UPPER EDGAR BOOSTER			\$ 813.51		
12TH & PALM BOOSTERS			\$ 9,574.63		
4A BOOSTER			\$ 285.48		
TOTAL BOOSTER STATIONS	2,065,575	4,741.9082	\$ 34,800.41	\$ 0.02	\$ 7.34

(1) Data is still being aggregated and consolidated - SCE billing for some facilities can be behind by a month or more

Beaumont-Cherry Valley Water District
Year-To-Date Analysis of Electric Cost to Pump Groundwater
Through June 2022

WELL	CCF Produced	AF Produced	Total Electric Bill	Total Electric Bill Per CCF Produced	Total Electric Bill Per AF Produced
<i>CANYON WELLS</i>					
WELL RR1	-	-	\$ -	\$ -	\$ -
WELL 4A	69,556	159.6786	\$ 14,783.53	\$ 0.21	\$ 92.58
WELL 5	39,713	91.1692	\$ 3,776.14	\$ 0.10	\$ 41.42
WELL 6	44,397	101.9219	\$ 5,688.48	\$ 0.13	\$ 55.81
WELL 9A	-	-	\$ 53.46	\$ -	\$ -
WELL 10	-	-	\$ 368.13	\$ -	\$ -
WELL 11	4,046	9.2888	\$ 2,555.24	\$ 0.63	\$ 275.09
WELL 12/13	45,110	103.5588	\$ 8,714.62	\$ 0.19	\$ 84.15
WELL 14	14,703	33.7541	\$ 5,982.00	\$ 0.41	\$ 177.22
WELL 18	-	-	\$ 368.13	\$ -	\$ -
WELL 19	11,807	27.1051	\$ 2,952.61	\$ 0.25	\$ 108.93
WELL 20	15,676	35.9871	\$ 2,266.97	\$ 0.14	\$ 62.99
TOTAL CANYON WELLS	245,009	562.4637	\$ 47,509.31	\$ 0.19	\$ 84.47
<i>CITY WELLS</i>					
WELL 3	184,644	423.8843	\$ 57,084.08	\$ 0.31	\$ 134.67
WELL 16	130,651	299.9334	\$ 49,082.54	\$ 0.38	\$ 163.64
WELL 21	392,474	900.9963	\$ 117,778.68	\$ 0.30	\$ 130.72
WELL 22	274,879	631.0354	\$ 92,421.40	\$ 0.34	\$ 146.46
WELL 23	129,671	297.6837	\$ 71,187.27	\$ 0.55	\$ 239.14
WELL 24	524,756	1,204.6740	\$ 175,209.27	\$ 0.33	\$ 145.44
WELL 25	723,005	1,659.7920	\$ 207,007.78	\$ 0.29	\$ 124.72
WELL 26	238,608	547.7686	\$ 80,612.01	\$ 0.34	\$ 147.16
WELL 29	199	0.4568	\$ 5,437.25	\$ 27.32	\$ -
TOTAL CITY WELLS	2,598,887	5,966.2245	\$ 855,820.28	\$ 0.33	\$ 143.44
<i>BOOSTER STATIONS - NO ADDITIONAL PRODUCTION</i>					
BOOSTERS 21A & B			\$ 46,381.54		
HIGHLAND SPRINGS			\$ 2,568.97		
NOBLE BOOSTER			\$ 7,788.11		
UPPER EDGAR BOOSTER			\$ 879.33		
12TH & PALM BOOSTERS			\$ 14,374.09		
4A BOOSTER			\$ 383.72		
TOTAL BOOSTER STATIONS	2,843,897	6,528.6883	\$ 72,375.76	\$ 0.03	\$ 11.09

Beaumont-Cherry Valley Water District
Year-To-Date Analysis of Electric Cost to Pump Groundwater
Through June 2021

WELL	CCF Produced	AF Produced	Total Electric Bill	Total Electric Bill Per CCF Produced	Total Electric Bill Per AF Produced
<i>CANYON WELLS</i>					
WELL RR1	-	-	\$ -	\$ -	\$ -
WELL 4A	78,690	180.6474	\$ 13,196.04	\$ 0.17	\$ 73.05
WELL 5	33,966	77.9741	\$ 3,248.51	\$ 0.10	\$ 41.66
WELL 6	40,455	92.8714	\$ 4,902.92	\$ 0.12	\$ 52.79
WELL 9A	-	-	\$ 86.42	\$ -	\$ -
WELL 10	1,304	2.9924	\$ 1,093.09	\$ 0.84	\$ 365.29
WELL 11	10,477	24.0528	\$ 2,272.12	\$ 0.22	\$ 94.46
WELL 12/13	57,190	131.2897	\$ 7,834.58	\$ 0.14	\$ 59.67
WELL 14	-	-	\$ 367.18	\$ -	\$ -
WELL 18	13,384	30.7247	\$ 2,207.25	\$ 0.16	\$ 71.84
WELL 19	3,313	7.6065	\$ 2,421.06	\$ 0.73	\$ 318.29
WELL 20	12,776	29.3290	\$ 1,823.35	\$ 0.14	\$ 62.17
TOTAL CANYON WELLS	251,554	577.4881	\$ 39,452.52	\$ 0.16	\$ 68.32
<i>CITY WELLS</i>					
WELL 3	163,331	374.9564	\$ 41,942.98	\$ 0.26	\$ 111.86
WELL 16	64,558	148.2048	\$ 28,919.80	\$ 0.45	\$ 195.13
WELL 21	369,001	847.1097	\$ 94,497.31	\$ 0.26	\$ 111.55
WELL 22	132,426	304.0083	\$ 47,528.28	\$ 0.36	\$ 156.34
WELL 23	432,820	993.6180	\$ 167,426.90	\$ 0.39	\$ 168.50
WELL 24	-	-	\$ 3,556.67	\$ -	\$ -
WELL 25	493,200	1,132.2306	\$ 203,946.59	\$ 0.41	\$ 180.13
WELL 26	263,042	603.8613	\$ 79,142.19	\$ 0.30	\$ 131.06
WELL 29	450,983	1,035.3145	\$ 217,893.60	\$ 0.48	\$ 210.46
TOTAL CITY WELLS	2,369,361	5,439.3036	\$ 884,854.32	\$ 0.37	\$ 162.68
<i>BOOSTER STATIONS - NO ADDITIONAL PRODUCTION</i>					
BOOSTERS 21A & B			\$ 35,669.86		
HIGHLAND SPRINGS			\$ 1,810.00		
NOBLE BOOSTER			\$ 5,143.01		
UPPER EDGAR BOOSTER			\$ 749.30		
12TH & PALM BOOSTERS			\$ 3,166.35		
4A BOOSTER			\$ 342.80		
TOTAL BOOSTER STATIONS	2,620,914	6,016.7916	\$ 46,881.32	\$ 0.02	\$ 7.79

Beaumont-Cherry Valley Water District
Year-To-Date Analysis of Electric Cost to Pump Groundwater
Through June 2020

WELL	CCF Produced	AF Produced	Total Electric Bill	Total Electric Bill Per CCF Produced	Total Electric Bill Per AF Produced
<i>CANYON WELLS</i>					
WELL RR1	-	-	\$ 134.04	\$ -	\$ -
WELL 4A	43,521	99.9105	\$ 264.33	\$ 0.01	\$ 2.65
WELL 5	54,898	126.0292	\$ 3,176.32	\$ 0.06	\$ 25.20
WELL 6	23,943	54.9656	\$ 3,808.29	\$ 0.16	\$ 69.29
WELL 9A	-	-	\$ 70.22	\$ -	\$ -
WELL 10	10,368	23.8007	\$ 2,085.64	\$ 0.20	\$ 87.63
WELL 11	10,908	25.0416	\$ 1,299.86	\$ 0.12	\$ 51.91
WELL 12/13	71,981	165.2466	\$ 7,301.62	\$ 0.10	\$ 44.19
WELL 14	14,014	32.1708	\$ 12,560.19	\$ 0.90	\$ 390.42
WELL 18	14,068	32.2966	\$ 1,846.00	\$ 0.13	\$ 57.16
WELL 19	28,984	66.5372	\$ 2,665.26	\$ 0.09	\$ 40.06
WELL 20	17,161	39.3962	\$ 1,481.56	\$ 0.09	\$ 37.61
TOTAL CANYON WELLS	289,846	665.3949	\$ 36,693.33	\$ 0.13	\$ 55.15
<i>CITY WELLS</i>					
WELL 3	104,834	240.6657	\$ 28,292.01	\$ 0.27	\$ 117.56
WELL 16	44,816	102.8834	\$ 20,342.19	\$ 0.45	\$ 197.72
WELL 21	133,513	306.5037	\$ 31,598.64	\$ 0.24	\$ 103.09
WELL 22	154,049	353.6478	\$ 38,884.49	\$ 0.25	\$ 109.95
WELL 23	483,876	1,110.8264	\$ 147,560.20	\$ 0.30	\$ 132.84
WELL 24	402,899	924.9288	\$ 92,787.09	\$ 0.23	\$ 100.32
WELL 25	385,389	884.7315	\$ 147,725.21	\$ 0.38	\$ 166.97
WELL 26	213,325	489.7257	\$ 48,505.13	\$ 0.23	\$ 99.05
WELL 29	219,563	504.0473	\$ 97,042.17	\$ 0.44	\$ 192.53
TOTAL CITY WELLS	2,142,264	4,917.9605	\$ 652,737.13	\$ 0.30	\$ 132.73
<i>BOOSTER STATIONS - NO ADDITIONAL PRODUCTION</i>					
BOOSTERS 21A & B			\$ 22,121.76		
HIGHLAND SPRINGS			\$ 1,901.34		
NOBLE BOOSTER			\$ 2,540.34		
UPPER EDGAR BOOSTER			\$ 651.51		
12TH & PALM BOOSTERS			\$ 6,307.81		
4A BOOSTER			\$ 260.59		
TOTAL BOOSTER STATIONS	2,432,110	5,583.3554	\$ 33,783.35	\$ 0.01	\$ 6.05

Beaumont-Cherry Valley Water District
Year-To-Date Analysis of Electric Cost to Pump Groundwater
Through June 2019

WELL	CCF Produced	AF Produced	Total Electric Bill	Total Electric Bill Per CCF Produced	Total Electric Bill Per AF Produced
<i>CANYON WELLS</i>					
WELL RR1	-	-	\$ 160.64	\$ -	\$ -
WELL 4A	137,528	315.7208	\$ 12,154.80	\$ 0.09	\$ 38.50
WELL 5	37,869	86.9355	\$ 2,444.89	\$ 0.06	\$ 28.12
WELL 6	31,599	72.5409	\$ 3,997.99	\$ 0.13	\$ 55.11
WELL 9A	-	-	\$ 104.30	\$ -	\$ -
WELL 10	0	0.0002	\$ 321.39	\$ -	\$ -
WELL 11	7,627	17.5101	\$ 1,119.35	\$ 0.15	\$ 63.93
WELL 12/13	46,992	107.8781	\$ 6,053.85	\$ 0.13	\$ 56.12
WELL 14	18,002	41.3260	\$ 10,642.12	\$ 0.59	\$ 257.52
WELL 18	-	-	\$ 253.07	\$ -	\$ -
WELL 19	35,375	81.2098	\$ 2,493.17	\$ 0.07	\$ 30.70
WELL 20	22,567	51.8067	\$ 1,611.19	\$ 0.07	\$ 31.10
TOTAL CANYON WELLS	337,559	774.9281	\$ 41,356.76	\$ 0.12	\$ 53.37
<i>CITY WELLS</i>					
WELL 3	255	0.5854	\$ 4,213.38	\$ 16.52	\$ -
WELL 16	2,112	4.8485	\$ 3,928.10	\$ 1.86	\$ 810.17
WELL 21	483,415	1,109.7681	\$ 86,998.65	\$ 0.18	\$ 78.39
WELL 22	59,561	136.7332	\$ 14,994.72	\$ 0.25	\$ 109.66
WELL 23	199,208	457.3186	\$ 92,616.35	\$ 0.46	\$ 202.52
WELL 24	330,149	757.9178	\$ 85,039.67	\$ 0.26	\$ 112.20
WELL 25	524,299	1,203.6249	\$ 169,809.45	\$ 0.32	\$ 141.08
WELL 26	156,703	359.7406	\$ 41,721.35	\$ 0.27	\$ 115.98
WELL 29	29,389	67.4679	\$ 62,699.54	\$ 2.13	\$ 929.32
TOTAL CITY WELLS	1,785,091	4,098.0051	\$ 562,021.21	\$ 0.31	\$ 137.15
<i>BOOSTER STATIONS - NO ADDITIONAL PRODUCTION</i>					
BOOSTERS 21A & B			\$ 15,717.15		
HIGHLAND SPRINGS			\$ 1,213.94		
NOBLE BOOSTER			\$ 3,373.18		
UPPER EDGAR BOOSTER			\$ 775.81		
12TH & PALM BOOSTERS			\$ 2,083.22		
4A BOOSTER			\$ 256.13		
TOTAL BOOSTER STATIONS	2,122,650	4,872.9332	\$ 23,419.43	\$ 0.01	\$ 4.81



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 2e

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Review of District Contract Expenditures in Fiscal Year 2023**

Staff Recommendation

None. Direct staff as desired.

Executive Summary

The District holds contracts with various vendors to provide ongoing services to the District for the 2023 Fiscal Year. The tables detailing the vendor information, the Board of Directors date of approval, total contract costs to date, contract costs not to exceed, and contract costs remaining are provided as attachments 1 and 2 for review. Attachment 1 is for service-oriented contracts, or projects, not in the District's Capital Improvement Budget. Attachment 2 is for Capital Improvement Budget projects.

Background

At the meeting of the Finance and Audit Committee on January 7, 2021, Chair Hoffman and Member Covington requested detail on long-term contract vendor activities. Since that time, this detail has been presented on a quarterly basis to the Finance and Audit Committee. At the August 24, 2023 Regular Meeting of the Board, Director Covington requested said detail be presented at the next Regular Meeting.

District Policy Part II Section 11, Employment of Consultants, outlines the requirements for executing contracts with outside contractors or consultants for construction, engineering, planning, and environmental review projects, or for auditing purposes. Consultants are selected by the General Manager and approved by the Board of Directors, based on the consultant's experience and qualifications. The consultants are also required to provide an explanation of scope of work, hours to complete and applicable cost estimate for their services that is used in their evaluation in the selection process. Upon Board approval of the contract specifics, District staff works with Legal Counsel to draft and execute an agreement with the outside contractor or consultant selected. Attachment 1 - Table 1 displays contracts that are executed within the parameters of said Policy.

District Policy Part II Section 12, Employment of Outside Contractors, outlines the requirements for executing contracts with outside contractors or consultants for construction, engineering, planning, and environmental review projects, or for auditing purposes. Contractors are selected by the General Manager and approved by the Board of Directors, on the basis of the lowest responsible bidder, after a thorough evaluation of bids. Upon Board approval of the contract specifics, District staff works with Legal Counsel to draft and execute an agreement with the outside contractor selected. Attachment 2 – Table 2 displays contracts that are executed within the parameters of said Policy.

The Vendor Number and Vendor Name columns of both Tables are created in the District's financial system, Springbrook, upon receipt of the first invoice for services rendered to the District. Wells Fargo Bank, N.A. and Chandler Asset Management are not entered in Springbrook because the charges assessed by those vendors are deducted from the balance and portfolio managed by each of those respective entities. Total Contract Costs to Date reflect invoices for services rendered up to June 30, 2023.

Fiscal Impact

Total contract costs remaining, as reflected by the combined totals of Tables 1 and 2, are \$4,682,022.89

Attachments

1. Table 1 – Non – Capital Improvement Budget Contracts
2. Table 2 – Capital Improvement Budget Related Contracts

Staff Report prepared by William Clayton, Finance Manager

**Beaumont-Cherry Valley Water District
Review of District Contract Expenditures in Fiscal Year 2023**

**Table 1
Non-Capital Improvement Budget Contracts**

Vendor Number	Vendor Name	Contract Services	Board Approval Date	FY 2022 and Prior Costs	FY 2023 Costs To Date	Total Contract Costs to Date	Contract Costs Not To Exceed	Contract Costs Remaining
10797	Raftelis Financial Consultants	Capacity Charge Study	4/12/2023	\$ -	\$ -	\$ -	\$ 51,750.00	\$ 51,750.00
11180	Foster & Foster Consulting Actuaries, Inc.	Actuarial Services to Value OPEB in Compliance with GASB 75	1/26/2023	\$ -	\$ 11,000.00	\$ 11,000.00	\$ 40,250.00	\$ 29,250.00
10491	Rogers, Anderson, Malody & Scott, LLP	Annual Independent Audit	1/11/2023	\$ -	\$ 33,050.00	\$ 33,050.00	\$ 173,995.00	\$ 140,945.00
10772	CV Strategies	Public Relations and Community Outreach Consulting Services	1/26/2023		\$ 29,646.25	\$ 29,646.25	\$ 100,000.00	\$ 70,353.75
10719	HR Dynamics	2023 Professional HR Consulting Svcs	4/12/2023		\$ 24,800.00	\$ 24,800.00	\$ 58,400.00	\$ 33,600.00
N/A	Wells Fargo Bank, N.A.	Banking Services	6/14/2023		\$ 1,111.35	\$ 1,111.35	\$ 25,000.00	\$ 23,888.65
N/A	Thomas Harder & Co.	District's Share of the 2023 On-Call Professional Engineering Services Agreement for BBW	10/27/2022		\$ -	\$ -	\$ 63,161.00	\$ 63,161.00
10743	Townsend Public Affairs	Grant Writing Consulting Services	4/13/2022	\$ -	\$ 35,000.00	\$ 35,000.00	\$ 60,000.00	\$ 25,000.00
N/A	Chandler Asset Management	Investment Management/Advisory Svcs	12/14/2022		\$ 18,947.77	\$ 18,947.77	Fees Charged on assets under management	\$ -
10016	T.R. Holliman c/o City of Beaumont	Recycled Water Program Implementation Facilitator	9/29/2022		\$ 27,363.36	\$ 27,363.36	\$ 58,000.00	\$ 30,636.64
11144	The Mejorando Group	Workforce and Succession Planning	6/23/2022	\$ 18,570.55	\$ 29,850.00	\$ 48,420.55	\$ 79,300.00	\$ 30,879.45
10828	NeoGov	HR Information System	4/14/2021		\$ 24,002.63	\$ 24,002.63	\$ 35,741.56	\$ 11,738.93
TOTAL CONTRACT COSTS REMAINING								\$ 511,203.42

**Beaumont-Cherry Valley Water District
Review of District Contract Expenditures in Fiscal Year 2023**

**Table 2
Capital Improvement Budget Contracts**

Vendor Number	Vendor Name	Contract Services	Board Approval Date	FY 2022 and Prior Costs	FY 2023 Costs To Date	Total Contract Costs to Date	Contract Costs Not To Exceed	Contract Costs Remaining
10148	MCC Equipment Rentals, Inc.	5th Street and Michigan Avenue Replacement Pipeline Projects (P-2750-0097 and P-2750-0092)	6/14/2023		\$ -	\$ -	\$ 1,180,000.00	\$ 1,180,000.00
11194	Dudek	District Well Feasibility and Siting Study	3/23/2023		\$ 4,120.00	\$ 4,120.00	\$ 92,000.00	\$ 87,880.00
10148	MCC Equipment Rentals, Inc.	2022-2023 Service Lateral Replacement Project (P-2750-0096)	4/12/2023		\$ 54,669.43	\$ 54,669.43	\$ 312,773.00	\$ 258,103.57
10148	MCC Equipment Rentals, Inc.	Grand Avenue Pavement Repair	3/15/2023		\$ 246,092.22	\$ 246,092.22	\$ 245,685.50	\$ (406.72)
10148	MCC Equipment Rentals, Inc.	2017 Water Pipeline Replacement Project (Pipeline 2-P-3620-0015)	1/11/2023		\$ 140,509.75	\$ 140,509.75	\$ 284,130.00	\$ 143,620.25
10266	Cozad & Fox	B Line Replacement Pipeline Project Engineering Services	2/9/2022	\$ 55,626.40	\$ 36,551.70	\$ 92,178.10	\$ 143,500.00	\$ 51,321.90
10148	MCC Equipment Rentals, Inc.	MDP Line 16 Pipeline Relocation Project Pipelines 6A, 7 & 8	7/28/2022	\$ 455,723.46	\$ 167,673.10	\$ 623,396.56	\$ 564,051.66	\$ (59,344.90)
11153	CASC Engineering & Consulting, Inc.	On-Call Land Surveying Services	7/28/2022		\$ 13,957.60	\$ 13,957.60	\$ 100,000.00	\$ 86,042.40
10266	Cozad & Fox	On-Call Land Surveying Services	7/28/2022		\$ -	\$ -	\$ 100,000.00	\$ 100,000.00
10911	Prizm Group	On-Call Land Surveying Services	7/28/2022		\$ -	\$ -	\$ 100,000.00	\$ 100,000.00
11098	Harper and Associates Engineering	2022/2023 Water Storage Tank Recoating, Painting, and Rehabilitation	6/23/2022		\$ 19,870.00	\$ 19,870.00	\$ 198,000.00	\$ 178,130.00
10266	Cozad & Fox	2020-2021 Replacement Pipeline Project Engineering Services	6/24/2021	\$ 114,499.28	\$ -	\$ 114,499.28	\$ 188,000.00	\$ 73,500.72
10340	RCFC&WCD	MDP Line 16 Storm Drain	8/26/2021	\$ 2,038,120.00	\$ -	\$ 2,038,120.00	\$ 3,580,000.00	\$ 1,541,880.00
10668	Thomas Harder & Co.	Engineering Svcs - Well Nos. 1A and 2A	10/5/2017	\$ 54,171.85	\$ -	\$ 54,171.85	\$ 261,000.00	\$ 206,828.15
10668	Thomas Harder & Co.	Engineering Svcs - Well Nos. 30 and 31	10/5/2017	\$ 21,841.00	\$ -	\$ 21,841.00	\$ 261,000.00	\$ 239,159.00
10266	Cozad & Fox	Engineering Svcs - Noble Tank and Pipeline	11/8/2017	\$ 196,354.70	\$ 12,540.20	\$ 208,894.90	\$ 193,000.00	\$ (15,894.90)
TOTAL CONTRACT COSTS REMAINING								\$ 4,170,819.47



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 2f

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: California Water Supply Report

Staff Recommendation: None. Direct staff as desired.

In the news

New permanent water conservation rules are coming to California

The Mercury News 9/1/2023

<https://www.mercurynews.com/2023/08/31/new-permanent-water-conservation-rules-are-coming-to-california-see-how-your-city-will-be-affected/>

California is now practically drought-free, but we keep wasting so much rainwater

The Los Angeles Times 8/29/2023

<https://www.latimes.com/california/story/2023-08-29/hilary-ended-mojave-drought-did-it-help-the-california-water-supply>

California weather: How this year ranks among the biggest rainfall years

The Mercury News 6/30/2023

<https://www.mercurynews.com/2023/06/30/california-weather-how-this-year-ranks-among-the-all-time-biggest-rainfall-years/?share=rgotmmhseohrip3rorm>

California Is Out of Its Epic Drought – For Now

Time 8/24/2023

<https://time.com/6308005/california-drought-hilary-storm/>

California Is Free of Extreme Drought Conditions for the First Time in 3 Years

New York Times 8/21/2023

[NYT - Click here for gift article access](#)

How California's weather catastrophe turned into a miracle

Gushing waterfalls, swollen lakes and snow-covered mountaintops transformed the state's arid landscapes

The Washington Post 7/22/2023

<https://www.washingtonpost.com/weather/2023/07/22/california-water-supply-lakes-reservoirs/>



Colorado River Basin

Biden Administration eases up on Colorado River cuts for 2024, following a wetter-than-usual winter

The Hill 8/15/2023

<https://thehill.com/policy/equilibrium-sustainability/4153921-biden-administration-eases-up-on-colorado-river-cuts-for-2024-following-a-wetter-than-usual-winter/>

Colorado River Basin ranks among the world's most water-stressed regions, analysis finds

Los Angeles Times 8/16/2023

<https://www.latimes.com/environment/story/2023-08-16/states-face-high-water-stress-along-colorado-river>

Biden-Harris Administration Announces \$50 Million to Enhance Key Water Infrastructure in the Upper Colorado River Basin Through President's Investing in America Agenda

U.S. Department of the Interior – Press Release 8/14/2023

<https://www.doi.gov/pressreleases/biden-harris-administration-announces-50-million-enhance-key-water-infrastructure>

Resources

State of California: Drought Action

Major reservoirs are at 130% of normal average

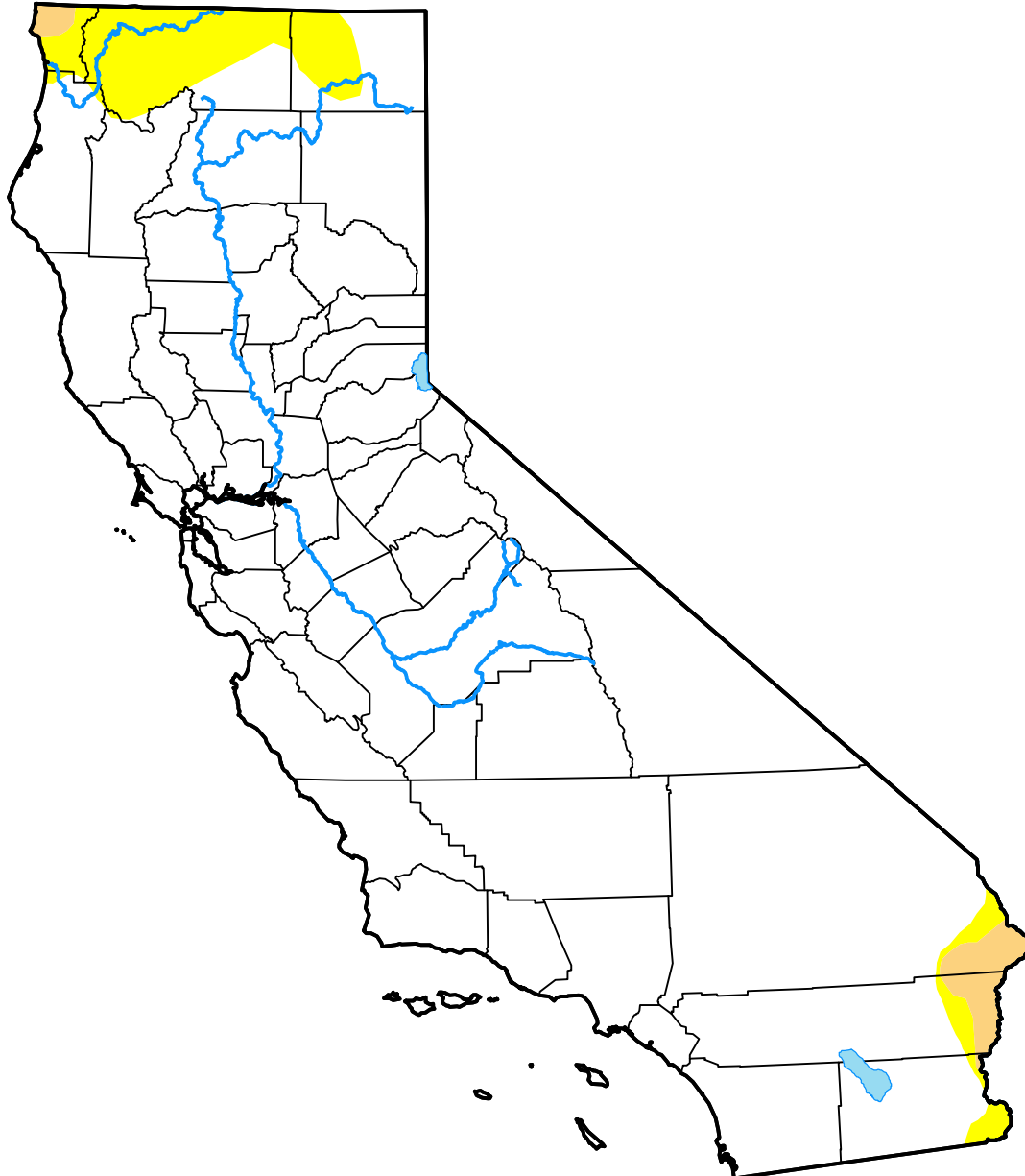
<https://drought.ca.gov/>

Attachments

1. California Drought Monitor Map – Aug. 29, 2023
2. Reservoir Conditions – Sept. 4, 2023
3. Snowpack Conditions – July 31, 2023

U.S. Drought Monitor California

August 29, 2023
(Released Thursday, Aug. 31, 2023)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	93.35	6.65	1.35	0.00	0.00	0.00
Last Week <i>08-22-2023</i>	93.33	6.67	1.38	0.00	0.00	0.00
3 Months Ago <i>05-30-2023</i>	70.88	29.12	4.63	0.00	0.00	0.00
Start of Calendar Year <i>01-03-2023</i>	0.00	100.00	97.93	71.14	27.10	0.00
Start of Water Year <i>09-27-2022</i>	0.00	100.00	99.76	94.01	40.91	16.57
One Year Ago <i>08-30-2022</i>	0.00	100.00	99.76	97.52	40.18	16.57

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

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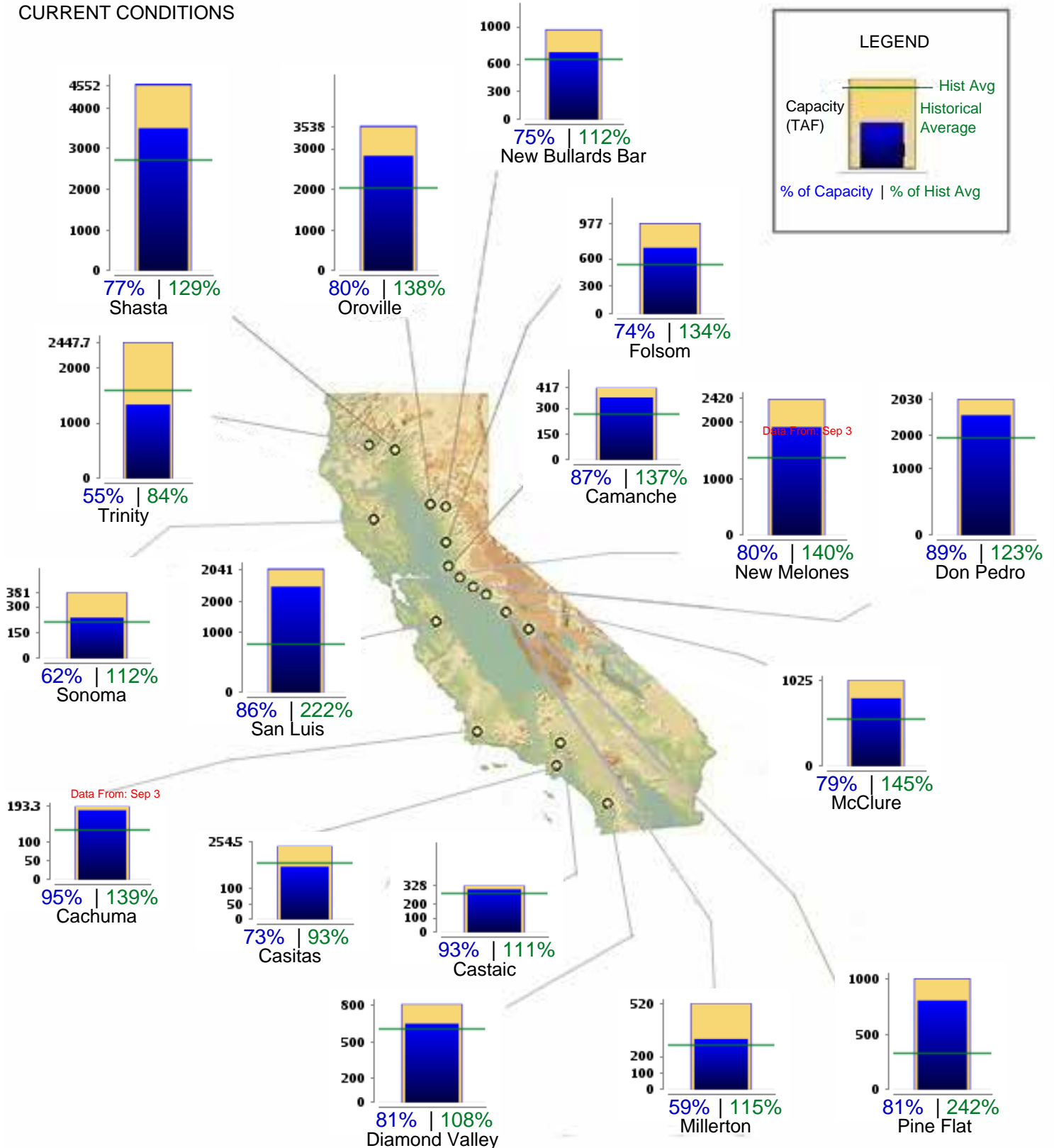


CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - September 4, 2023

CURRENT CONDITIONS





STATEWIDE SNOW WATER CONTENT

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of July 31, 2023	
Number of Stations Reporting	24
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

CENTRAL	
Data as of July 31, 2023	
Number of Stations Reporting	41
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

SOUTH	
Data as of July 31, 2023	
Number of Stations Reporting	23
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

STATE	
Data as of July 31, 2023	
Number of Stations Reporting	88
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

Statewide Average: 0% / 0%

Data as of July 31, 2023



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 2g

Legislative Action and Issues Update

Welcome to the new placement of the monthly Legislative Update. This item is now listed under the “Reports” section of the agenda for streamlining purposes. There will be no oral report unless requested by the Board.

FEDERAL

CHANGES MADE	NO CHANGES MADE	NEW SINCE LAST UPDATE
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Issue	Status	Description
HR 1 Lower Energy Costs Act	3/14/23 Introduced 3/30/23 Passed House 8/30: No change in status	Aims to lower energy costs by increasing American energy production, exports, infrastructure, and critical minerals processing, by promoting transparency, accountability, permitting and production of American resources, and by improving water quality certification and energy projects, and for other purposes.
HR 924 – Stop The Delta Tunnel Act	2/9/23 – Reintroduced 2/9: Ref to House Com on Transportation and Infrastructure 2/10: Ref to Subcommittee 8/30: No change in status	<p>This bill prohibits the U.S. Army Corps of Engineers (USACE) from issuing a federal permit that would be necessary to build the proposed Delta Conveyance Project in California. Specifically, the USACE may not issue a Section 404 permit (i.e., a permit that allows for the discharge of dredged or fill material into navigable waters) for the project.</p> <p>The USACE published a draft environmental impact statement in December 2022 about the project, which involves constructing new California State Water Project diversion and conveyance facilities in the Sacramento-San Joaquin Delta. The Delta Conveyance Project includes an underground tunnel to deliver water south of the delta.</p> <p>Press release from Harder's office: Bill will prohibit the Army Corps of Engineers from advancing the project.</p> <p>Representative Josh Harder (CA-9) reintroduced his <i>Stop the Delta Tunnel Act</i> which prohibits the Army Corps of Engineers from issuing a federal permit necessary for the State of California to build the Delta Conveyance Project, commonly known as the Delta Tunnel. Rep. Harder is a longtime opponent of the Delta Tunnel project, first voicing his opposition in 2018. KCRA3 News has called Rep. Harder's <i>Stop the Delta Tunnel Act</i>, "the strongest step yet to stop the state's proposed giant water tunnel from gaining ground." Read the bill online here.</p>

<p>HR 1407 – Financing Lead Out of Water Act</p>	<p>3/7/23: Introduced, ref to Com on Ways and Means 8/30: No change in status</p>	<p>Allows bonds issued by public water utilities to finance the replacement of private lead service lines to bypass the IRS “private business use” test</p>
<p>HR 1520 – Reauthorization of the Energy and Efficiency Conservation Block Grant</p>	<p>3/7/23: Introduced 3/9 – Ref to House Com on Energy & Commerce 8/30: No change in status</p>	<p>Provides grants to state, local and tribal governments to support initiatives that will reduce fossil fuel emissions and conserve energy</p>
<p>HR 1721 /S 806 – Healthy H2O Act</p>	<p>3/22/23: Introduced and ref to Com on Agriculture 4/25: Ref to Subcom on Commodity Markets, Digital Assets, and Rural Development. 8/30: No change in status</p>	<p>Provides grants for water testing and treatment technology directly to individuals and nonprofits in rural communities. Water quality systems installed at the faucet or within a building can provide immediate and ongoing protections from known and emerging water contaminants, like PFAS, lead and nitrates</p>
<p>HR 1837 Investing in Our Communities Act</p>	<p>3/28/23: Introduced, ref to Com on Ways and Means 8/30: No change in status</p>	<p>Restores tax-exempt advance refunding for municipal bonds so state and local governments can more efficiently invest in projects throughout their communities.</p>
<p>HR 4540 Water Infrastructure Enhancement Act of 2023</p>	<p>7/11/23: Introduced Ref to Com on Energy & Commerce 8/30 No change in status</p>	<p>Amends the Safe Drinking Water Act to establish a program to provide grants to suppliers of water for the purpose of making infrastructure improvements to public water systems, and for other purposes.</p>
<p>HR 4584 National Wildland Fire Risk Reduction Program Act</p>	<p>7/12/23: Introduced Ref to Committees on Science, Space and Technology, and to Econ Development 8/30 No change in status</p>	<p>Improves the Federal effort to reduce wildland fire risks, and for other purposes. Zoe Lofgren press release: On 7/12, House Science, Space, and Technology Committee Ranking Member Zoe Lofgren (D-CA) was joined by Congresswoman Suzanne Bonamici (D-OR) to introduce the National Wildland Fire Risk Reduction Program Act, a comprehensive science authorization bill that will identify and invest in research and development, set up warning and forecast systems, develop observation and sensing technologies, and standardize data collection efforts to improve the nation’s preparedness, resilience and response to wildfires. The bill will help to fill in knowledge gaps and strengthen coordination of wildfire science efforts across federal science agencies.</p>

<p>HR 4592 Cumulative Impacts Act</p>	<p>7/12/23: Introduced. Ref to Energy & Commerce 7/13: Ref to Water Resources and Environment 7/20 Author introductory remarks to House</p>	<p>Establishes a Federal program of cumulative impact assessments under the Clean Water Act and Clean Air Act, and protections for environmental justice and frontline communities overburdened by air and water pollution.</p>
<p>S 1449: Revitalizing the Economy by Simplifying Timelines and Assuring Regulatory Transparency</p>	<p>5/4/23: Read twice and referred to the Committee on Environment and Public Works 8/30: No change in status</p>	<p>RESTART Act. Reforms permitting and environmental review processes expediting the federal permitting process for important energy, infrastructure and transportation projects.</p>
<p>S.2250 Voluntary Groundwater Conservation Act</p>	<p>7/11/23: Introduced. Ref to Com on Agriculture, Nutrition and Forestry 8/30: No change in status</p>	<p>Creates a new voluntary groundwater easement program at the United States Department of Agriculture's (USDA) Natural Resource Conservation Service (NRCS) within the Agricultural Conservation Easements Program (ACEP).</p>
<p>S. 2162: Support to Rehydrate the Environment, Agriculture and Municipalities (STREAM Act)</p>	<p>6/22/23 – Introduced 7/19 Ref to Energy & Nat Resources, hearings held</p>	<p>Would authorize \$750 million for storage, \$300 million for water recycling, \$150 million for desalination, and \$100 million for drinking water for disadvantaged communities. Would authorize grants for storage and conveyance projects that include environmental benefits, drinking water benefits for disadvantaged communities or other public benefits either as part of the project design or as part of a watershed restoration plan adopted together with the project.</p>
<p>S. 2202 Restore Aging Infrastructure Now (RAIN) Act</p>	<p>6/22/23 Introduced 7/19 Ref to Energy & Nat Resources</p>	<p>Would authorize Reclamation to upgrade its aging canals and other facilities when they are repaired to serve multiple purposes, including environmental benefits, and drinking water for disadvantaged communities. Also incentivize agricultural and municipal irrigation districts to participate in these projects to add benefits by providing a 15% discount on the amount owed for repairing the facilities.</p>
<p>S.2161 Canal Conveyance Capacity Restoration Act</p>	<p>6/22/23 Introduced 7/19 Ref to Energy & Nat Resources</p>	<p>Would authorize a one-third federal cost share for restoring canal capacity, including funding of \$289.5 million for the California Aqueduct</p>

<p>S.2286 Streamlining Federal Grants Act of 2023</p>	<p>7/12/23: Introduced. Ref to Com on Homeland Security and Govt Affairs 7/26 Committee ordered an amendment</p>	<p>Improves the effectiveness and performance of certain Federal financial assistance programs, and for other purposes. Sen. Gary Peters press release 7/17/23: WASHINGTON, D.C. – U.S. Senator Gary Peters (MI), Chairman of the Homeland Security and Governmental Affairs Committee introduced bipartisan legislation that would help streamline the administration of grant programs across the federal government. Governments and organizations in small and rural communities often struggle when applying for federal grants because they lack the necessary resources to navigate a complicated application process. The senators' bill would simplify and streamline this application process to increase access to federal grants for all communities. The legislation builds on a <u>2019 law</u> led by Peters and Lankford that required federal grant programs to streamline data standards for applications and reporting.</p>
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CALIFORNIA

NOTE: The legislative positions adopted by the Board at the 4/27/2023 meeting were transmitted to ACWA and CSDA.

- *The Legislature returned from recess on Aug. 14.*
- *Sept. 1 was the last day for Fiscal Committees to meet and report bills.*
- *Sept. 14 is the last day for each house to pass bills; interim recess begins after adjournment*
- *Oct. 14 is the last day for the Governor to sign or veto bills.*

LIHWAP program extended through March 2024. The Low Income Household Water Assistance Program was extended. The California Department of Community services and Development will work with local service providers to extend the program through December 31, 2023 and evaluate further extension.

Chromium-6: The State Water Resources Control Board recently released the Notice of Proposed Rulemaking for Chrom-6, proposing a maximum contaminant level (MCL) to 10 parts per billion. The State Water Board helps and public hearing to discuss the proposed MCL on Aug. 2. BCVWD staff prepared a comment letter and submitted it prior to the deadline of August 18.

CARB Advanced Celan Fleets Rule: In April, the California Air Resources Board (CARB) approved a first-of-its-kind rule that requires a phased-in transition toward zero-emission medium-and-heavy duty vehicles. In August, the State established the Cal Fleet Advisor program to facilitate the adoption of zero-emission vehicles. Although it offers no funding opportunities, the Advisor program will provide a personal advisor to help overcome any barriers preventing a fleet from incorporating zero-emission vehicles into operations.

Known as Advanced Clean Fleets, the new rule helps put California on a path toward accomplishing [Gov. Gavin Newsom's goal](#) of fully transitioning the trucks that travel across the state to zero-emissions technology by 2045. The new rule is expected to generate \$26.6 billion in health savings from reduced asthma attacks, emergency room visits and respiratory illnesses. Furthermore, fleet owners will save an estimated \$48 billion in their total operating costs from the transition through 2050.

While trucks represent only 6% of the vehicles on California's roads, they account for over 35% of the state's transportation generated nitrogen oxide emissions and a quarter of the state's on-road greenhouse gas emissions. California communities that sit near trucking corridors and warehouse locations with heavy truck traffic have some of the worst air in the nation. California is set to invest almost \$3 billion between 2021 – 2025 in zero-emission trucks and infrastructure. This investment is a part of a \$9 billion multi-year, multi-agency zero-emissions vehicle package to equitably decarbonize the transportation sector that was agreed upon by the Governor and the Legislature in 2021.

In the meantime, a collation of environmental groups is suing the EPA to make the South Coast Air Quality Management District implement measures to alleviate the continued non-attainment status for ozone.

Brown Act measures moving forward: AB 557, SB 411, and SB 537 (see details below) are all making progress.

Update on the water rights bills of concern: AB 460, AB 1337, and SB 389

ACWA Issues Bulletin Aug 2023: ACWA led a large coalition in opposing AB 460, Ab 1337, and SB 389. AB 460 and AB 1337 failed to advance out of the second house committees and are being held as tow-year bills. ACWA staff will continue to engage with the authors and coalition through the fall. SB 389 has been amended after extensive negotiations and CWA's Legislative Committee voted last month to remove opposition. AB 460 would have granted the State Water Resources Control Board new and sweeping authority to issue interim relief orders against water diverters and users, and AB 1337 would have authorized the State Water Board to investigate and invalidate any water right. ACWA staff and coalition negotiated several amendments to the bill so that it now would allow only the State Water Board o request information from a water right holder and not enhance the SWB's enforcement authority. SB 389 passed out of committee.

Making Conservation a Way of Life: The State Water Resources Control Board has initiated the formal rulemaking action related to SB 606 and AB 1668 that were passed in 2018. The proposed text can be reviewed here: <https://www.waterboards.ca.gov/conservation/regs/docs/2023/proposed-reg-text-081723.pdf> It provides standards and calculations for indoor and outdoor water use and reporting requirements. There will be a public hearing on October 4. Written comments are due on October 14.

Initiative to Limit the Ability of Voters and State and Local Governments to Raise Revenues for Government Services: [Initiative 21-0042A1](#), "Taxpayer Protection and Government Accountability Act" **BCVWD – Oppose** / CSDA – Oppose / ACWA – Oppose

Resolution 2023-16 adopted by the Board in opposition was transmitted to the CSDA advocacy team.

The Board approved a Resolution in opposition at the 6/14/2023 meeting. Initiative sponsored by the California Business Roundtable qualified for the Nov. 2024 ballot. This initiative is the most consequential proposal to limit the ability of state and local governments to enact, modify, or expand taxes, assessments, fees, and property-related charges (i.e. water rates and more) since the passage of Propositions 218 and 26. If enacted, public agencies would face a drastic rise in litigation that could severely restrict their ability to meet essential services and infrastructure needs. To learn more about Initiative 21-0042A1 visit csda.net/voterlimitations.

More and more cities and agencies are voting to oppose the initiative: <https://www.calcities.org/news/post/2023/08/09/an-existential-threat-to-cities-is-on-the-2024-ballot>

CalMatters recent analysis: <https://calmatters.org/politics/2023/08/california-taxes-ambulance-fees/>

CHANGES MADE	NO CHANGES MADE	NEW SINCE LAST UPDATE	OF INTEREST TO BOARD	BILL IS DEAD
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Issue	Status	Description (Most of the following descriptions have been provided by the CSDA)
AB 30: Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program	12/5/22: Introduced 3/14: revised, ref to Appropriations 6/7 Hearing postponed 7/13 Read 3rd time in Asm, Read 1st time in Senate 8/14 Concurred w/ Senate amendments 8/22 Enrolled and presented to Gov	This bill would rename that program the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program. The bill would require the department to research, develop, and implement new observations, prediction models, novel forecasting methods, and tailored decision support systems to improve predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions. The bill would also require the department to take all actions within its existing authority to operate reservoirs in a manner that improves flood protection in the state and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers.
AB 62: Statewide Water Storage: expansion	12/6/2022: Introduced 2/28: Ref to Com on Water, Parks & Wildlife 4/19: Ref to APPR 5/10: First hearing. Ref to Suspense File 8/30: No change in status	Existing law declares that the protection of the public interest in the development of the water resources of the state is of vital concern to the people of the state and that the state shall determine in what way the water of the state, both surface and underground, should be developed for the greatest public benefit. Existing law establishes within the Natural Resources Agency the State Water Resources Control Board and the California regional water quality control boards. Existing law requires the work of the state board to be divided into at least 2 divisions, known as the Division of Water Rights and the Division of Water Quality. This bill would establish a statewide goal to increase above- and below-ground water storage capacity by a total of 3,700,000 acre-feet by the year 2030 and a total of 4,000,000 acre-feet by the year 2040. The bill would require the state board, in consultation with the Department of Water Resources, to design and implement measures to increase statewide water storage to achieve the statewide goal. The bill would require the state board, beginning July 1, 2027, and on or before July 1 every 2 years thereafter until January 1, 2043, in consultation with the department, to prepare and submit a report to the Legislature on the progress made in designing and implementing measures to achieve the statewide goal.
AB 66: Natural Resources Agency: water storage projects: permit approval	12/6/22: Introduced 3/29 Read 2 nd time and amended 4/19: APPR – Ref to Suspense File 8/30: No change in status	Existing law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's natural and cultural resources. Existing law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to approve the necessary permits for specified projects within 180 days from receiving a permit application, and would deem those permits approved if approval does not occur within this time period.

	<p>AB 249: Water: School sites: lead testing: conservation</p>	<p>1/18/23: Introduced 3/29 Amended 3/30: Re-ref to Appropriations 5/22 Passed out of Suspense, 5/31 Passed Assm 7/13 Passed com, re-ref to APPR 8/21 Ref to APPR suspense file</p>	<p>BCVWD – Oppose / ACWA – Oppose / CSDA – Oppose CSDA OPPOSES. SUMMARY: Requires a community water system that serves a school site, as defined, with a building constructed before January 1, 2010, to test for lead in each of the school site’s potable water system outlets, as defined, on or before January 1, 2027, and report its findings to the applicable school or local educational agency within 10 business days after receiving the results from the testing laboratory or within two business days if the water lead level from any potable water system outlet on the school site exceeds five parts per billion. The community water system, local educational agency, or school may request assistance from the state board or any local health agency responsible for regulating community water systems in developing the plan. This bill provides that it shall not apply to a building that was constructed after January 1, 2010. This bill provides that State Water Resources Control Board (SWRCB) shall allocate \$10,000,000 each fiscal year from 2024 to 2027 from the funds the board receives from the federal Infrastructure Investment and Jobs Act to the extent allowed under federal law, to pay for drinking water testing, drinking water filters, and related training for school personnel, at school sites subject to the water-testing requirement. This bill also provides that SWRCB shall allocate \$5,000,000 each fiscal year from 2024 to 2027, from its federal Drinking Water State Revolving Fund federal allocation, to the extent allowed under federal law, to pay for water efficient faucet and fixture replacements at school sites subject to the water-testing requirement.</p>
	<p>AB 281: Planning and Zoning: housing: post entitlement phase permits</p>	<p>1/24/23: Introduced 6/21: Passed, ref to Housing 7/11: Passed, re-ref to APPR 8/14 Passed committee 8/15 Read 2nd time</p>	<p>7/20 CSDA Update: CSDA worked with the author. Amendments were made and CSDA position changed to neutral. Would require a special district that receives an application for a post entitlement phase permit, as specified, to provide written notice to the applicant or local agency of additional information that may be required to begin to review the application for service or approval or next steps in the review process. The bill would require the special district to provide this notice within 30 business days of receipt of the application for a housing development with 25 units or fewer, and within 60 business days for a housing development with more than 25 units. By imposing additional duties on special districts, the bill would impose a state-mandated local program</p>
	<p>AB 334 Public Contracts: Conflict of Interest</p>	<p>1/30/23: Introduced, ref to Com Elections 6/7 Read 2nd time and amended, Ref to RLS 6/14 Re-ref to JUD 7/6: Passed, re-ref to APPR consent calendar 8/29 Enrolled</p>	<p>Current law prohibits members of the Legislature and state, county, district, judicial district, and city officers or employees from being financially interested in any contract made by them in their official capacity, or by any body or board of which they are members. Current law authorizes the Fair Political Practices Commission to commence an administrative or civil action against persons who violate this prohibition, as prescribed, and includes provisions for the collection of penalties after the time for judicial review of a commission order or decision has lapsed, or if all means of judicial review of the order or decision have been exhausted. Current law identifies certain remote interests in contracts that are not subject to this prohibition and other situations in which an official is not deemed to be financially interested in a contract. This bill would establish that an independent contractor, who meets specified requirements, is not an officer for purposes of being subject to the prohibition on being financially interested in a contract</p>
	<p>AB 340: CEQA: grounds for noncompliance</p>	<p>1/30/23: Introduced, ref to Coms on Natural Resources and Judicial</p>	<p>The California Environmental Quality Act (CEQA) prohibits an action or proceeding from being brought in a court to challenge the approval of a project by a public agency unless the alleged grounds for noncompliance are presented to the public agency orally or in writing by a person during the public comment period provided by CEQA or before the close of the public hearing on the project before the issuance of the notice of determination. This bill would require the alleged</p>

		3/27: In Com, hearing canceled by author 8/30 : No change in status	grounds for noncompliance with CEQA presented to the public agency in writing be presented at least 10 days before the public hearing on the project before the issuance of the notice of determination. The bill would prohibit the inclusion of written comments presented to the public agency after that time period in the record of proceedings and would prohibit those documents from serving as basis on which an action or proceeding may be brought.
	AB 400: Local agency design-build projects: authorization	2/9/23: Introduced Ref to Local Govt 7/13 Read 3rd time, pending concurrence w/ Senate amendments 8/29 Enrolled	Current law authorizes local agencies, as defined, to use the design-build procurement process for specified types of projects, as prescribed. Current law, among other requirements for the design-build procurement process, requires specified information submitted by a design-build entity to be certified under penalty of perjury. These provisions authorizing the use of the design-build procurement process are repealed on January 1, 2025. This bill would remove the January 1, 2025, repeal date, thereby making these provisions operative indefinitely. CSDA SUMMARY: AB 400, sponsored by a partner association, makes the existing local government Design-Build Authority found in Public Contract Code Sections 22160-22169 permanent by eliminating the sunset of January 1, 2025.
	AB 460: State Water Resources Control Board: water rights and usage: interim relief procedures	2/6/23: Introduced 5/31 Read 1st time in Senate 6/27: Hearing canceled at request of author 8/30: No change in status	BCVWD – Oppose / ACWA – Oppose / CSDA – Watch ACWA News 7/21: Bill has failed to advance from Committee and is now a 2-year bill AB 460 would grant the State Water Resources Control Board new and sweeping authority to issue interim relief orders against water diverters and users. Additionally, these orders could be issued without holding a hearing in which water right holders could defend their actions. The bill would also authorize the State Water Board to enforce the orders by imposing onerous and costly requirements on water users. This could include curtailing diversions, imposing new minimum streamflow requirements, directing reservoir operations, requiring the diverter to conduct technical studies, and more.
	AB 469: Calif Public Records Act: Ombudsperson	2/6/23: Introduced 3/29: Authors revised 4/11: Passed and ref to Com on APPR 4/26: Suspense File 5/25 Passed Asm, ordered to Senate 7/3 Read 2nd time, re-ref to GO 7/11 Passed, ref to APPR 8/14 Ref to APPR suspense file	Would establish a California Public Records Act Ombudsperson. Would require the California State Auditor to appoint the ombudsperson subject to certain requirements. Would require the ombudsperson to receive and investigate requests for review, as defined, determine whether the denials of original requests, as defined, complied with the California Public Records Act, and issue written opinions. Would require the ombudsperson to create a process to that effect, and would authorize a member of the public to submit a request for review to the ombudsperson consistent with that process. The bill would require the ombudsperson, within 30 days from receipt of a request for review, to make a determination, as provided, and would require the state agency to provide the public record if the ombudsperson determines that it was improperly denied. The bill would, if requested by the ombudsperson, require any state agency determined to have improperly denied a request to reimburse the ombudsperson for its costs to investigate the request for review. The bill would require the ombudsperson to create a process through which a person whose information is contained in a record being reviewed may intervene to assert their privacy and confidentiality rights, and would otherwise require the ombudsperson to maintain the privacy and confidentiality of records, as provided. The bill would require the ombudsperson to report to the Legislature, on or before January 1, 2025, and annually thereafter, on, among other things, the number of requests for review the ombudsperson has received in the prior year.

	AB 480: Surplus Land	2/7/2023 Introduced 4/27: Passed H&CD, ref to APPR 6/21 Author's amdmts 7/3 Read 2nd time 7/11 Passed Housing, ref to APPR 8/28 Ref to suspense file	<p>Current law prescribes requirements for the disposal of surplus land by a local agency. If the local agency receives a notice of interest, the local agency is required to engage in good faith negotiations with the entity desiring to purchase or lease the surplus land. Current law defines terms for purposes of these provisions, including the term "exempt surplus land," which includes, among other things, surplus land that is put out to open, competitive bid by a local agency, as specified, for purposes of a mixed-use development that is more than one acre in area, that includes not less than 300 housing units, and that restricts at least 25% of the residential units to lower income households with an affordable sales price or an affordable rent for a minimum of 55 years for rental housing and 45 years for ownership housing. This bill would modify these provisions to require that the mixed-use development include not less than 300 residential units.</p>
	AB 516: Mitigation Fee Act: fees for improvements: expenditure reports and audits	2/7/23: Introduced 4/27 Passed com, ref to APPR Consent Cal postponed by author 7/5: Amended, ref to APPR 7/12 Read 2nd time 8/30 No change in status	<p>Update 7/20: CSDA led efforts to resolve issues with this bill and reports that Senate amendments restore clarity and assure that these fees operate under pre-existing audit requirements. The Mitigation Fee Act, requires a local agency that establishes, increases, or imposes a fee as a condition of approval of a development project to, among other things, determine a reasonable relationship between the fee's use and the type of development project on which the fee is imposed. The Mitigation Fee Act also imposes additional requirements for fees imposed to provide for an improvement to be constructed to serve a development project, or which is a fee for public improvements, as specified, including that the fees be deposited in a separate capital facilities account or fund. This bill would require a local agency that requires a qualified applicant, as described, to deposit fees for improvements, as described, into an escrow account as a condition for receiving a conditional use permit or equivalent development permit to expend the fees within a reasonable time of the deposit. The bill would require any fees not expended within this period to be returned to the qualified applicant that originally deposited the fees.</p>
	AB 541: Calif Safe Drinking Water Act: wildfire aftermath: benzene testing	2/8/23: Introduced 6/22 Haring postponed by author 7/5 Read 2nd time 8/30 No change in status	<p>Would direct the State Water Resources Control Board, on or after January 1, 2024, to require a public water system, water corporation, or water district that has experienced a major wildfire event within their service territory to test their water source for the presence of benzene immediately following that major wildfire event.</p>
	AB 557 – Open meetings: local agencies: teleconferences	2/8/23: Introduced 2/17 Com on LGOV 4/27 Authors revised 5/16 In Senate RLS 5/24 Ref to G&F, and JUD	<p>BCVWD – Support / ACWA – No position / CSDA – Sponsored CSDA's sponsored bill, <u>Assembly Bill 557 (Hart)</u>, will be heard tomorrow morning, June 7, in the Senate Governance and Finance Committee. Provided that the bill passes out of that committee, it will next be heard in the Senate Judiciary Committee — meaning AB 557 must pass both committees before the State Senate's July 14 deadline for policy committees to meet and report bills.</p> <p>Over 120 special districts and interested agencies throughout California have joined CSDA in supporting AB 557; if your agency wishes to get involved and support CSDA's efforts to get this bill signed into law, visit our Take Action page for AB</p>

	<p>6/19 Author's amendments, re-ref to JUD 6/29: Passed Com, read 2nd time 8/30 No change in status</p>	<p><u>557</u> and consider sending in a letter of support using either the sample template provided or by using CSDA's automated form letter process.</p> <p>AB 557 will eliminate the sunset included in the provisions added to the Brown Act by AB 361 (R. Rivas, 2021), effectively preserving those provisions added by CSDA's previously-sponsored legislation. AB 557 also revises the timeframe agencies have to pass a resolution reaffirming their temporary transition to emergency remote meeting procedures, increasing that window to 45 days (up from 30 days).</p>
<p>AB 604: Mobile home parks: water utility charges</p>	<p>2/8/23: Introduced 2/17 Ref to Com on H&CD 3/29 Passed Com, ref to APPR 4/24 Passed APPR, Passed Assembly 5/3 In Senate. Ref to com JUD and E,U&C 7/11: Passed com, ref to APPR 7/12 Read 2nd time 8/15 Ordered to 3rd reading</p>	<p>Under current law, a person or corp that maintains a mobile home park and provides water service to users through a submeter service system is not a public utility and is not subject to the jurisdiction, control, or regulation of the commission if each user of the submeter service system is charged at the rate which would be applicable if the user were receiving the water directly from the water corporation. Under current law, a mobile home park that provides water service only to its tenants from water supplies and facilities that it owns, not otherwise dedicated to public service, is not a water corporation, but that mobile home park is subject to the jurisdiction of the commission to the extent that, if a complaint is filed with the commission by tenants that represent 10% or more of the park's water service connections during any 12-mo. period, claiming that the water rates charged by the park are not just and reasonable or that the service is inadequate, the commission has jurisdiction to determine the merits of the complaint and determine whether the rates charged are just and reasonable and whether the water service provided is adequate. Current law prohibits the commission from making an order for the payment of reimbursement upon the ground of unjustness or unreasonableness if the rate in question has been previously declared by formal finding of the commission to be reasonable. This bill would prohibit the commission from making an order for the payment of reimbursement upon the ground of unjustness or unreasonableness if the rate in question complies with limitations on charges and fees in connection with water utility service under the Mobile home Residency Law. The bill would provide that a person or other entity that maintains a mobilehome park or a multiple unit residential complex, and provides water service through a submeter service system, is exempt from regulation as a public utility if management complies with those limitations</p>
<p>AB 627: Heavy duty trucks: grant program: operating requirements</p>	<p>2/9/23 Introduced 2/17: Ref to Coms on TRANS, and B&F 3/8 Hearing canceled by author 4/3 Amended, ref to TRANS 4/8 2nd hearing canceled by author 8/30: No change in status</p>	<p>AMENDED: Existing law <i>generally designates the State Air Resources Board as the state agency with the primary responsibility for the control of vehicular air pollution. Under existing law, a violation or failure to comply with a provision of the Vehicle Code constitutes an infraction.</i></p> <p><i>This bill, commencing on January 1, 2035, and except as specifically exempted, would prohibit the operation of a heavy-duty diesel-fueled vehicle, as defined, within the city limits of any city identified by the state board as containing a disadvantaged community and meeting specified air pollution criteria with respect to diesel particulate matter, as specified. A violation of this prohibition, as a provision within the Vehicle Code, would be punishable as an infraction. By expanding the scope of an existing crime, the bill would impose a state-mandated local program.</i></p> <p>This bill would require the <i>South Coast Air Quality Management District</i> to establish a <i>statewide</i> program to provide grants to operators of diesel-fueled heavy-duty trucks to replace a diesel-fueled truck with a new truck using a specified power source or to retrofit the diesel-fueled truck by replacing the diesel engine with a power source using a qualifying technology. The bill would require the SCAQMD to prioritize grants for certain purposes.</p>

<p>AB 664: Calif Safe Drinking Water Act: domestic wells</p>	<p>2/9/23: Introduced 4/19 Passed APPR 4/24 Passed Assm, now in Senate 5/3: Ref to Com on EQ 5/24 Amended, ref to EQ 6/7 Passed com, re-ref to APPR 6/26: Suspense file 8/30 No change in status</p>	<p><i>The California Safe Drinking Water Act provides for the operation of public water systems and imposes on the State Water Resources Control Board various duties and responsibilities for the regulation and control of drinking water in the state.- Existing law imposes certain responsibilities on public water systems and authorizes the state board to issue a citation to a public water system if the state board determines that the public water system is in violation of the act, or any regulation, permit, standard, or order issued or adopted under the act. Existing law requires a public water system to reimburse the state board for actual costs incurred by the state board for specified enforcement activities related to that water system, as provided.</i></p> <p><i>This bill would authorize the state board to issue a citation to any person if the state board determines that the person is in violation of the act, or any regulation, permit, standard, or order issued or adopted under the act. The bill would also require persons to reimburse the state board for actual costs incurred by the state water board for specified enforcement activities related to that person, as provided. The bill would expand the definition of "person," defined in existing law for purposes of the act to include individuals and various corporate and public entities, associations, and institutions, to also include the United States, to the extent authorized by federal law. To the extent that this bill would expand the scope of coverage of the act by applying its provisions to more persons and entities, thereby expanding the application of a crime, this bill would impose a state-mandated local program.</i></p> <p><i>(2) Existing law authorizes the board to order consolidation with a receiving water system, or extension of service to an area in preparation for consolidation, where a disadvantaged community is substantially reliant on domestic wells that consistently fail to provide an adequate supply of safe drinking water, or are at-risk domestic wells. Existing law provides that any domestic well owner within a consolidation or extended service area that does not provide written consent to the consolidation or extension of service shall be ineligible, until the consent is provided, for any future water-related grant funding from the state other than funding to mitigate a well failure, disaster, or other emergency. Existing law makes it a crime to knowingly commit certain acts related to safe drinking water, including violating an order issued by the board pursuant to the act that has a substantial probability of presenting an imminent danger to the health of persons. This bill would require the owner of any domestic well located within a consolidation or extended service area, if the owner does not provide written consent, to ensure that tenants of rental properties served solely by that domestic well have access to an adequate supply of safe drinking water. Until consent is provided, the bill would require the domestic well owner to test the drinking water from the domestic well once per year for primary and secondary water contaminants, provide the testing results to tenants, and provide or pay for uninterrupted replacement water service if the testing results demonstrate a violation of primary or secondary drinking water contaminant standards. The bill would require the state board to enforce these provisions relating to tenant rights only if the Legislature appropriates sufficient funds in the annual Budget Act or otherwise for that purpose. To the extent that knowingly violating an order of the board under these provisions, including an order to provide an adequate supply of safe drinking water in these circumstances, would expand the scope of a crime, this bill would impose a state-mandated local program.</i></p>
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	AB 676: Water: general state policy	2/13/23: Introduced 6/22 Hearing postponed by author 7/11 Amended and passed com 7/12 Read 2nd time and amended 8/21 Read 3rd time and amended 8/22 Read 2nd time	Current law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water and that the next highest use is for irrigation. This bill would provide specific examples of specify that the use of water for domestic purposes, including, but not limited to, sustenance of human beings and household conveniences, purposes includes water use for human consumption, cooking, sanitary purposes, and care of household livestock, animals, <i>gardens, fire suppression and other safety purposes, and any other purpose determined to be a domestic purpose by a court, as specified</i>
	AB 754: Water: management planning – water shortages automatic conservation plan	2/13/23 – Introduced 7/3 Passed Com on NR&W, author's amendments 7/11 Ref to APPR 8/9 Hearing canceled at request of author 8/14 Amended by author, ref to APPR 8/21 Ref to suspense	This bill would require a water shortage contingency plan to- <i>include, if based on a description and quantification of each source of water supply, a single reservoir constitutes at least 50% of the total water supply, an identification of the dam and description of existing reservoir management operations, as specified, and if the reservoir is owned and operated by the supplier, a description of operational practices and approaches, as specified.</i> The bill would require a water shortage contingency plan to include reservoir shortage levels relative to the target water supply storage curve that will trigger specified shortage response actions. This bill would- <i>require, if based on specified findings related to water supply, a single reservoir constitutes at least 50% of the total water supply, the policies for declaring a water shortage to consider specified information related to that reservoir.</i>
	AB 764: Local Redistricting	2/13 Read first time in Assembly 5/30 Passed Asm and ordered to Senate 6/7 Ref to E&CA and GOV and F 7/6 Passed committee after amendments 7/13 Read 2nd time and amended, re-ref to APPR 8/14 Ref to APPR suspense file	CSDA Analysis: This bill proposes to enact the FAIR MAPS Act of 2023, a successor to the FAIR MAPS Act of 2018. The FAIR MAPS Act of 2023 establishes required protocols and processes for special district redistricting, much like how the 2018 Act did for local agencies. Notably, the provisions that apply to special districts are distinct from those that apply to other types of agencies; the difference in treatment acknowledges the disparity in resources held by special districts compared to other local governments. CSDA joined other local government associations in working to amend language related to the creation of a new private right of action that would have led to increased litigation. Plaintiffs taking legal action against special districts could potentially recover court costs and attorneys' fees. Recent amendments following the bill's passage in the Senate Governance and Finance Committee have significantly revised these and related provisions.

	AB 817: Open meetings: teleconferencing: subsidiary body	2/13/23: Introduced 3/20 Amended, re-ref to LGOV 4/15 Com hearing postponed 8/30: No change	This bill would allow “subsidiary bodies” (i.e., a legislative body that serves exclusively in an advisory capacity and is not authorized to take final action on legislation, regulations, contracts, licenses, permits, or any other entitlements) to meet remotely without the Brown Act requirements traditionally associated with teleconferencing (e.g., that agenda meeting notices are posted at all teleconference locations) and without regard to any emergency situation. Each member of the subsidiary body would be required to participate through both audio and visual technology.
	AB 838: California Water Affordability and Infrastructure Transparency Act of 2023	2/14/23 – Introduced 3/29 Ref to APPR 4/19: Suspense File 8/30: No change	Would require, <u>beginning</u> January 1, 2025, and <u>thereafter at intervals determined by the state board</u> , public water systems to provide specified information and data related to customer water bills and efforts to replace aging infrastructure to the State Water Resources Control Board. By requiring information and data to be provided to the state board, this bill would expand the scope of a crime and create a state-mandated local program.
	AB 900: Aquifer recharge: grant program: streamlined permitting	2/13/23 – Introduced 2/8/23: Introduced 4/12 – Amended 4/17 Re-ref to W,P&W, passed, ref to APPR 5/10 Suspense File 8/30: No change	Current law requires the Natural Resources Agency to update every 3 years the state’s climate adaptation strategy, known as the Safeguarding California Plan, and to coordinate with other state agencies to identify vulnerabilities to climate change by sectors and priority actions needed to reduce the risks in those sectors. Current law requires, to address the vulnerabilities identified in the plan, state agencies to maximize specified objectives, including promoting the use of the plan to inform planning decisions and ensure that state investments consider climate change impacts, as well as promote the use of natural systems and natural infrastructure, when developing physical infrastructure to address adaptation. This bill would add aquifers as part of the meaning of natural infrastructure.
	AB 1072: Water use conservation and efficiency: low income residential customers	2/15/23 – Introduced 3/27: In Com on W,P&W. Amended. 4/24: Passed as amended, re-ref to APPR 5/17 Suspense file 5/18 Hearing postponed by com 8/30 No change in status	Would declare the policy of the state that <i>all residents have</i> access to water conservation and efficiency <i>programs</i> . Would also set forth related findings incl. that reaching the state’s environmental justice goals and commitments requires designing climate adaptation programs so that all households may participate. This bill would require, on and after January 1, 2025, urban wholesale water suppliers and urban water suppliers, as defined, to offer technical assistance and financial incentives, as described, to low-income residential customers to install efficient water conservation devices and climate resilient landscaping, as provided. The bill would require the department and the board to utilize, to the maximum extent allowable by law, existing funding programs to provide technical assistance and financial incentives for water conservation and efficiency to community water systems with fewer than 3,000 service connections serving disadvantaged communities, and to urban wholesale water suppliers and urban water suppliers that meet specified criteria. The bill would require the department and the board to prioritize assistance to community water systems with the greatest risks to water supply security. The bill would require the board, in cooperation with the department, prior to January 1, 2025, to hold at least one public workshop to solicit stakeholder input on technical assistance and financial incentive program design and implementation considerations. The bill would also require the board to adopt reporting requirements, as described, on or before July 1, 2026.

	<p>AB 1205: Water rights: sale, transfer, or lease: agricultural lands permits and licenses temporary: water or water rights transfers</p>	<p>2/15/23 – Introduced 3/23: Ref to Com on W,P&W. Amended. 5/23: Read 1st time in Senate 7/13 Read 2nd time and amended 8/21 Ref to APPR suspense file</p>	<p>Would find and declare that speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater water right previously put to beneficial use on agricultural lands within the state is a waste or an unreasonable use of water.</p> <p><i>This bill would require the State Water Resources Control Board to, on or before January 1, 2027, conduct a study and report to the Legislature and appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands, as specified. The bill would repeal this provision on January 1, 2031.</i></p>
	<p>AB 1334: Mobilehome parks: additional spaces: exemption from additional fees or charges</p>	<p>2/15/23 – Introduced 3/2: Ref to Com H&CD 5/25 Passed Assm 5/26 Read 1st time in Senate 6/21 Passed Housing and G&F, ref to APPR 7/10 Suspense file 8/30 No change in status</p>	<p>Current law, the Mobilehome Parks Act, regulates various classifications of mobilehome and related vehicle parks, and imposes enforcement duties on the Department of Housing and Community Development and local enforcement agencies. The act authorizes any person to file an application with the governing body of a city or county for a conditional use permit for a mobilehome park. The act requires a person, before operating a mobilehome park, and each year thereafter, to obtain a valid permit from the Watch B. Watch Legislative Committee, Page 14 - March 30, 2023 enforcement agency in order to operate the park. The act also requires the owner of a mobilehome park to obtain a permit to create, move, shift, or alter park lot lines. This bill would authorize an owner of an existing mobilehome park that is subject to, or intends to qualify for, a valid permit to operate the park, to apply to the enforcement agency to add additional <i>specified</i> spaces to the mobilehome park not to exceed 10% of the previously approved number of spaces in the mobilehome park. <i>park, if the owner has not been served with a notice of violation that constitutes an imminent threat to health and safety.</i> Would exempt the additional spaces from any business tax, local registration fee, use permit fee, or other fee that does not apply to <i>fee, except those fees that apply to</i> the existing spaces in the park.</p>
	<p>AB 1337: State Water Resources Control Board: water diversion curtailment shortage enforcement</p>	<p>2/16/23 – Introduced 5/18 Passed out of Suspense 5/31 Read 1st time in Senate 6/7 Ref to NR&W 7/10 Hearing postponed 3 times, and canceled by author 8/30 No change in status</p>	<p>BCVWD – Oppose / ACWA – Oppose / CSDA – Oppose</p> <p>ACWA News 7/21: Bill has failed to advance from Committee and is now a 2-year bill</p> <p>5/17/23 – ACWA issued a Floor Alert BCVWD has registered its opposition and joined the Coalition</p> <p>Would authorize the State Water Resources Control Board to adopt regulations for various water conservation purposes, including, but not limited to, to prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water, and to implement these regulations through orders curtailing the diversion or use of water under any claim of right. The bill would require the board to provide notice and an opportunity to be heard before issuing an order, except where an opportunity to be heard before the issuance of an order would be impractical given the likelihood of harm to the purposes of the various water conservation regulations. The bill would provide that a person or entity may be civilly liable for a violation of any regulation or order issued by the board pursuant to these provisions in an amount not to exceed \$1,000 for each day in which the violation has occurred and \$2,500 for each acre-foot of water diverted or used in violation of the applicable requirement. The bill would authorize the imposition of this civil liability by the superior court, as specified, or administratively by the board. The bill would provide that a regulation or order issued by the board pursuant to these provisions, or by emergency regulation, is exempt from the California Environmental Quality Act (CEQA).</p>

	<p>AB 1379: Open meetings: local agencies: teleconference</p>	<p>2/17/23: Introduced 3/23 From com w/ author's amendments 3/27 re-ref to LGOV 4/24 First hearing canceled at request of author 8/30 No change in status</p>	<p>This bill would provide that a local agency may instead post agendas at a singular designated physical meeting location, rather than at all teleconference locations. The bill would remove the requirements for the legislative body of the local agency to identify each teleconference location in the notice and agenda, that each teleconference location be accessible to the public, and that at least a quorum of the members participate from locations within the boundaries of the territory over which the local agency exercises jurisdiction. The bill would instead provide that, for purposes of establishing a quorum of the legislative body, members of the body may participate remotely, at the designated physical location, or at both the designated physical meeting location and remotely. The bill would require the legislative body to have at least two meetings per year in which the legislative body's members are in person at a singular designated physical meeting location. Notably, AB 1379 also revises a number of provisions added to the Brown Act by AB 2449 (Lee, 2022)</p>
	<p>AB 1490: Affordable housing development: adaptive reuse</p>	<p>2/15/23: Introduced 4/10 Amended by author, re-ref to H&CD 4/19 Authors revised 4/27 ref to APPR 5/10 Read 2nd time and amended 5/17 Com on APPR – Suspense File 5/26: Read 1st time in Senate 6/7 Ref to Housing and G&F 6/27 Passed com w author's amendments 7/6 Passed APPR 7/10 Read 2nd time and amended. Re-ref to APPR 8/14 Ref to APPR suspense file</p>	<p>7/20 CSDA Update: Bill has been amended to address concerns, and CSDA has changed to a neutral position. Current law requires the Department of Housing and Community Development to give priority with respect to funding under the Multifamily Housing Program to projects that prioritize adaptive reuse in existing developed areas served with public infrastructure, as specified. Per existing-law, the Housing Accountability Act prohibits a local agency from disapproving, or conditioning approval in a manner that renders infeasible, a housing development project, as defined for purposes of the act, for very low, low-, or moderate-income households or an emergency shelter unless the local agency makes specified written findings based on a preponderance of the evidence in the record. It shall not be construed to prohibit a local agency from requiring a housing development project to comply with objective, quantifiable, written development standards, conditions, and policies appropriate to, and consistent with, meeting the jurisdiction's share of the regional housing need, except as provided. That act further provides that a housing development project or emergency shelter shall be deemed consistent, compliant, and in conformity with an applicable plan, program, policy, ordinance, standard, requirement, or other similar provision if there is substantial evidence that would allow a reasonable person to conclude that the housing development project or emergency shelter is consistent, compliant, or in conformity.</p> <p>Under this bill, an extremely affordable adaptive reuse project on an infill parcel that is not located on or adjoined to an industrial use site would be an allowable use. Would provide that for purposes of the Housing Accountability Act, a proposed housing development project is consistent, compliant, and in conformity with an applicable plan, program, policy, ordinance, standard, requirement, or other similar provision if the housing development project is consistent with the standards specified in these provisions. Would require a local agency to determine whether the proposed development meets those standards within specified timeframes. The bill would define an extremely affordable adaptive reuse project for these purposes to mean a multifamily housing development project that involves retrofitting and repurposing of an existing building that includes residential units, as specified, and that meets specified affordability- requirements, including that 100% of the units be- dedicated to lower income households, 50% of which shall be dedicated to very low income households,- as specified.</p>

	<p>AB 1563: Groundwater sustainability agency: groundwater extraction permit: verification</p>	<p>2/17/23 – Introduced 5/25: Passed Assm 5/26: Read 1st time in Senate 6/7 Ref to NR&W and G&F 6/28 Passed com w/ Author's amendments 7/12 Hearing canceled at request of author 8/30 No change in status</p>	<p>Existing law authorizes a groundwater sustainability agency to request of the county, and requires a county to consider, that the county forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the agency before permit approval. This bill would instead require a county to forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the groundwater sustainability agency before permit approval. This bill contains other related provisions and other existing laws.</p>
	<p>AB 1567: Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy and Workforce Development Bond Act of 2023</p>	<p>2/17/23 – Introduced 3/13: Ref to W,P&W and Natural Resource. 5/10 APPR – Suspense File 5/31 Passed Assm 6/1 Read 1st time in Senate. Ref to RLS 6/14 Ref to com on NR&W, GOV&F 8/30 No change in status</p>	<p>The California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018, approved by the voters as Proposition 68 at the June 5, 2018, statewide primary election, authorizes the issuance of bonds in the amount of \$4,100,000,000 pursuant to the State General Obligation Bond Law to finance a drought, water, parks, climate, coastal protection, and outdoor access for all programs. Article XVI of the California Constitution requires measures authorizing general obligation bonds to specify the single object or work to be funded by the bonds and further requires a bond act to be approved by a 2/3 vote of each house of the Legislature and a majority of the voters. This bill would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2023, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,105,000,000 \$15,995,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, clean energy, and workforce development programs.</p>
	<p>AB 1572: Potable water: nonfunctional turf</p>	<p>2/17/23 – Introduced 3/13: Ref to Com on Water, Parks, Wildlife 4/19 Passed as amended, ref APPR 4/20 Suspense File 5/22: Passed out of Suspense, 5/31 Passed Assm 6/1 Read 1st time in Senate. Ref to RLS</p>	<p>8/27/23 News coverage: https://www.nbcbayarea.com/news/california/proposed-bill-would-limit-how-california-businesses-water-decorative-lawns/3302347/ ACWA Update: AB 1572 by Assembly Member Laura Friedman (D-Glendale) would create a regulatory structure around a prohibition on the use of potable water for the irrigation of nonfunctional turf on properties other than single-family homes. The bill was amended coming off the Assembly Suspense File in May with new definitions and additional clarity around local government coordination on enforcement. Based on these changes and the significant progress on amendments that ACWA has requested to date, ACWA's State Legislative Committee on May 26 changed the position from oppose-unless-amended to a watch-if-amended position. The last policy issue that is not fully resolved is the continued inclusion of multifamily housing within the scope of the bill. ACWA staff continues to coordinate with its turf policy work group and advocate for amendments. Existing law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water. This bill would make legislative findings and declarations concerning water use, including that the use of</p>

		<p>6/19 From com w/ author's amendments 7/6 From com w amendments 7/10 Read 2nd time and amended. Re-ref to APPR 8/16 Amended by author, ref to APPR 8/17 Hearing postponed by committee 8/28 Ref to suspense</p>	<p>potable water to irrigate nonfunctional turf is wasteful and incompatible with state policy relating to climate change, water conservation, and reduced reliance on the Sacramento-San Joaquin Delta ecosystem. The bill would direct all appropriate state agencies to encourage and support the elimination of irrigation of nonfunctional turf with potable water. This bill contains other related provisions and other existing laws.</p> <p>This bill would prohibit the use of potable water, as defined, for the irrigation of nonfunctional turf located on commercial, industrial, and institutional properties other than a <i>cemetery and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities</i>, as specified. The bill would require the State Water Resources Control Board to establish, no later than July 1, 2026, specified compliance and certification requirements. The bill would require owners of covered properties to certify their compliance with these provisions, as specified. The bill would authorize a public water system, city, county, or city and county to enforce these provisions, as specified. The bill would require the Governor's Office of Business and Economic Development to support small and minority-owned businesses that provide services that advance compliance with these provisions.</p>
	<p>AB 1573: Water conservation: landscape design: model ordinance</p>	<p>2/17/23 – Introduced 3/9: Ref to Com on Water, Parks & Wildlife 3/23: Amended by author. Re-ref to com on W,P&W 4/19: Passed W,P&W, ref to APPR 5/3 Suspense File 5/31 Passed Assm 6/1 Read 1st time in Senate. Ref to RLS 6/21 in NR&W com. Hearing postponed by committee 7/6 From com w amendments 7/10 Read 2nd time and amended 8/16 Amended by author, re-ref to APPR 8/28 Ref to suspense</p>	<p>The Water Conservation in Landscaping Act provides for a model water efficient landscape ordinance that is adopted and updated at least every 3 years by DWR, unless the department makes a specified finding. Existing law requires a local agency to adopt the model ordinance or to adopt a water efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance, except as specified. Existing law specifies the provisions of the updated model ordinance, as provided. This bill would require the updated model ordinance to include provisions that require that plants included in a landscape design plan be selected based on their adaptability to climatic, geological, and topographical conditions of the project site, as specified. The bill would also exempt landscaping that is part of ecological restoration projects that do not require a permanent irrigation system, mined-land reclamation projects that do not require a permanent irrigation system, and existing plant collections, as part of botanical gardens and arboretums open to the public, from the model ordinance. The bill would require the updated model ordinance to include provisions that require that all new or renovated nonresidential areas install plants that meet specified criteria, and that prohibit the inclusion of nonfunctional turf in nonresidential landscape projects after January 1, 2026. The bill would also revise the legislative findings and declarations to state that the model ordinance furthers the state's goal to conserve biodiversity and provide for climate resilience consistent with state drought efforts to eliminate the use of irrigation of nonfunctional turf.</p> <p>BBK Analysis: This bill would enact a prohibition on watering nonfunctional turf with potable water. What is surprising about the amount of time spent debating this bill in association meetings and calls is that there is little opposition to the central purpose of the bill. Putting drinking water on median strips has become almost unthinkable, yet the other details of the bill are truly difficult. Who is responsible for enforcement? SWRCB or local agencies? How is non functional turf defined? Despite little opposition to the core purpose of the bill, the details have been the focus of hours of debate and it is unclear if there will be broad consensus on the bill.</p>

	<p>AB 1594: Medium and heavy duty zero emission vehicles: public agency utilities</p>	<p>2/15/23: Introduced 4/25: Authors revised 4/25: Passed com, ref to APPR 5/10 Suspense File 5/22: Passed out of Suspense, ordered to 3rd reading 7/5 Passed com, re-ref to Trans 7/12, Passed as amended, ref to APPR 7/13 Read 2nd time and amended, re-ref to APPR 8/14 Ref to suspense</p>	<p>CSDA supports. Amended due to Exec Order N-79-20. Executive Order No. N-79-20 establishes the goal of transitioning medium- and heavy-duty vehicles in California to zero-emission vehicles by 2045 for all operations where feasible and by 2035 for drayage trucks, and requires the State Air Resources Board to develop and propose medium- and heavy-duty vehicle regulations to meet that goal. Existing law establishes the Air Quality Improvement Program that is administered by the board for purposes of funding projects related to, among other things, the reduction of criteria air pollutants and improvement of air quality, and establishes the Medium- and Heavy-Duty Zero-Emission Vehicle Fleet Purchasing Assistance Program within the Air Quality Improvement Program to make financing tools and nonfinancial supports available to operators of medium- and heavy-duty vehicle fleets to enable those operators to transition their fleets to zero-emission vehicles. <i>This bill would require any state regulation that seeks to require, or otherwise compel, the procurement of medium- and heavy-duty zero-emission vehicles to authorize public agency utilities to purchase replacements for traditional utility-specialized vehicles that are at the end of life when needed to maintain reliable service and respond to major foreseeable events, including severe weather, wildfires, natural disasters, and physical attacks, as specified. The bill would define a public agency utility to include a local publicly owned electric utility, a community water system, and a wastewater treatment provider, as specified.</i></p>
	<p>AB 1639: Water systems: manufactured housing communities</p>	<p>2/17/23 – Introduced 8/30: No change in status</p>	<p>Existing law authorizes an owner of a master-metered mobilehome park or manufactured housing community that provides gas or electrical service to residents to transfer ownership and operational responsibility to the gas corporation or electrical corporation providing service in the area in which the park or community is located. This bill would, in addition to making specified findings and declarations, state the intent of the Legislature to enact future legislation to require water corporations to purchase, own, and operate water systems currently owned and operated by manufactured housing communities, upon request of the owner, to assume responsibility for direct delivery of water to residents of those communities, as specified.</p>
	<p>ACA 1: Local Government Financing: affordable housing and public infrastructure: voter approval</p> <p>Constitutional amendment</p>	<p>12/5/22: Introduced 5/26: Ref to LGov 7/12, From Com , amended, re-ref to APPR 7/13 Read 2nd time and amended 8/23 Ref to APPR suspense file</p>	<p>This is the same legislation that has been introduced and failed over the last two legislative sessions. A resolution to propose to the people of the State of California an amendment to the Constitution of the State, by amending Sections 1 and 4 of Article XIII A thereof, by amending Section 2 of, and by adding Section 2.5 to, Article XIII C thereof, by amending Section 3 of Article XIII D thereof, and by amending Section 18 of Article XVI thereof, relating to local finance. The bill would lower the threshold for voter approval of to 55 percent. For detail: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=202320240ACA1 CSDA SUMMARY: This measure is a reintroduction of the same bill from the 2019-20 and 2021-22 sessions. It provides for a new 55% voter threshold for local agencies to pass special taxes for certain infrastructure and housing projects. It also provides the same threshold for local governments to pass General Obligation bonds for the same infrastructure and housing projects. There are strict accountability measures attached to these new mechanisms. This is a constitutional amendment and will require a 2/3rds vote in each house of the Legislature, as well as a vote of the people in 2023, to take effect. The prior-year measure was not taken up for a hearing or vote in 2022. <i>(updated 2.3.23)</i></p>

	ACA 2: Water and Wildfire Resiliency Act of 2023	12/5/22: Introduced 4/20: Ref to W,P&W and Natural Resources 8/30 No change	Would establish the Water and Wildfire Resiliency Fund and require transfer of 3% of all State revenues that many be appropriated from the General Fund to the Water and Wildfire Resiliency Fund. Would require the monies in the fund to be appropriated by the Legislature and would require that 50% be used for water projects.
	ACA 13: Protect and Retain the Majority Vote Act Constitutional Amendment: Voting Thresholds	7/13/23: Introduced, read first time 8/17 Amended in Elections Com, read 2nd time 8/21 Re-ref to Elections 8/24 Authors revised 8/24 Re-ref to APPR	The California Constitution provides that a proposed constitutional amendment and a statewide initiative measure each take effect only if approved by a majority of the votes cast on the amendment or measure. This measure would further provide that an initiative measure that includes one or more provisions that would amend the Constitution to increase the voter approval requirement to adopt any state or local measure would be approved by the voters only if the proportion of votes cast in favor of the initiative measure is equal to or greater than the highest voter approval requirement that the initiative measure would impose. The California Constitution also permits initiative and referendum powers to be exercised by the voters of each city or county under procedures provided by the Legislature. This measure would expressly authorize a local governing body to hold an advisory vote concerning any issue of governance for the purpose of allowing voters within the jurisdiction to voice their opinions on the issue. The measure would specify that an advisory question is approved only if a majority of the votes cast on the question are in favor. This measure would further declare that its provisions are severable and that if any provision is held invalid, the other provisions of the act remain valid, as specified.
	SB 3: Discontinuation of residential water service – community water system	12/5/22: Introduced 3/21: Passed E,U&C Com, ref to APPR 4/10 Hearing postponed by com 4/17: Hearing held, placed on APPR Suspense File 5/22: Passed committee 5/31 Passed Sen 6/1 Read 1st time in Assm, held at desk 6/15 From ES&TM com w author's amendments	The Water Shutoff Protection Act prohibits an urban and community water system, defined as a public water system that supplies water to more than 200 service connections, from discontinuing residential service for nonpayment, as specified, and requires specified procedures before it can discontinue residential service for nonpayment. Current law defines a community water system as a public water system that serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents of the area served by the system. Current law requires an urban and community water system to have a written policy on discontinuation of residential service for nonpayment available in English, the specified languages in the Civil Code, and any other language spoken by at least 10% of the people residing in its service area. This bill would expand the scope of the Water Shutoff Protection Act by requiring that it instead apply to a community water system, defined to have the same meaning as existing law. The bill would require a community water system that supplies water to 200 service connections or fewer to comply with the act's provisions on and after August 1, 2024. The bill would instead apply the above-described language requirements for the written policy of discontinuation of residential service for nonpayment to a community water system that serves 200 or more service connections. The bill would require a community water system that serves fewer than 200 service connections to have a written policy on disconnection of residential service for nonpayment available in English, any language spoken by at least 10% of the people residing in its service area, and, upon request of a customer, the specified languages in the Civil Code. CSDA SUMMARY: Effective on and after August 1, 2024, this bill extends the existing requirement that a community water system not discontinue residential service for nonpayment until a payment by a customer has been delinquent for at least 60

	6/21 Passed com and re-ref to APPR 8/23 set for hearing but placed on suspense	days, and other requirements (including notices, policies and procedures, alternative payment plans, prohibitions on disconnection under certain circumstances, capped reconnection fees and interest waivers for specified low income customers, language requirements, tenant protections, website postings and reporting if a website exists, and enforcement mechanisms), to all community water systems, not just those with over 200 service connections. "Community water system" has the same meaning as defined in Health and Safety Code Section 116275 (a public water system that serves at least 15 service connections used by year-long residents or regularly serves at least 25 year-long residents of the area served by the system). This bill deletes prior references to "Urban and community water system" and "Urban water supplier," and deletes existing requirements applicable to those entities. <i>(updated 2.1.23)</i>
SB 29: FPPC: political reform education program	12/5/22: Introduced 5/25 Urgency clause added, Read 1st time in Assembly 6/22 Read 2nd time and amended. Re-ref to APPR 8/16 set for hearing but placed on suspense	Current law makes a knowing or willful violation of the Political Reform Act a misdemeanor and subjects offenders to criminal penalties. Under existing law, a person who files an original statement or report after a deadline imposed by the PRA is liable in the amount of \$10 per day after the deadline until the report is filed. A filing officer is authorized to not impose this liability if the late filing was not willful and if enforcement will not further the purposes of the PRA. This bill would authorize the FPPC to establish and administer a political reform education program as an alternative to an administrative proceeding. The bill would prohibit a filing officer from imposing the \$10 per day liability if the person who filed the late report or statement was unable to timely file due to serious illness or hospitalization or if the person completes the political reform education program, as specified.
SB 57: Utilities: disconnection of residential service	12/16/22: Introduced 1/18: Ref to RLS 3/15 Amended. Read 2 nd time, re-ref to RLS 3/22: Re-ref to coms on E,U&C, and JUD 4/18 Hearing canceled at request of author 8/30: No change	Would require a local agency that owns a public water system to postpone the disconnection of a customer's residential service for nonpayment of a delinquent account when the temperature will be 32 degrees Fahrenheit or cooler, or 95 degrees Fahrenheit or warmer, within the utility's service area during the 24 hours after that service disconnection would occur, as specified. The bill would require each of those utilities to notify its residential ratepayers of that requirement and to create an online reporting system available through its internet website, if it has one, that enables its residential ratepayers to report when their utility service has been disconnected in violation of that requirement, as specified. The bill would require the PUC to establish a citation program to impose a penalty on an electrical corporation or gas corporation that violates that requirement, and require each local publicly owned electric utility and local publicly owned gas utility to annually report to the State Energy Resources Conservation and Development Commission the number of residential service connections it disconnected for nonpayment of a delinquent account. The bill would authorize the State Water Resources Control Board to enforce the requirement that a water corporation and local agency that owns a public water system postpone a disconnection of a customer's residential service, as specified.

	<p>SB 231: Dept of Water Resources: Water Supply Forecasting Water Measurement</p>	<p>1/23/23 Introduced 4/19 Passed, ref to APPR 5/1 Suspense File 5/25 Passed Senate 5/25 Read 1st time in Assembly, ref to WP&W 6/19 From Com on WP&W as amended, re-ref to APPR 7/12 Read 2nd time and amended 8/23 set for hearing but placed on suspense</p>	<p>Existing law requires the Department of Water Resources, the State Water Resources Control Board, and the State Department of Public Health to coordinate the collection, management, and use of agricultural and urban water measurement information provided to each agency. Existing law requires the board, in collaboration with the DWR, the California Bay-Delta Authority or its successor agency, and the State Department of Public Health, to prepare and submit a report to the Legislature by January 1, 2009, evaluating the feasibility, estimated costs, and potential means of financing a coordinated water measurement database.</p> <p>Would require the board, in collaboration with the DWR and the Delta Stewardship Council, the authority or its successor agency, and the State Department of Public Health, to prepare and submit an update to the report to the Legislature by January 1, 2025, evaluating the feasibility, estimated costs, and potential means of financing a coordinated water measurement database, as specified.</p> <p><i>The bill would require the department to inventory its existing drought mitigation and response plans and submit a report to the Legislature identifying these plans and their purposes by December 31, 2025. The bill would require the report to include a recommendation on whether there is a need for a new comprehensive, long-term plan for mitigating and responding to the effects of drought at the state level.</i></p>
	<p>SB 248: Political Reform Act: disclosures: candidate experience</p>	<p>1/26/23 Introduced 4/19 Ref to APPR 5/1 Suspense file 5/31 Passed Senate 6/13 Passed com w/ author's amendments 6/21 – Coauthors revised. Passed Com and re-ref to APPR 8/16 Placed on suspense 8/28 Author's amendments, read second time, re-ref to APPR</p>	<p>The Political Reform Act of 1974 requires candidates for elective office to make various disclosures relating to a campaign for elective office. This bill would require, on or after April 1, 2024, a candidate for elective office to file with the FPPC no later than the final filing date of a declaration of candidacy, a form to disclose the candidate's prior education and work history, and history of military service, if any. The filing would contain a statement, signed under penalty of perjury, that the information contained in the form is accurate to the best of the candidate's knowledge.</p> <p><i>The bill would establish penalties and enforcement procedures for these requirements, as specified. The bill would state that it is the intent of the Legislature that a violation of these provisions be considered grounds for disqualification from elective office, and that a governing body with the power to remove an elected officer from an office may consider violation of this chapter as grounds for such removal.</i></p>

	<p>SB 315: Groundwater: groundwater sustainability agencies: probationary basins</p>	<p>2/6/23: Introduced 3/21 From Com on RLS w/ author's amendments. 3/29 Re-ref to Com on NR&W 4/10: From Com on NR&W w/ author's amendments. 4/19 Passed as amended ref to APPR 5/1 Suspense File 5/18 Hearing 8/30 No change in status</p>	<p>Amended: Existing law, the Sustainable Groundwater Management Act, requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. The act authorizes the State Water Resources Control Board to designate specified basins as probationary basins if certain conditions are met, including, but not limited to, that the department, in consultation with the board, determines that a groundwater sustainability plan is inadequate or that the groundwater sustainability program is not being implemented in a manner that will likely achieve the sustainability goal. Existing law requires the board, if it designates a basin as a probationary basin pursuant to specified conditions, to identify the specific deficiencies and potential remedies. Existing law authorizes the board to request the department, within 90 days of the designation, to provide technical recommendations to local agencies to remedy the deficiencies and to develop an interim plan for the probationary basin one year after the designation, as specified.</p> <p>This bill would require any groundwater sustainability agency that hires a third-party consulting firm to ensure that the integrity of the science being used to develop a groundwater sustainability plan is protected and the data is not sold. The bill would delete the authorizations for the board to request technical recommendations from the department. The bill would additionally place various requirements on the board in working with a groundwater sustainability agency, including, among other things, requiring the board to provide clear benchmarks and guidance for groundwater sustainability agencies to improve their groundwater management plans.</p> <p>This bill would-require the Sustainable Groundwater Management Grant Program to allocate at least \$50,000,000 of existing funds for a Critical Facilities Subsidence Mitigation subprogram, to be used for groundwater sustainability agencies that meet certain criteria and for certain purposes.</p>
	<p>SB 328: Political Reform Act: contribution limits</p>	<p>2/7/23: Introduced 5/31 Passed Senate 6/1 Read 1st time in Assembly; held 6/28 From Elections Com w author's amendments 7/6 Ref to APPR 8/23 set for hearing but placed on suspense</p>	<p>The Political Reform Act of 1974 prohibits a person, other than a small contributor committee or political party committee, from making to a candidate for elective state, county, or city office, and prohibits those candidates from accepting from a person, a contribution totaling more than \$3,000 per election, as that amount is adjusted by the Fair Political Practices Commission in January of every odd-numbered year to reflect changes in the Consumer Price Index. This bill would apply those contribution limits to candidates for school district, community college district, and other special district elections. The bill would make certain other provisions of the act relating to contribution limits applicable to candidates for district office.</p> <p>This bill would retain the existing provisions of law until January 1, 2025, and on that date would repeal the existing law and make operative the provisions of the bill described in this paragraph.</p>

	<p>SB 366: Calif Water Plan: long term supply targets</p>	<p>2/8/23 Introduced 2/15 Ref to RLS 4/26 Passed as amended, ref to APPR 5/31 Passed Senate 6/1 Read 1st time in Assm, ref to WP&W 6/29 From Com w author's amendments 7/11 Hearing canceled at request of author 8/30 No change in status</p>	<p>Existing law requires DWR to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources, known as the California Water Plan. This bill would require DWR to instead establish a stakeholder advisory committee, to expand the membership of the committee to include tribes and environmental justice interests, to prohibit a member of the committee from serving longer than the development of 2 updates, and to require the committee to meet a minimum of 4 times annually. The bill would require the department, in coordination to coordinate with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified water supply targets established by the bill for purposes of "The California Water Plan." The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all beneficial uses. The bill would require the plan to include specified components, including an economic analysis and a long-term financing plan. The bill would require the department to develop the long-term financing plan, as provided, to meet the water supply targets and include the final financing plan as part of each update. The bill would require the Director of Water Resources to provide an oral and written report to the Legislature, each year by May 1, department to submit to the Legislature an annual report regarding the progress made toward meeting the water supply targets, once established as specified. The bill would also require the department to conduct public workshops to give interested parties an opportunity to comment on the plan and to post the preliminary draft.</p>
	<p>SB 389: State Water RCB: <u>determination investigation</u> of water right</p>	<p>2/9/23 Introduced 5/31: Read first time in Assembly 7/6 From Com on WP&W with author's amendments, Read 2nd time and amended. Re-ref to WP&W 7/11 Ref to APPR 8/16 Passed APPR 8/17 Read 2nd time</p>	<p>BCVWD – Opposed unless amended – now amended / ACWA – Watch / CSDA – Watch</p> <p>ACWA News 7/21: Bill was substantively amended in the Assembly Water, Parks, and Wildlife Committee on July 11. The amendments addressed many of the concerns previously raised by the opposition. On July 14, ACWA's State Legislative Committee moved to a watch position on the bill. ACWA has been actively negotiating with the bill's author on amendments to SB 389. ACWA and others have been successful in obtaining significant amendments that removed the most concerning aspects of the bill. The current version of the bill would authorize the State Water Board to issue "information orders" to water right holders, particularly those with senior water rights. The intent of the bill is to allow the State Water Board to obtain information demonstrating the validity and scope of senior water rights. ACWA rallied members to testify in opposition at the 6/27/23 hearing on this bill. This bill provides that State Water Resources Control Board may investigate the diversion and use of water from a stream system to determine whether the diversion and use are based on appropriation, riparian right, or other basis. In furtherance of such an investigation, <i>This bill would instead authorize the board to investigate and ascertain whether or not a water right is valid. The bill would authorize the board to issue an information order in furtherance of an investigation, as executed by the executive director of the board, to a water right holder or claimant, diverter, or user to provide the information related to a diversion and use of water, as specified. The bill would authorize a diversion or use of water ascertained to be unauthorized pursuant to this provision to be enforced as a trespass.</i></p>

	<p>SB 537: Open meetings: multi-jurisdictional, cross-county agencies: teleconferences</p>	<p>2/14/23: Introduced 2/22 Ref to RLS 3/22 Author amendments 3/29 Ref to G&F, and JUD 4/20 Passed as amended, ref to JUD 5/3 Passed JUD 5/30 Passed Senate, urgency clause 5/31 Read 1st time in Assembly. 6/15 Ref to Com on LGOV 7/18 Passed com as amended 8/14 Read 2nd time and amended 8/15 Ordered to 3rd reading</p>	<p>Current law, under the Ralph M. Brown Act, requires that, during a teleconference, at least a quorum of the members of the legislative body participate from locations within the boundaries of the territory over which the local agency exercises jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. Current law, until January 1, 2024, authorizes the legislative body of a local agency to use alternate teleconferencing provisions during a proclaimed state of emergency or in other situations related to public health that exempt a legislative body from the general requirements (emergency provisions) and impose different requirements for notice, agenda, and public participation, as prescribed. The emergency provisions specify that they do not require a legislative body to provide a physical location from which the public may attend or comment. Current law, until January 1, 2026, authorizes the legislative body of a local agency to use alternative teleconferencing in certain circumstances related to the particular member if at least a quorum of its members participate from a singular physical location that is open to the public and situated within the agency's jurisdiction and other requirements are met, including restrictions on remote participation by a member of the legislative body. These circumstances include if a member shows "just cause," including for a childcare or caregiving need of a relative that requires the member to participate remotely. This bill would expand the circumstances of "just cause" to apply to the situation in which an immunocompromised child, parent, grandparent, or other specified relative requires the member to participate remotely. <i>This bill would expand the circumstances of "just cause" to apply to the situation in which an immunocompromised child, parent, grandparent, or other specified relative requires the member to participate remotely.</i></p> <p>This The bill would authorize the legislative body of a multijurisdictional, cross-county agency, as specified, to use alternate teleconferencing provisions- If the eligible legislative body has adopted an authorizing resolution, as specified. The bill would also require a the legislative body to provide a record of attendance and the number of public comments on its internet website within 7 days after a teleconference meeting, as specified. The bill would- Require at least a quorum of members of the legislative body to participate from locations within the boundaries of the territory over which the local agency exercises jurisdiction. The bill would require the legislative body to identify in the agenda each member who plans to participate remotely and to include the address of the publicly accessible building from each member will participate via teleconference. The bill would prohibit a member from participating remotely pursuant to these provisions unless the remote location is the member's office or another location in a publicly accessible building and is more than 40 miles from the location of the in-person meeting. The bill would repeal these alternative teleconferencing provisions on January 1, 2028.</p> <p>This bill would declare that it is to take effect immediately as an urgency statute.</p>
	<p>SB 597: Building standards: rainwater catchment systems</p>	<p>2/9/23 Introduced 3/21: From RLS w/ author's amendments 3/29 Re-ref to HOUS 4/19 Passed com, ref to APPR 5/1 Suspense File 5/24: Passed Senate</p>	<p>The Calif Building Standards Law requires a state agency that adopts or proposes adoption of a building standard to submit the standard to the California Building Standards Commission for approval and adoption. Existing law makes the commission responsible for publication of an updated edition of the California Building Standards Code every 3 years. Existing law requires the Department of Housing and Community Development to propose to the commission the adoption, amendment, or repeal of building standards for, among other things, the installation of recycled water systems for newly constructed single-family residential and multifamily residential buildings, as specified.</p> <p>This bill would require the department to conduct research, as specified, to assist in the development of mandatory research and develop recommendations regarding building standards for the installation of rainwater catchment systems</p>

	<p>5/25 Read 1st time in Assembly 6/1: Ref to H&CD 6/21 Passed as amended 6/22 Read 2nd time and amended 7/12 Suspense file 8/30 No change</p>	<p>in newly constructed residential dwellings. The bill would require the department to submit those mandatory building standards to the commission for adoption and for consideration during the next regularly scheduled triennial code adoption cycle. And would authorize the department to <i>propose related building standards to the commission for consideration, as specified</i> The bill would also authorize the department to propose an amendment or repeal of these mandatory standards as necessary in subsequent code adoption cycles. The bill would authorize the department to expend moneys from the Building Standards Administration Special Revolving Fund for the above-described purposes, upon appropriation by the Legislature, as specified. <i>The bill would require the department, on or before January 1, 2025, to provide a report to specified committees of the Legislature regarding the outcomes of its research and the recommendations developed.</i></p>
<p>SB 651: Water storage and recharge: CEQA: <i>groundwater recharge projects: Judicial Council rules of court Sacramento-San Joaquin Delta Reform Act of 2009: exemptions</i></p>	<p>2/16/23 Introduced 5/24: Passed Senate 5/25: Read 1st time in Assembly 6/1 Ref to WP&W, and NR 6/21 Passed com as amended 6/22 Read 2nd time and amended 8/30 No change</p>	<p>Would make it the policy of this state that, to help advance groundwater recharge projects, and to demonstrate the feasibility of projects that can use available high water flows to recharge local groundwater while minimizing flood risks, the state board and the regional water quality control boards prioritize water right permits, water quality certifications, waste discharge requirements, and conditional waivers of waste discharge requirements to accelerate approvals for projects that enhance the ability of a local or state agency to capture high precipitation events for local storage or recharge, consistent with water right priorities and protections for fish and wildlife. This bill contains other related provisions and other existing laws.</p>
<p>SB 659: California Water Supply Solutions Act of 2023 Groundwater recharge: minimum requirement</p>	<p>2/16/23 Introduced 4/26 Passed com, ref to APPR 5/30 Passed Senate 5/31: Read 1st time in Assembly 6/30 Passed Com on WP&W with author's amendments 7/11 Ref to APPR 7/12 Read 2nd time and amended 8/16 Placed on suspense</p>	<p>Would establish the California Water Supply Solutions Act of 2023 to, among other things, require the Department of Water Resources to develop a groundwater recharge action plan by January 1, 2026, that provides actionable recommendations that result in the ability to create an additional groundwater recharge capacity The bill would require the department to consult with the State Water Resources Control Board, the 9 regional water quality control boards, and the advisory committee, which may be enlarged as provided, in carrying out these provisions. The bill would require the groundwater recharge action plan to identify and make recommendations on immediate opportunities and potential long-term solutions to increase the state's groundwater supply, as specified. The bill would require specified actions with regard to the groundwater recharge action plan, including, among other things, requiring the department to include it as part of the 2028 update to the California Water Plan and to update the groundwater recharge action plan at the same time that they prepare updates to the California Water Plan.</p>

	<p>SB 706: Progressive Design-Build: local agencies</p>	<p>2/16/23: Introduced 4/17 Passed APPR 4/27 Read 3rd time, ordered to Assembly 8/17 Read 2nd time, ordered to Consent 8/24 Passed and ordered to Senate 8/24 Sen amendments pending 8/29 Ordered to Consent Cal</p>	<p>Would, <u>until January 1, 2030</u>, allow counties, cities and special districts to use the progressive design-build (PDB) project delivery method for construction contracts. This bill would remove the 15-project maximum and would authorize all cities, counties, city and counties, or special districts to use the PDB process for other projects in addition to <i>up to 10 public works in excess of \$5,000,000, not limited to water-related projects</i>. The bill would change the required reporting date to no later than December 31, 2028</p>
	<p>SB 737: Groundwater recharge</p>	<p>2/17/23 Introduced 2/22: Ref to RLS 8/30 No change</p>	<p>Would establish that it is the policy of the state to recharge groundwater by a minimum of 10 million acre-feet of water annually. The bill would require the department to promulgate regulations necessary to implement this policy.</p>
	<p>SB 778: Excavations: subsurface installations</p>	<p>2/17/23: Introduced 5/25: Passed Senate 6/28 hearing canceled 7/12 Hearing canceled 8/30 No change in status</p>	<p>CSDA SUMMARY: SB 778 makes a number of technical and functional changes to the “Call Before You Dig” Law. This bill, among other changes, would revise requirements for notifying operators of subsurface installations within a proposed area of excavation, would specify conditions under which an excavator is required to contact the regional notification to request a return trip, and would revise requirements for an excavator to use vacuum equipment. The bill would authorize an operator, under certain circumstances, to choose not to locate and field mark an area to be excavated. The bill would revise the requirements related to subsurface installation operator responses that an excavator must receive before beginning excavation, and the emergency and notification procedures when an excavator discovers or causes damage to a subsurface installation. The bill would revise the meaning of “inaccurate field mark” for purposes of exempting from liability an excavator who damages a subsurface installation due to an inaccurate field mark. <i>(updated 4.17.23)</i></p>
	<p>SB 867: Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, etc. Bond Act of 2023</p>	<p>2/17/23 Introduced 4/27 Ref to APPR 5/31 Passed Senate 7/10 Hearing postponed by NR committee 8/30 No change in status</p>	<p>BCVWD – Support if amended / ACWA – Support if amended / CSDA – Watch <i>This bill would become operative only if SB 638 of the 2023–24 Regular Session is enacted and takes effect on or before January 1, 2024</i> This Bond Act of 2023, which, if approved by the voters, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance projects for drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate smart agriculture, and park creation and outdoor access and clean energy programs.</p>

<u>Committee abbreviations</u>	AGRI: Agriculture	APPR: Appropriations	B&F: Banking and Finance
A&AR: Accountability and Admin Review	B,P&CP: Business, Professions, & Consumer Protection	BUDG: Budget B&FR: Budget and Fiscal Review	E&R: Elections and Reapportionment
BP&E: Business, Professions and Economy	E&CA: Elections and Constitutional Amendment	ES&TM: Environmental Safety and Toxic Materials	J,ED&E: Jobs, Economic Development and Economy
ED: Education	EQ: Environmental Quality	G&F: Governance and Finance	HOUS: Housing
HS: Human Services	JUD: Judiciary	L&E: Labor & Employment	LGOV: Local Government
GO: Governmental Organization	R&T: Revenue and Taxation	RLS: Rules	TRANS: Transportation
E,U&C: Energy, Utilities and Communications	L,PE&R: Labor, Public Employment and Retirement	NR&W: Natural Resources and Water	W,P&W: Water, Parks and Wildlife

End of Report

Item 3a

General Ledger Budget Variance Revenue

User: wclayton
Printed: 8/29/2023 1:10:31 PM
Period 07 - 07
Fiscal Year 2023

Beaumont-Cherry Valley Water District

560 Magnolia Avenue
Beaumont CA 92223
(951) 845-9581
www.bcwvd.org



Account Number	Description	Budget	Period Amt	End Bal	Variance	% Avail/ Uncollect
50	GENERAL					
01-50-510-419051	Grant Revenue	\$ 784,000.00	\$ -	\$ 55,616.26	\$ 728,383.74	92.91%
	Grant Rev	\$ 784,000.00	\$ -	\$ 55,616.26	\$ 728,383.74	92.91%
01-50-510-490001	Interest Income - Bonita Vista	\$ 1,000.00	\$ -	\$ 127.47	\$ 872.53	87.25%
01-50-510-490011	Interest Income - Fairway Cnyn	\$ 252,000.00	\$ -	\$ -	\$ 252,000.00	100.00%
01-50-510-490021	Interest Income - General	\$ 231,000.00	\$ 389,313.00	\$ 1,032,827.28	\$ (801,827.28)	-347.11%
01-50-510-490041	Rlzd Gain/Loss on Investment	\$ -	\$ (1,517.18)	\$ (17,920.17)	\$ 17,920.17	0.00%
01-50-510-490051	Net Amort/Accret on Investment	\$ -	\$ 28,673.24	\$ 217,963.86	\$ (217,963.86)	0.00%
	Interest Income	\$ 484,000.00	\$ 416,469.06	\$ 1,232,998.44	\$ (748,998.44)	-154.75%
01-50-510-481001	Capacity Fees-Wells	\$ 279,000.00	\$ 21,296.00	\$ 279,268.00	\$ (268.00)	-0.10%
01-50-510-481006	Cap Fees-Water Rights (SWP)	\$ 177,000.00	\$ 13,475.00	\$ 176,706.25	\$ 293.75	0.17%
01-50-510-481012	Cap Fees-Water Treatment Plant	\$ 133,000.00	\$ 10,131.00	\$ 132,854.25	\$ 145.75	0.11%
01-50-510-481018	Cap Fees-Local Water Resources	\$ 70,000.00	\$ 5,335.00	\$ 69,961.25	\$ 38.75	0.06%
01-50-510-481024	Cap Fees-Recycled Water	\$ 202,000.00	\$ 15,422.00	\$ 233,103.00	\$ (31,103.00)	-15.40%
01-50-510-481030	Cap Fees-Transmission	\$ 226,000.00	\$ 17,248.00	\$ 226,184.00	\$ (184.00)	-0.08%
01-50-510-481036	Cap Fees-Storage	\$ 289,000.00	\$ 22,088.00	\$ 289,654.00	\$ (654.00)	-0.23%
01-50-510-481042	Cap Fees-Booster	\$ 20,000.00	\$ 1,529.00	\$ 20,050.75	\$ (50.75)	-0.25%
01-50-510-481048	Cap Fees-Pressure Reducing Stn	\$ 11,000.00	\$ 781.00	\$ 10,241.75	\$ 758.25	6.89%
01-50-510-481054	Cap Fees-Miscellaneous Project	\$ 9,000.00	\$ 682.00	\$ 8,943.50	\$ 56.50	0.63%
01-50-510-481060	Cap Fees-Financing Costs	\$ 44,000.00	\$ 3,355.00	\$ 44,038.49	\$ (38.49)	-0.09%
01-50-510-485001	Front Footage Fees	\$ 24,000.00	\$ 19,831.50	\$ 26,570.70	\$ (2,570.70)	-10.71%
	Non-Operating Revenue	\$ 1,484,000.00	\$ 131,173.50	\$ 1,517,575.94	\$ (33,575.94)	-2.26%
01-50-510-410100	Sales	\$ 6,510,500.00	\$ 747,789.47	\$ 2,499,533.72	\$ 4,010,966.28	61.61%
01-50-510-410151	Agricultural Irrigation Sales	\$ 20,000.00	\$ 4,847.00	\$ 13,265.04	\$ 6,734.96	33.67%
01-50-510-410171	Construction Sales	\$ 201,000.00	\$ 3,833.80	\$ 43,137.48	\$ 157,862.52	78.54%
01-50-510-413001	Backflow Administration Charge	\$ 64,000.00	\$ 3,888.87	\$ 35,605.15	\$ 28,394.85	44.37%
01-50-510-413011	Fixed Meter Charges	\$ 4,958,500.00	\$ 437,289.19	\$ 3,015,264.45	\$ 1,943,235.55	39.19%
01-50-510-413021	Meter Fees	\$ 300,000.00	\$ 98,988.00	\$ 332,798.00	\$ (32,798.00)	-10.93%
01-50-510-415001	SGPWA Importation Charges	\$ 4,072,500.00	\$ 444,402.19	\$ 1,674,315.35	\$ 2,398,184.65	58.89%
01-50-510-415011	SCE Power Charges	\$ 2,227,500.00	\$ 259,203.19	\$ 976,652.41	\$ 1,250,847.59	56.15%
01-50-510-417001	2nd Notice Charges	\$ 49,000.00	\$ 6,660.00	\$ 47,210.00	\$ 1,790.00	3.65%
01-50-510-417011	3rd Notice Charges	\$ 63,000.00	\$ 150.00	\$ 57,865.00	\$ 5,135.00	8.15%
01-50-510-417021	Account Reinstatement Fees	\$ 50,000.00	\$ 2,400.00	\$ 23,350.00	\$ 26,650.00	53.30%
01-50-510-417031	Lien Processing Fees	\$ 8,000.00	\$ 510.00	\$ 6,360.00	\$ 1,640.00	20.50%
01-50-510-417041	Credit Check Processing Fees	\$ 23,000.00	\$ 1,050.00	\$ 10,000.00	\$ 13,000.00	56.52%
01-50-510-417051	Return Check Fees	\$ 5,000.00	\$ 550.00	\$ 3,200.00	\$ 1,800.00	36.00%
01-50-510-417061	Customer Damage/Upgrade Charge	\$ 22,000.00	\$ 20.00	\$ 65,241.00	\$ (43,241.00)	-196.55%
01-50-510-417071	After-Hours Call Out Charges	\$ 4,000.00	\$ 400.00	\$ 2,000.00	\$ 2,000.00	50.00%
01-50-510-417081	Bench Test Fees (Credits)	\$ -	\$ -	\$ 300.00	\$ (300.00)	0.00%
01-50-510-417091	Credit Card Processing Fees	\$ 93,000.00	\$ 6,998.30	\$ 66,975.64	\$ 26,024.36	27.98%
01-50-510-419001	Rebates and Reimbursements	\$ -	\$ -	\$ -	\$ -	0.00%
01-50-510-419011	Development Income	\$ 226,000.00	\$ 16,929.31	\$ 128,853.86	\$ 97,146.14	42.99%
01-50-510-419012	Development Income - GIS	\$ 308,000.00	\$ -	\$ -	\$ 308,000.00	100.00%
01-50-510-419031	Well Maintenance Reimbursement	\$ 85,000.00	\$ 29,770.76	\$ 130,412.55	\$ (45,412.55)	-53.43%
01-50-510-419061	Miscellaneous Income	\$ 1,000.00	\$ 1,187.38	\$ 2,801.59	\$ (1,801.59)	-180.16%
	Operating Revenue	\$ 19,291,000.00	\$ 2,066,867.46	\$ 9,135,141.24	\$ 10,155,858.76	52.65%
01-50-510-471001	Maint Fees - 12303 Oak Glen Rd	\$ 10,000.00	\$ -	\$ 2,599.36	\$ 7,400.64	74.01%
01-50-510-471011	Maint Fees - 13695 Oak Glen Rd	\$ 7,000.00	\$ 566.52	\$ 3,920.48	\$ 3,079.52	43.99%
01-50-510-471021	Maint Fees - 13697 Oak Glen Rd	\$ 8,000.00	\$ 632.62	\$ 4,381.24	\$ 3,618.76	45.23%
01-50-510-471031	Maint Fees - 9781 AveMiravilla	\$ 6,000.00	\$ 525.22	\$ 3,632.58	\$ 2,367.42	39.46%
01-50-510-471101	Utilities - 12303 Oak Glen Rd	\$ 5,000.00	\$ -	\$ 1,038.17	\$ 3,961.83	79.24%
01-50-510-471111	Utilities - 13695 Oak Glen Rd	\$ 5,000.00	\$ 241.03	\$ 2,848.15	\$ 2,151.85	43.04%
01-50-510-471121	Utilities - 13697 Oak Glen Rd	\$ 5,000.00	\$ 379.23	\$ 3,777.60	\$ 1,222.40	24.45%
01-50-510-471131	Utilities - 9781 Ave Miravilla	\$ 4,000.00	\$ 441.61	\$ 2,453.49	\$ 1,546.51	38.66%
	Rent/Utilities	\$ 50,000.00	\$ 2,786.23	\$ 24,651.07	\$ 25,348.93	50.70%
Revenue Total		\$ 22,093,000.00	\$ 2,617,296.25	\$ 11,965,982.95	\$ 10,127,017.05	45.84%

General Ledger
Budget Variance Expense

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Period 07 - 07
Fiscal Year 2023

Account Number	Description	Budget	Period Amt	End Bal	Variance	Encumbered	% Avail/ Uncollect
10	BOARD OF DIRECTORS						
01-10-110-500101	Board of Directors Fees	\$ 95,500.00	\$ 6,555.00	\$ 43,710.00	\$ 51,790.00	\$ -	54.23%
01-10-110-500115	Social Security	\$ 6,000.00	\$ 406.41	\$ 2,710.02	\$ 3,289.98	\$ -	54.83%
01-10-110-500120	Medicare	\$ 1,500.00	\$ 95.06	\$ 633.84	\$ 866.16	\$ -	57.74%
01-10-110-500125	Health Insurance	\$ 75,500.00	\$ 3,881.61	\$ 27,171.27	\$ 48,328.73	\$ -	64.01%
01-10-110-500140	Life Insurance	\$ 2,000.00	\$ 9.71	\$ 65.99	\$ 1,934.01	\$ -	96.70%
01-10-110-500143	EAP Program	\$ 500.00	\$ 9.30	\$ 65.10	\$ 434.90	\$ -	86.98%
01-10-110-500145	Workers' Compensation	\$ 1,000.00	\$ 41.40	\$ 271.32	\$ 728.68	\$ -	72.87%
01-10-110-500175	Training/Education/Mtgs/Travel	\$ 26,500.00	\$ 126.84	\$ 10,987.03	\$ 15,512.97	\$ -	58.54%
	Board of Directors Personnel	\$ 208,500.00	\$ 11,125.33	\$ 85,614.57	\$ 122,885.43	\$ -	58.94%
01-10-110-550043	Supplies-Other	\$ 1,000.00	\$ 18.76	\$ 84.16	\$ 915.84	\$ -	91.58%
	Board of Directors Materials & Supplies	\$ 1,000.00	\$ 18.76	\$ 84.16	\$ 915.84	\$ -	91.58%
01-10-110-550012	Election Expenses	\$ 87,000.00	\$ -	\$ 3,638.90	\$ 83,361.10	\$ -	95.82%
01-10-110-550051	Advertising/Legal Notices	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ -	100.00%
	Board of Directors Services	\$ 89,500.00	\$ -	\$ 3,638.90	\$ 85,861.10	\$ -	95.93%
Expense Total	BOARD OF DIRECTORS	\$ 299,000.00	\$ 11,144.09	\$ 89,337.63	\$ 209,662.37	\$ -	70.12%
20	ENGINEERING						
01-20-210-500105	Labor	\$ 576,050.00	\$ 35,818.84	\$ 214,831.93	\$ 361,218.07	\$ -	62.71%
01-20-210-500114	Incentive Pay	\$ 6,000.00	\$ -	\$ -	\$ 6,000.00	\$ -	100.00%
01-20-210-500115	Social Security	\$ 43,000.00	\$ 2,271.30	\$ 14,160.79	\$ 28,839.21	\$ -	67.07%
01-20-210-500120	Medicare	\$ 10,500.00	\$ 531.17	\$ 3,305.40	\$ 7,194.60	\$ -	68.52%
01-20-210-500125	Health Insurance	\$ 101,000.00	\$ 5,326.88	\$ 38,725.36	\$ 62,274.64	\$ -	61.66%
01-20-210-500140	Life Insurance	\$ 1,000.00	\$ 55.85	\$ 337.39	\$ 662.61	\$ -	66.26%
01-20-210-500143	EAP Program	\$ 500.00	\$ 11.00	\$ 62.21	\$ 437.79	\$ -	87.56%
01-20-210-500145	Workers' Compensation	\$ 5,500.00	\$ 282.65	\$ 1,714.65	\$ 3,785.35	\$ -	68.82%
01-20-210-500150	Unemployment Insurance	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00	\$ -	100.00%
01-20-210-500155	Retirement/CalPERS	\$ 80,500.00	\$ 3,433.52	\$ 29,346.58	\$ 51,153.42	\$ -	63.54%
01-20-210-500165	Uniforms and Employee Benefits	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
01-20-210-500175	Training/Education/Mtgs/Travel	\$ 8,000.00	\$ -	\$ 665.00	\$ 7,335.00	\$ -	91.69%
01-20-210-500180	Accrued Sick Leave Expense	\$ 31,000.00	\$ -	\$ 3,599.18	\$ 27,400.82	\$ -	88.39%
01-20-210-500185	Accrued Vacation Leave Expense	\$ 28,500.00	\$ 796.30	\$ 5,308.34	\$ 23,191.66	\$ -	81.37%
01-20-210-500187	Accrued Leave Payments	\$ 42,000.00	\$ -	\$ 5,734.03	\$ 36,265.97	\$ -	86.35%
01-20-210-500195	CIP Related Labor	\$ (225,000.00)	\$ (687.90)	\$ (19,226.82)	\$ (205,773.18)	\$ -	91.45%
	Engineering Personnel	\$ 717,550.00	\$ 47,839.61	\$ 298,564.04	\$ 418,985.96	\$ -	58.39%
01-20-210-540048	Permits, Fees & Licensing	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	\$ -	100.00%
01-20-210-550029	Administrative Expenses	\$ 5,000.00	\$ -	\$ 4,443.40	\$ 556.60	\$ -	11.13%
01-20-210-550046	Office Equipment	\$ 6,000.00	\$ -	\$ 357.79	\$ 5,642.21	\$ -	94.04%
	Engineering Materials & Supplies	\$ 14,000.00	\$ -	\$ 4,801.19	\$ 9,198.81	\$ -	65.71%
01-20-210-500190	Temporary Labor	\$ 5,950.00	\$ -	\$ 5,903.65	\$ 46.35	\$ -	0.78%
01-20-210-540014	Development Reimbursable GIS	\$ 50,000.00	\$ -	\$ 13,860.00	\$ 36,140.00	\$ -	72.28%
01-20-210-550030	Membership Dues	\$ 2,000.00	\$ -	\$ 310.00	\$ 1,690.00	\$ -	84.50%
01-20-210-550051	Advertising/Legal Notices	\$ 5,000.00	\$ -	\$ 1,008.22	\$ 3,991.78	\$ -	79.84%
01-20-210-580031	Outside Engineering	\$ 60,000.00	\$ 12,764.17	\$ 44,247.53	\$ 15,752.47	\$ -	26.25%
01-20-210-580032	CIP Related Outside Engineering	\$ (42,000.00)	\$ -	\$ -	\$ (42,000.00)	\$ -	100.00%
	Engineering Services	\$ 80,950.00	\$ 12,764.17	\$ 65,329.40	\$ 15,620.60	\$ -	19.30%
Expense Total	ENGINEERING	\$ 812,500.00	\$ 60,603.78	\$ 368,694.63	\$ 443,805.37	\$ -	54.62%
30	FINANCE & ADMIN SERVICES						
01-30-310-500105	Labor	\$ 1,353,500.00	\$ 94,035.84	\$ 656,883.10	\$ 696,616.90	\$ -	51.47%
01-30-310-500109	FLSA Overtime	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
01-30-310-500110	Overtime	\$ 11,000.00	\$ 912.63	\$ 6,174.62	\$ 4,825.38	\$ -	43.87%
01-30-310-500111	Double Time	\$ 2,500.00	\$ 63.70	\$ 893.68	\$ 1,606.32	\$ -	64.25%
01-30-310-500114	Incentive Pay	\$ 17,500.00	\$ 50.00	\$ 200.00	\$ 17,300.00	\$ -	98.86%
01-30-310-500115	Social Security	\$ 102,500.00	\$ 6,407.07	\$ 45,053.49	\$ 57,446.51	\$ -	56.05%
01-30-310-500120	Medicare	\$ 24,000.00	\$ 1,498.42	\$ 10,536.67	\$ 13,463.33	\$ -	56.10%
01-30-310-500125	Health Insurance	\$ 333,000.00	\$ 21,375.87	\$ 145,318.73	\$ 187,681.27	\$ -	56.36%
01-30-310-500130	CalPERS Health Admin Costs	\$ 3,000.00	\$ 237.75	\$ 1,664.02	\$ 1,335.98	\$ -	44.53%
01-30-310-500140	Life Insurance	\$ 2,500.00	\$ 158.10	\$ 1,173.25	\$ 1,326.75	\$ -	53.07%
01-30-310-500143	EAP Program	\$ 1,000.00	\$ 24.18	\$ 177.32	\$ 822.68	\$ -	82.27%
01-30-310-500145	Workers' Compensation	\$ 11,000.00	\$ 651.81	\$ 4,643.79	\$ 6,356.21	\$ -	57.78%
01-30-310-500150	Unemployment Insurance	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	\$ -	100.00%
01-30-310-500155	Retirement/CalPERS	\$ 255,500.00	\$ 18,594.26	\$ 131,490.25	\$ 124,009.75	\$ -	48.54%
01-30-310-500161	Estimated Current Year OPEB	\$ 215,000.00	\$ -	\$ -	\$ 215,000.00	\$ -	100.00%

Account Number	Description	Budget	Period Amt	End Bal	Variance	Encumbered	% Avail/ Uncollect
01-30-310-500165	Uniforms & Employee Benefits	\$ 1,000.00	\$ 536.60	\$ 536.60	\$ 463.40	\$ -	46.34%
01-30-310-500175	Training/Education/Mtgs/Travel	\$ 40,500.00	\$ 2,768.49	\$ 15,183.65	\$ 25,316.35	\$ -	62.51%
01-30-310-500180	Accrued Sick Leave Expense	\$ 71,500.00	\$ 2,121.56	\$ 16,222.75	\$ 55,277.25	\$ -	77.31%
01-30-310-500185	Accrued Vacation Leave Expense	\$ 106,500.00	\$ 2,073.40	\$ 25,145.11	\$ 81,354.89	\$ -	76.39%
01-30-310-500187	Accrued Leave Payments	\$ 111,500.00	\$ 5,970.54	\$ 29,451.40	\$ 82,048.60	\$ -	73.59%
01-30-310-500195	CIP Related Labor	\$ (16,000.00)	\$ -	\$ -	\$ (16,000.00)	\$ -	100.00%
01-30-310-560000	GASB 68 Pension Expense	\$ 222,000.00	\$ -	\$ -	\$ 222,000.00	\$ -	100.00%
01-30-320-500105	Labor	\$ 64,500.00	\$ -	\$ 17,975.55	\$ 46,524.45	\$ -	72.13%
01-30-320-500114	Incentive Pay	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
01-30-320-500115	Social Security	\$ 5,300.00	\$ -	\$ 1,564.07	\$ 3,735.93	\$ -	70.49%
01-30-320-500120	Medicare	\$ 1,500.00	\$ -	\$ 365.80	\$ 1,134.20	\$ -	75.61%
01-30-320-500125	Health Insurance	\$ 19,000.00	\$ -	\$ 5,903.28	\$ 13,096.72	\$ -	68.93%
01-30-320-500140	Life Insurance	\$ 500.00	\$ -	\$ 32.73	\$ 467.27	\$ -	93.45%
01-30-320-500143	EAP Program	\$ 500.00	\$ -	\$ 5.58	\$ 494.42	\$ -	98.88%
01-30-320-500145	Workers' Compensation	\$ 1,000.00	\$ -	\$ 122.21	\$ 877.79	\$ -	87.78%
01-30-320-500150	Unemployment Insurance	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ -	100.00%
01-30-320-500155	Retirement/CalPERS	\$ 7,800.00	\$ -	\$ 3,126.92	\$ 4,673.08	\$ -	59.91%
01-30-320-500165	Uniforms and Employee Benefits	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ -	100.00%
01-30-320-500175	Training/Education/Mtgs/Travel	\$ 5,500.00	\$ -	\$ 2,937.27	\$ 2,562.73	\$ -	46.60%
01-30-320-500176	Dist Professional Development	\$ 20,000.00	\$ -	\$ 81.00	\$ 19,919.00	\$ -	99.60%
01-30-320-500177	General Safety Trng & Supplies	\$ 32,000.00	\$ 500.00	\$ 10,400.37	\$ 21,599.63	\$ -	67.50%
01-30-320-500180	Accrued Sick Leave Expense	\$ 3,500.00	\$ -	\$ 263.70	\$ 3,236.30	\$ -	92.47%
01-30-320-500185	Accrued Vacation Leave Expense	\$ 4,000.00	\$ -	\$ 1,098.75	\$ 2,901.25	\$ -	72.53%
01-30-320-500187	Accrued Leave Payments	\$ -	\$ -	\$ 5,878.75	\$ (5,878.75)	\$ -	0.00%
01-30-320-550024	Employment Testing	\$ 6,000.00	\$ 26.04	\$ 748.35	\$ 5,251.65	\$ -	87.53%
	Finance & Admin Services Personnel	\$ 3,062,800.00	\$ 158,006.26	\$ 1,141,252.76	\$ 1,921,547.24	\$ -	62.74%
01-30-310-550006	Cashiering Shortages/Overages	\$ 100.00	\$ 0.39	\$ 5.34	\$ 94.66	\$ -	94.66%
01-30-310-550042	Office Supplies	\$ 12,000.00	\$ 753.41	\$ 6,157.55	\$ 5,842.45	\$ -	48.69%
01-30-310-550046	Office Equipment	\$ 5,500.00	\$ 40.32	\$ 40.32	\$ 5,459.68	\$ -	99.27%
01-30-310-550048	Postage	\$ 57,000.00	\$ 253.81	\$ 7,250.40	\$ 49,749.60	\$ -	87.28%
01-30-310-550072	Miscellaneous Operating Exp	\$ 500.00	\$ -	\$ 200.00	\$ 300.00	\$ -	60.00%
01-30-310-550078	Bad Debt Expense	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00	\$ -	100.00%
01-30-310-550084	Depreciation	\$ 3,025,000.00	\$ 277,714.31	\$ 1,945,708.71	\$ 1,079,291.29	\$ -	35.68%
01-30-320-550028	District Certification	\$ 6,000.00	\$ -	\$ 3,495.00	\$ 2,505.00	\$ -	41.75%
01-30-320-550042	Office Supplies	\$ 3,000.00	\$ -	\$ 470.32	\$ 2,529.68	\$ -	84.32%
	Finance & Admin Services Materials & Supplies	\$ 3,134,100.00	\$ 278,762.24	\$ 1,963,327.64	\$ 1,170,772.36	\$ -	37.36%
01-30-310-500190	Temporary Labor	\$ 17,000.00	\$ -	\$ 1,386.18	\$ 15,613.82	\$ -	91.85%
01-30-310-550001	Bank/Financial Service Fees	\$ 12,000.00	\$ 206.77	\$ 1,318.12	\$ 10,681.88	\$ -	89.02%
01-30-310-550008	Transaction/Return Fees	\$ 3,000.00	\$ 67.00	\$ 642.73	\$ 2,357.27	\$ -	78.58%
01-30-310-550010	Transaction/Credit Card Fees	\$ 101,700.00	\$ 9,511.89	\$ 80,307.70	\$ 21,392.30	\$ -	21.03%
01-30-310-550014	Credit Check Fees	\$ 7,500.00	\$ 346.72	\$ 3,196.64	\$ 4,303.36	\$ -	57.38%
01-30-310-550030	Membership Dues	\$ 42,000.00	\$ 1,936.67	\$ 29,407.44	\$ 12,592.56	\$ -	29.98%
01-30-310-550036	Notary and Lien Fees	\$ 3,000.00	\$ 240.00	\$ 1,175.00	\$ 1,825.00	\$ -	60.83%
01-30-310-550050	Utility Billing Service	\$ 90,000.00	\$ 6,463.55	\$ 48,179.26	\$ 41,820.74	\$ -	46.47%
01-30-310-550051	Advertising/Legal Notices	\$ 3,500.00	\$ 723.83	\$ -	\$ 3,500.00	\$ -	100.00%
01-30-310-550054	Property, Auto, General Ins	\$ 175,000.00	\$ 23,758.08	\$ 111,742.38	\$ 63,257.62	\$ -	36.15%
01-30-310-550061	Media Outreach	\$ 25,500.00	\$ -	\$ -	\$ 25,500.00	\$ -	100.00%
01-30-310-580001	Accounting and Audit	\$ 47,300.00	\$ -	\$ 45,115.00	\$ 2,185.00	\$ -	4.62%
01-30-310-580011	General Legal	\$ 99,500.00	\$ 6,286.52	\$ 33,491.52	\$ 66,008.48	\$ -	66.34%
01-30-310-580036	Other Professional Services	\$ 195,455.00	\$ 39,168.75	\$ 160,750.00	\$ 34,705.00	\$ -	17.76%
01-30-320-500190	Temporary Labor	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00	\$ -	100.00%
01-30-320-550025	Employee Retention	\$ 5,500.00	\$ -	\$ 341.79	\$ 5,158.21	\$ -	93.79%
01-30-320-550026	Recruitment Expense	\$ 11,000.00	\$ -	\$ 505.00	\$ 10,495.00	\$ -	95.41%
01-30-320-550030	Membership Dues	\$ 2,500.00	\$ -	\$ 1,739.00	\$ 761.00	\$ -	30.44%
01-30-320-550051	Advertising/Legal Notices	\$ 4,000.00	\$ -	\$ 234.06	\$ 3,765.94	\$ -	94.15%
01-30-320-580036	Other Professional Services	\$ 69,400.00	\$ -	\$ 2,135.00	\$ 67,265.00	\$ -	96.92%
	Finance & Admin Services Services	\$ 919,855.00	\$ 88,709.78	\$ 521,666.82	\$ 398,188.18	\$ -	43.29%
Expense Total	FINANCE & ADMIN SERVICES	\$ 7,116,755.00	\$ 525,478.28	\$ 3,626,247.22	\$ 3,490,507.78	\$ -	49.05%
35	INFORMATION TECHNOLOGY						
01-35-315-500105	Labor	\$ 163,000.00	\$ 12,387.20	\$ 86,710.40	\$ 76,289.60	\$ -	46.80%
01-35-315-500114	Incentive Pay	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ -	100.00%
01-35-315-500115	Social Security	\$ 13,000.00	\$ 768.64	\$ 6,247.97	\$ 6,752.03	\$ -	51.94%
01-35-315-500120	Medicare	\$ 3,500.00	\$ 179.76	\$ 1,461.21	\$ 2,038.79	\$ -	58.25%
01-35-315-500125	Health Insurance	\$ 25,500.00	\$ 1,919.55	\$ 13,436.85	\$ 12,063.15	\$ -	47.31%
01-35-315-500140	Life Insurance	\$ 500.00	\$ 20.09	\$ 136.67	\$ 363.33	\$ -	72.67%
01-35-315-500143	EAP Program	\$ 500.00	\$ 1.86	\$ 13.02	\$ 486.98	\$ -	97.40%
01-35-315-500145	Workers' Compensation	\$ 1,500.00	\$ 78.28	\$ 547.96	\$ 952.04	\$ -	63.47%
01-35-315-500150	Unemployment Insurance	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ -	100.00%
01-35-315-500155	Retirement/CalPERS	\$ 20,000.00	\$ 1,050.44	\$ 10,013.94	\$ 9,986.06	\$ -	49.93%
01-35-315-500175	Training/Education/Mtgs/Travel	\$ 5,000.00	\$ -	\$ 1,290.01	\$ 3,709.99	\$ -	74.20%
01-35-315-500180	Accrued Sick Leave Expense	\$ 9,500.00	\$ -	\$ -	\$ 9,500.00	\$ -	100.00%
01-35-315-500185	Accrued Vacation Leave Expense	\$ 18,000.00	\$ -	\$ -	\$ 18,000.00	\$ -	100.00%
01-35-315-500187	Accrued Leave Payments	\$ 18,500.00	\$ -	\$ 13,992.12	\$ 4,507.88	\$ -	24.37%

Account Number	Description	Budget	Period Amt	End Bal	Variance	Encumbered	% Avail/ Uncollect
01-35-315-500195	CIP Related Labor	\$ (33,000.00)	\$ -	\$ -	\$ (33,000.00)	\$ -	100.00%
	Information Technology Personnel	\$ 249,500.00	\$ 16,405.82	\$ 133,850.15	\$ 115,649.85	\$ -	46.35%
01-35-315-550044	Printing/Toner and Maintenance	\$ 28,000.00	\$ 2,819.19	\$ 12,404.90	\$ 15,595.10	\$ -	55.70%
01-35-315-580016	Computer Hardware	\$ 30,000.00	\$ 794.77	\$ 9,450.54	\$ 20,549.46	\$ -	68.50%
01-35-315-580028	Cybersecurity Soft/Hardware	\$ 50,000.00	\$ 4,310.00	\$ 21,550.00	\$ 28,450.00	\$ -	56.90%
01-35-315-580030	Repair/Purchase Radio Comm Eq	\$ 10,000.00	\$ -	\$ 9,919.83	\$ 80.17	\$ -	0.80%
	Information Technology Materials & Supplies	\$ 118,000.00	\$ 7,923.96	\$ 53,325.27	\$ 64,674.73	\$ -	54.81%
01-35-315-501511	Telephone/Internet Service	\$ 63,000.00	\$ 6,650.39	\$ 42,535.04	\$ 20,464.96	\$ -	32.48%
01-35-315-501521	Building Alarms and Security	\$ 27,500.00	\$ 952.50	\$ 8,471.18	\$ 19,028.82	\$ -	69.20%
01-35-315-540014	GIS Maintenance and Updates	\$ 10,000.00	\$ -	\$ 1,440.00	\$ 8,560.00	\$ -	85.60%
01-35-315-550030	Membership Dues	\$ 3,000.00	\$ -	\$ 1,484.88	\$ 1,515.12	\$ -	50.50%
01-35-315-550058	Cyber Security Liability Ins	\$ 7,000.00	\$ 5,311.00	\$ 5,311.00	\$ 1,689.00	\$ -	24.13%
01-35-315-580021	IT/Software Support	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	\$ -	100.00%
01-35-315-580026	License/Maintenance/Support	\$ 250,000.00	\$ 12,657.74	\$ 127,054.34	\$ 122,945.66	\$ -	49.18%
01-35-315-580027	AMR/AMI Annual Support	\$ 163,000.00	\$ -	\$ -	\$ 163,000.00	\$ -	100.00%
	Information Technology Services	\$ 531,500.00	\$ 25,571.63	\$ 186,296.44	\$ 345,203.56	\$ -	64.95%
Expense Total	INFORMATION TECHNOLOGY	\$ 899,000.00	\$ 49,901.41	\$ 373,471.86	\$ 525,528.14	\$ -	58.46%
40	OPERATIONS						
410	Source of Supply Personnel						
01-40-410-500105	Labor	\$ 509,000.00	\$ 23,006.14	\$ 189,896.53	\$ 319,103.47	\$ -	62.69%
01-40-410-500109	FLSA Overtime	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
01-40-410-500110	Overtime	\$ 7,500.00	\$ 280.72	\$ 1,482.30	\$ 6,017.70	\$ -	80.24%
01-40-410-500111	Double Time	\$ 3,500.00	\$ -	\$ -	\$ 3,500.00	\$ -	100.00%
01-40-410-500113	Standby/On-Call	\$ 16,000.00	\$ 1,000.00	\$ 7,680.00	\$ 8,320.00	\$ -	52.00%
01-40-410-500114	Incentive Pay	\$ 7,500.00	\$ 150.00	\$ 1,000.00	\$ 6,500.00	\$ -	86.67%
01-40-410-500115	Social Security	\$ 38,500.00	\$ 1,950.82	\$ 14,443.55	\$ 24,056.45	\$ -	62.48%
01-40-410-500120	Medicare	\$ 9,500.00	\$ 456.25	\$ 3,377.97	\$ 6,122.03	\$ -	64.44%
01-40-410-500125	Health Insurance	\$ 138,500.00	\$ 7,862.73	\$ 60,582.19	\$ 77,917.81	\$ -	56.26%
01-40-410-500140	Life Insurance	\$ 1,000.00	\$ 45.87	\$ 330.30	\$ 669.70	\$ -	66.97%
01-40-410-500143	EAP Program	\$ 500.00	\$ 7.54	\$ 56.42	\$ 443.58	\$ -	88.72%
01-40-410-500145	Workers' Compensation	\$ 21,500.00	\$ 986.21	\$ 7,509.42	\$ 13,990.58	\$ -	65.07%
01-40-410-500150	Unemployment Insurance	\$ 31,500.00	\$ -	\$ -	\$ 31,500.00	\$ -	100.00%
01-40-410-500155	Retirement/CalPERS	\$ 113,500.00	\$ 9,936.42	\$ 55,697.82	\$ 57,802.18	\$ -	50.93%
01-40-410-500165	Uniforms and Employee Benefits	\$ 5,000.00	\$ 196.71	\$ 1,877.86	\$ 3,122.14	\$ -	62.44%
01-40-410-500175	Training/Education/Mtgs/Travel	\$ 6,000.00	\$ -	\$ 104.00	\$ 5,896.00	\$ -	98.27%
01-40-410-500180	Accrued Sick Leave Expense	\$ 24,500.00	\$ 109.58	\$ 7,110.68	\$ 17,389.32	\$ -	70.98%
01-40-410-500185	Accrued Vacation Leave Expense	\$ 37,500.00	\$ 5,287.32	\$ 16,022.21	\$ 21,477.79	\$ -	57.27%
01-40-410-500187	Accrued Leave Payments	\$ 16,500.00	\$ 1,551.20	\$ 5,521.70	\$ 10,978.30	\$ -	66.54%
01-40-410-500195	CIP Related Labor	\$ (20,000.00)	\$ -	\$ -	\$ (20,000.00)	\$ -	100.00%
440	Transmission & Distribution Personnel						
01-40-440-500105	Labor	\$ 1,250,000.00	\$ 74,256.92	\$ 488,818.28	\$ 761,181.72	\$ -	60.89%
01-40-440-500109	FLSA Overtime	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	\$ -	100.00%
01-40-440-500110	Overtime	\$ 70,500.00	\$ 3,131.16	\$ 22,869.70	\$ 47,630.30	\$ -	67.56%
01-40-440-500111	Double Time	\$ 34,500.00	\$ 2,519.80	\$ 13,926.51	\$ 20,573.49	\$ -	59.63%
01-40-440-500113	Standby/On-Call	\$ 26,500.00	\$ 2,080.00	\$ 13,750.00	\$ 12,750.00	\$ -	48.11%
01-40-440-500114	Incentive Pay	\$ 16,000.00	\$ -	\$ -	\$ 16,000.00	\$ -	100.00%
01-40-440-500115	Social Security	\$ 98,000.00	\$ 5,577.57	\$ 38,022.35	\$ 59,977.65	\$ -	61.20%
01-40-440-500120	Medicare	\$ 23,000.00	\$ 1,304.46	\$ 8,861.57	\$ 14,138.43	\$ -	61.47%
01-40-440-500125	Health Insurance	\$ 346,000.00	\$ 18,585.03	\$ 114,843.37	\$ 231,156.63	\$ -	66.81%
01-40-440-500140	Life Insurance	\$ 2,500.00	\$ 140.97	\$ 900.21	\$ 1,599.79	\$ -	63.99%
01-40-440-500143	EAP Program	\$ 1,000.00	\$ 27.74	\$ 190.43	\$ 809.57	\$ -	80.96%
01-40-440-500145	Workers' Compensation	\$ 42,500.00	\$ 2,513.87	\$ 16,045.40	\$ 26,454.60	\$ -	62.25%
01-40-440-500155	Retirement/CalPERS	\$ 237,500.00	\$ 14,696.54	\$ 104,295.10	\$ 133,204.90	\$ -	56.09%
01-40-440-500165	Uniforms and Employee Benefits	\$ 16,000.00	\$ 200.00	\$ 5,000.59	\$ 10,999.41	\$ -	68.75%
01-40-440-500175	Training/Education/Mtgs/Travel	\$ 5,000.00	\$ 438.00	\$ 3,945.42	\$ 1,054.58	\$ -	21.09%
01-40-440-500180	Accrued Sick Leave Expense	\$ 58,500.00	\$ 1,417.46	\$ 13,763.60	\$ 44,736.40	\$ -	76.47%
01-40-440-500185	Accrued Vacation Leave Expense	\$ 76,000.00	\$ 3,736.64	\$ 35,198.12	\$ 40,801.88	\$ -	53.69%
01-40-440-500187	Accrued Leave Payments	\$ 71,000.00	\$ 2,595.51	\$ 23,470.74	\$ 47,529.26	\$ -	66.94%
01-40-440-500195	CIP Related Labor	\$ (40,000.00)	\$ -	\$ (4,281.79)	\$ (35,718.21)	\$ -	89.30%
450	Inspections Personnel						
01-40-450-500105	Labor	\$ 38,000.00	\$ 4,318.59	\$ 24,891.12	\$ 13,108.88	\$ -	34.50%
01-40-460-500109	FLSA Overtime	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
01-40-450-500110	Overtime	\$ 10,500.00	\$ 1,832.89	\$ 8,023.28	\$ 2,476.72	\$ -	23.59%
01-40-450-500111	Double Time	\$ 2,500.00	\$ -	\$ 1,162.94	\$ 1,337.06	\$ -	53.48%
01-40-450-500113	Standby/On-Call	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	\$ -	100.00%
01-40-450-500115	Social Security	\$ 3,000.00	\$ 381.81	\$ 2,118.27	\$ 881.73	\$ -	29.39%
01-40-450-500120	Medicare	\$ 1,000.00	\$ 89.28	\$ 495.39	\$ 504.61	\$ -	50.46%
01-40-450-500125	Health Insurance	\$ 13,000.00	\$ 1,630.07	\$ 8,324.21	\$ 4,675.79	\$ -	35.97%
01-40-450-500140	Life Insurance	\$ 500.00	\$ 8.03	\$ 41.88	\$ 458.12	\$ -	91.62%
01-40-450-500143	EAP Program	\$ 500.00	\$ 1.62	\$ 9.23	\$ 490.77	\$ -	98.15%
01-40-450-500145	Workers' Compensation	\$ 2,000.00	\$ 193.12	\$ 1,009.11	\$ 990.89	\$ -	49.54%
01-40-450-500155	Retirement/CalPERS	\$ 10,500.00	\$ 610.07	\$ 5,345.50	\$ 5,154.50	\$ -	49.09%
460	Customer Svc & Meter Reading Personnel						
01-40-460-500105	Labor	\$ 220,000.00	\$ 13,109.91	\$ 104,268.01	\$ 115,731.99	\$ -	52.61%

Account Number	Description	Budget	Period Amt	End Bal	Variance	Encumbered	% Avail/ Uncollect
01-40-460-500110	Overtime	\$ 20,500.00	\$ 538.15	\$ 2,488.49	\$ 18,011.51	\$ -	87.86%
01-40-460-500111	Double Time	\$ 5,000.00	\$ -	\$ 2,558.16	\$ 2,441.84	\$ -	48.84%
01-40-460-500113	Standby/On-Call	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	\$ -	100.00%
01-40-460-500114	Incentive Pay	\$ 4,000.00	\$ 50.00	\$ 200.00	\$ 3,800.00	\$ -	95.00%
01-40-460-500115	Social Security	\$ 18,500.00	\$ 1,079.72	\$ 7,939.69	\$ 10,560.31	\$ -	57.08%
01-40-460-500120	Medicare	\$ 4,500.00	\$ 252.52	\$ 1,888.02	\$ 2,611.98	\$ -	58.04%
01-40-460-500125	Health Insurance	\$ 75,500.00	\$ 5,489.75	\$ 38,623.14	\$ 36,876.86	\$ -	48.84%
01-40-460-500140	Life Insurance	\$ 500.00	\$ 22.91	\$ 193.42	\$ 306.58	\$ -	61.32%
01-40-460-500143	EAP Program	\$ 500.00	\$ 5.00	\$ 43.45	\$ 456.55	\$ -	91.31%
01-40-460-500145	Workers' Compensation	\$ 9,500.00	\$ 568.56	\$ 4,198.12	\$ 5,301.88	\$ -	55.81%
01-40-460-500155	Retirement/CalPERS	\$ 68,000.00	\$ 4,916.06	\$ 33,278.72	\$ 34,721.28	\$ -	51.06%
01-40-460-500165	Uniforms and Employee Benefits	\$ 3,000.00	\$ 474.10	\$ 2,115.80	\$ 884.20	\$ -	29.47%
01-40-460-500175	Training/Education/Mtgs/Travel	\$ 1,000.00	\$ -	\$ 145.00	\$ 855.00	\$ -	85.50%
01-40-460-500180	Accrued Sick Leave Expense	\$ 10,500.00	\$ 378.40	\$ 4,214.09	\$ 6,285.91	\$ -	59.87%
01-40-460-500185	Accrued Vacation Leave Expense	\$ 20,000.00	\$ 3,312.30	\$ 13,546.17	\$ 6,453.83	\$ -	32.27%
01-40-460-500187	Accrued Leave Payments	\$ 14,000.00	\$ -	\$ 2,763.20	\$ 11,236.80	\$ -	80.26%
01-40-460-500195	CIP Related Labor	\$ (41,000.00)	\$ (795.00)	\$ (10,210.10)	\$ (30,789.90)	\$ -	75.10%
470	Maintenance & General Plant Personnel						
01-40-470-500105	Labor	\$ 109,500.00	\$ 8,682.23	\$ 70,030.49	\$ 39,469.51	\$ -	36.05%
01-40-470-500109	FLSA Overtime	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
01-40-470-500110	Overtime	\$ 6,500.00	\$ -	\$ 326.63	\$ 6,173.37	\$ -	94.97%
01-40-470-500111	Double Time	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	\$ -	100.00%
01-40-470-500113	Standby/On-Call	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	\$ -	100.00%
01-40-470-500114	Incentive Pay	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ -	100.00%
01-40-470-500115	Social Security	\$ 8,000.00	\$ 562.29	\$ 4,577.98	\$ 3,422.02	\$ -	42.78%
01-40-470-500120	Medicare	\$ 2,000.00	\$ 131.51	\$ 1,070.66	\$ 929.34	\$ -	46.47%
01-40-470-500125	Health Insurance	\$ 38,000.00	\$ 2,758.07	\$ 18,986.29	\$ 19,013.71	\$ -	50.04%
01-40-470-500140	Life Insurance	\$ 500.00	\$ 20.12	\$ 119.66	\$ 380.34	\$ -	76.07%
01-40-470-500143	EAP Program	\$ 500.00	\$ 4.76	\$ 30.10	\$ 469.90	\$ -	93.98%
01-40-470-500145	Workers' Compensation	\$ 5,000.00	\$ 301.89	\$ 2,442.55	\$ 2,557.45	\$ -	51.15%
01-40-470-500155	Retirement/CalPERS	\$ 15,500.00	\$ 768.90	\$ 6,289.11	\$ 9,210.89	\$ -	59.43%
01-40-470-500165	Uniforms & Employee Benefits	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	\$ -	100.00%
01-40-470-500175	Training/Education/Mtgs/Travel	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	\$ -	100.00%
01-40-470-500180	Accrued Sick Leave Expenses	\$ 3,500.00	\$ 335.00	\$ 1,172.50	\$ 2,327.50	\$ -	66.50%
01-40-470-500185	Accrued Vacation Expenses	\$ 4,000.00	\$ 50.25	\$ 2,194.25	\$ 1,805.75	\$ -	45.14%
01-40-470-500187	Accrual Leave Payments	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	100.00%
	Operations Personnel	\$ 4,031,000.00	\$ 238,132.06	\$ 1,639,227.08	\$ 2,391,772.92	\$ -	59.33%
410	Source of Supply Materials & Supplies						
01-40-410-501101	Electricity - Wells	\$ 2,550,000.00	\$ 366,673.72	\$ 1,370,741.14	\$ 1,179,258.86	\$ -	46.25%
01-40-410-501201	Gas - Wells	\$ 1,000.00	\$ 14.79	\$ 103.55	\$ 896.45	\$ -	89.65%
01-40-410-510011	Treatment and Chemicals	\$ 160,000.00	\$ 18,480.00	\$ 76,996.39	\$ 83,003.61	\$ -	51.88%
01-40-410-510021	Lab Testing	\$ 100,000.00	\$ 5,942.37	\$ 46,039.52	\$ 53,960.48	\$ 1,125.40	52.84%
01-40-410-510031	Small Tools, Parts, & Maint	\$ 6,000.00	\$ 207.92	\$ 2,725.14	\$ 3,274.86	\$ -	54.58%
01-40-410-520021	Maint & Repair-Telemetry	\$ 5,000.00	\$ -	\$ 59.78	\$ 4,940.22	\$ -	98.80%
01-40-410-520061	Maint & Repair-Pumping Equip	\$ 201,202.00	\$ 2,265.63	\$ 52,266.71	\$ 148,935.29	\$ 464.36	73.79%
01-40-410-550066	Subscriptions	\$ 1,500.00	\$ -	\$ 1,312.50	\$ 187.50	\$ -	12.50%
440	Transmission & Distribution Materials & Supplies						
01-40-440-500178	General Safety Supplies	\$ 11,000.00	\$ 7,099.20	\$ 8,838.91	\$ 2,161.09	\$ -	19.65%
01-40-440-510031	Small Tools, Parts, & Maint	\$ 29,000.00	\$ 104.91	\$ 23,308.84	\$ 5,691.16	\$ -	19.62%
01-40-440-520071	Maint & Repair-Pipeline/FireHy	\$ 107,000.00	\$ 6,078.32	\$ 27,961.23	\$ 79,038.77	\$ -	73.87%
01-40-440-520081	Maint & Repair-Hydraulic Valve	\$ 25,000.00	\$ 737.10	\$ 822.00	\$ 24,178.00	\$ -	96.71%
01-40-440-530001	Minor Capital Acquisitions	\$ 39,000.00	\$ -	\$ 23,792.05	\$ 15,207.95	\$ -	38.99%
01-40-440-540001	Backflow Maintenance	\$ 10,000.00	\$ -	\$ 178.90	\$ 9,821.10	\$ -	98.21%
01-40-440-540024	Inventory Adjustments	\$ 47,000.00	\$ -	\$ -	\$ 47,000.00	\$ -	100.00%
01-40-440-540036	Line Locates	\$ 4,000.00	\$ 655.75	\$ 2,129.61	\$ 1,870.39	\$ -	46.76%
01-40-440-540042	Meters Maintenance & Services	\$ 125,000.00	\$ 10,493.59	\$ 55,403.04	\$ 69,596.96	\$ -	55.68%
01-40-440-540078	Reservoir Maintenance	\$ 52,000.00	\$ 252.80	\$ 1,282.61	\$ 50,717.39	\$ -	97.53%
470	Maintenance & General Plant Materials & Supplies						
01-40-470-501111	Electricity -560 Magnolia Ave	\$ 37,000.00	\$ 5,445.44	\$ 18,166.92	\$ 18,833.08	\$ -	50.90%
01-40-470-501121	Electricity -12303 Oak Glen Rd	\$ 5,000.00	\$ 114.65	\$ 1,437.98	\$ 3,562.02	\$ -	71.24%
01-40-470-501131	Electricity -13695 Oak Glen Rd	\$ 3,000.00	\$ 241.03	\$ 1,347.56	\$ 1,652.44	\$ -	55.08%
01-40-470-501141	Electricity -13697 Oak Glen Rd	\$ 3,000.00	\$ 379.23	\$ 1,590.56	\$ 1,409.44	\$ -	46.98%
01-40-470-501151	Electricity -9781 AveMiravilla	\$ 2,000.00	\$ 441.61	\$ 1,292.28	\$ 707.72	\$ -	35.39%
01-40-470-501161	Electricity -815 E 12th St	\$ 13,000.00	\$ 1,260.16	\$ 4,263.14	\$ 8,736.86	\$ -	67.21%
01-40-470-501171	Electricity -851 E 6th St	\$ 5,000.00	\$ 348.20	\$ 1,529.30	\$ 3,470.70	\$ -	69.41%
01-40-470-501321	Propane -12303 Oak Glen Rd	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	\$ -	100.00%
01-40-470-501331	Propane -13695 Oak Glen Rd	\$ 3,000.00	\$ -	\$ 1,455.67	\$ 1,544.33	\$ -	51.48%
01-40-470-501341	Propane -13697 Oak Glen Rd	\$ 3,000.00	\$ -	\$ 2,187.04	\$ 812.96	\$ -	27.10%
01-40-470-501351	Propane -9781 AveMiravilla	\$ 2,000.00	\$ -	\$ 1,161.21	\$ 838.79	\$ -	41.94%
01-40-470-501411	Sanitation -560 Magnolia Ave	\$ 7,000.00	\$ 530.40	\$ 4,132.64	\$ 2,867.36	\$ -	40.96%
01-40-470-501461	Sanitation -815 E 12th Ave	\$ 7,000.00	\$ 1,006.25	\$ 3,760.35	\$ 3,239.65	\$ -	46.28%
01-40-470-501471	Sanitation -11083 Cherry Ave	\$ 5,700.00	\$ 310.41	\$ 2,172.87	\$ 3,527.13	\$ -	61.88%
01-40-470-501611	Maint & Repair-560 Magnolia	\$ 30,000.00	\$ 1,046.71	\$ 23,794.60	\$ 6,205.40	\$ -	20.68%
01-40-470-501621	Maint & Repair-12303 Oak Glen	\$ 8,000.00	\$ -	\$ 575.15	\$ 7,424.85	\$ -	92.81%
01-40-470-501631	Maint & Repair-13695 Oak Glen	\$ 6,000.00	\$ -	\$ 3,076.00	\$ 2,924.00	\$ -	48.73%
01-40-470-501641	Maint & Repair-13697 Oak Glen	\$ 10,000.00	\$ 179.81	\$ 869.73	\$ 9,130.27	\$ -	91.30%

Account Number	Description	Budget	Period Amt	End Bal	Variance	Encumbered	% Avail/ Uncollect
01-40-470-501651	Maint & Repair-9781 Avenida	\$ 6,000.00	\$ 1,898.21	\$ 3,462.23	\$ 2,537.77	\$ -	42.30%
01-40-470-501661	Maint & Repair-815 E 12th St	\$ 32,000.00	\$ 1,790.44	\$ 14,453.20	\$ 17,546.80	\$ 10,500.00	22.02%
01-40-470-501671	Maint & Repair-851 E 6th St	\$ 3,200.00	\$ 380.63	\$ 1,759.18	\$ 1,440.82	\$ -	45.03%
01-40-470-501691	Maint & Repair-Buildings(Gen)	\$ 60,000.00	\$ 974.57	\$ 5,692.64	\$ 54,307.36	\$ 4,195.00	83.52%
01-40-470-510001	Auto/Fuel	\$ 150,000.00	\$ 10,209.39	\$ 68,915.29	\$ 81,084.71	\$ -	54.06%
01-40-470-510002	CIP Related Fuel	\$ (10,000.00)	\$ -	\$ -	\$ (10,000.00)	\$ -	100.00%
01-40-470-520011	Maint & Repair-Safety Equip	\$ 18,000.00	\$ -	\$ 316.40	\$ 17,683.60	\$ -	98.24%
01-40-470-520031	Maint & Repair-General Equip	\$ 75,000.00	\$ -	\$ 28,406.76	\$ 46,593.24	\$ -	62.12%
01-40-470-520041	Maintenance & Repair-Fleet	\$ 90,000.00	\$ 4,543.51	\$ 30,718.25	\$ 59,281.75	\$ -	65.87%
01-40-470-520051	Maintenance & Repair-Paving	\$ 83,000.00	\$ 22,273.50	\$ 82,557.39	\$ 442.61	\$ -	0.53%
01-40-470-520053	Maint & Repair-Paving-Beaumont	\$ 500,000.00	\$ 64,089.75	\$ 291,319.50	\$ 208,680.50	\$ -	41.74%
01-40-470-530001	Minor Capital Acquisitions	\$ 10,000.00	\$ 9,450.00	\$ 9,450.00	\$ (9,450.00)	\$ -	0.00%
01-40-470-540052	Encroachment Permits	\$ 40,000.00	\$ 1,508.04	\$ 10,855.31	\$ 29,144.69	\$ -	72.86%
	Operations Materials & Supplies	\$ 4,681,602.00	\$ 547,428.04	\$ 2,314,681.07	\$ 2,356,920.93	\$ 16,284.76	50.00%
410	Source of Supply Services						
01-40-410-500501	State Project Water Purchases	\$ 4,389,000.00	\$ -	\$ 3,928,155.00	\$ 460,845.00	\$ -	10.50%
01-40-410-540084	Regulations Mandates & Tariffs	\$ 145,000.00	\$ 3,876.04	\$ 55,287.13	\$ 89,712.87	\$ -	61.87%
440	Transmission & Distribution Services						
01-40-440-500190	Temporary Labor	\$ 13,000.00	\$ -	\$ -	\$ 13,000.00	\$ -	100.00%
01-40-440-550051	Advertising/Legal Notices	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00	\$ -	100.00%
470	Maintenance & General Plant Services						
01-40-470-540030	Landscape Maintenance	\$ 80,000.00	\$ 1,362.27	\$ 31,973.57	\$ 48,026.43	\$ -	60.03%
01-40-470-540072	NCRF, Canyons, & Pond Maint	\$ 148,300.00	\$ 14,573.82	\$ 69,339.46	\$ 78,960.54	\$ -	53.24%
	Operations Services	\$ 4,780,300.00	\$ 19,812.13	\$ 4,084,755.16	\$ 695,544.84	\$ -	14.55%
Expense Total	OPERATIONS	\$ 13,492,902.00	\$ 805,372.23	\$ 8,038,663.31	\$ 5,444,238.69	\$ 16,284.76	40.23%
50	GENERAL						
01-50-510-500112	Stipend-Association Mtg Attend	\$ 1,000.00	\$ 75.00	\$ 450.00	\$ 550.00	\$ -	55.00%
	Personnel	\$ 1,000.00	\$ 75.00	\$ 450.00	\$ 550.00	\$ -	55.00%
01-50-510-502001	Rents/Leases	\$ 29,500.00	\$ 2,480.00	\$ 16,711.84	\$ 12,788.16	\$ -	43.35%
01-50-510-510031	Small Tools, Parts, & Maint	\$ 1,000.00	\$ 699.61	\$ 947.73	\$ 52.27	\$ -	5.23%
01-50-510-540066	Property Damage and Theft	\$ 27,000.00	\$ -	\$ -	\$ 27,000.00	\$ -	100.00%
01-50-510-550040	General Supplies	\$ 17,000.00	\$ 634.89	\$ 11,411.19	\$ 5,588.81	\$ 2,885.87	15.90%
01-50-510-550060	Public Ed/Community Outreach	\$ 12,500.00	\$ 49.87	\$ 2,496.96	\$ 10,003.04	\$ -	80.02%
01-50-510-550072	Miscellaneous Operating Exp	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	\$ -	100.00%
01-50-510-550074	Disaster Prepared Ongoing Exp	\$ 11,000.00	\$ -	\$ 21.54	\$ 10,978.46	\$ 10,625.88	3.21%
	General Materials & Supplies	\$ 99,000.00	\$ 3,864.37	\$ 31,589.26	\$ 67,410.74	\$ 13,511.75	54.44%
01-50-510-550096	Beaumont Basin Watermaster	\$ 85,000.00	\$ 5,263.42	\$ 42,777.90	\$ 42,222.10	\$ -	49.67%
01-50-510-550097	SAWPA Basin Monitoring Program	\$ 31,500.00	\$ 2,422.67	\$ 14,714.15	\$ 16,785.85	\$ -	53.29%
	General Services	\$ 116,500.00	\$ 7,686.09	\$ 57,492.05	\$ 59,007.95	\$ -	50.65%
Expense Total	GENERAL	\$ 216,500.00	\$ 11,625.46	\$ 89,531.31	\$ 126,968.69	\$ 13,511.75	52.41%
Expense Total	ALL EXPENSES	\$ 22,836,657.00	\$ 1,464,125.25	\$ 12,585,945.96	\$ 10,240,711.04	\$ 29,796.51	44.71%



**Beaumont-Cherry Valley Water District
Board of Directors Regular Meeting
September 13, 2023**

Item 3b

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: July 31, 2023 Cash/Investment Balance Report

Staff Recommendation

Approve the July 31, 2023, Cash Balance and Investment Report.

Summary

Attached is the Cash and Investment Report as of July 31, 2023. The District's total invested cash and marketable securities have a market value of \$83,868,261.97.

Analysis

The attached reports include the following elements following 5045.17 Investment Reporting:

- a. Listing of individual securities held at the end of the reporting period;
- b. Cost and market value of all securities, including realized and unrealized market value gains or losses per GASB requirements;
- c. Average weighted yield to maturity of the portfolio;
- d. Listing of investment by maturity date;
- e. Percentage of the total portfolio, which each type of investment represents;
- f. Statement of compliance with Investment Policy, including an explanation of any compliance exceptions (CGC Section 53646); and
- g. Certification of sufficient liquidity to meet budgeted expenditures over the ensuing six months (CGC Section 53646)

The investments, in type, maturity, and percentage of the total portfolio, follow the existing Board approved investment policy.

The weighted average maturity (WAM) of the portfolio is 317 days. The maximum WAM allowed by the Investment Policy is 1,825 days. The current portfolio and expected revenue cash flow will be sufficient to meet budgeted expenditure requirements for the next six months and the foreseeable future.

Attachment(s)

1. July 31, 2023 Cash Balance and Investment Report
2. Local Agency Investment Fund July 2023 Statement
3. Chandler Asset Management Portfolio Summary as of July 31, 2023
4. Chandler Asset Management Statement of Compliance as of July 31, 2023
5. Chandler Asset Management Holdings Report as of July 31, 2023
6. Chandler Asset Management Income Earned Report as of July 31, 2023

Staff Report prepared by Bill Clayton, Finance Manager



**Beaumont-Cherry Valley Water District
Cash Balance & Investment Report
As of July 31, 2023**

Account Name	Wells Fargo	Account Ending #	Balance	Cash Balance Per Account
				Prior Month Balance
General		4152	\$6,371,987.13	\$6,922,517.95
Total Cash			\$ 6,371,987.13	\$ 6,922,517.95

Investment Summary

Account Name	Market Value	Prior Month Balance	Actual % of Total	Policy % Limit	Maturity	Par Amount	Rate	Current Period Income	Income Year-to-Date
Ca. State Treasurer's Office: Local Agency Investment Fund	\$40,244,639.84	\$39,931,074.85	52%	No Limit	Liquid	N/A	3.39%	\$313,564.99	\$536,264.67 ⁽¹⁾
CalTRUST Short Term Fund	\$0.00	\$0.00	0%	No Limit	Liquid	N/A	4.71%	\$0.00	\$0.00 ⁽²⁾
Chandler Investment Services	\$37,251,635.00 ⁽³⁾	\$37,102,386.00	48%	No Limit	Liquid	N/A	3.45%	\$107,596.64	\$720,862.84
Total Investments	\$77,496,274.84	\$77,033,460.85							\$1,257,147.51

Total Cash & Investments \$ 83,868,261.97 \$ 83,955,978.80

Account Name Chandler Investment Services
Book Value \$37,849,228.17 ⁽³⁾
Book - MV = \$597,593.17

The investments above are in accordance with the District's investment policy. William C. Clayton William Clayton, Finance Manager

BCVWD will be able to meet its cash flow obligations for the next 6 months. Sylvia Molina Sylvia Molina, Assistant Director of Finance and Administration

The investments above have been reviewed by the General Manager. Daniel K. Jagers Daniel K. Jagers, General Manager

(1) Interest received in July is for the 2nd Quarter of 2023 (April - June)
 (2) Redemption of full investment March 2022
 (3) Market Value is the value of the investment if sold at the end of the period. Book Value is the value of the investment is held until maturity.
 (4) Income Year-to-Date is based on Income Earned for each reporting period in total prior to the application of bank fees
 (5) The interest allocation published 7/14 was incorrectly calculated by LAIF. BCVWD was notified the next business day of the error and the correction was made within 24 hours. There was no impact to the District recordings of interest for the quarter

California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
 P.O. Box 942809
 Sacramento, CA 94209-0001
 (916) 653-3001

August 28, 2023

[LAIF Home](#)
[PMIA Average Monthly Yields](#)

BEAUMONT-CHERRY VALLEY WATER DISTRICT

TREASURER
 P.O. BOX 2037
 BEAUMONT, CA 92223

[Tran Type Definitions](#)



July 2023 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
7/14/2023	7/19/2023	QRD	1735689	N/A	SYSTEM	313,564.99

Account Summary

Total Deposit:	313,564.99	Beginning Balance:	39,931,074.85
Total Withdrawal:	0.00	Ending Balance:	40,244,639.84



Portfolio Summary

As of July 31, 2023

PORTFOLIO CHARACTERISTICS

Average Modified Duration	1.66
Average Coupon	2.50%
Average Purchase YTM	3.45%
Average Market YTM	5.19%
Average S&P/Moody Rating	AA/Aa2
Average Final Maturity	1.95 yrs
Average Life	1.78 yrs

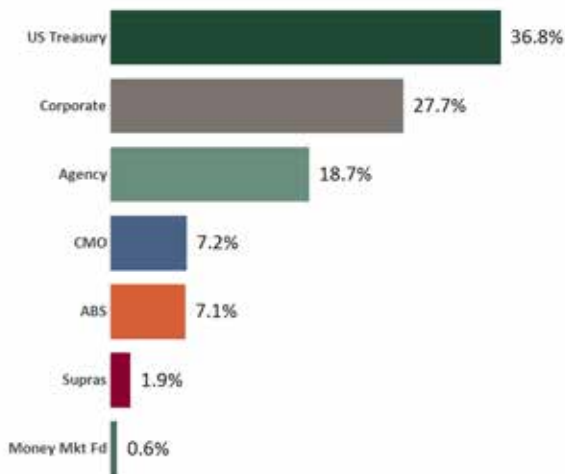
ACCOUNT SUMMARY

	Beg. Values as of 6/30/23	End Values as of 7/31/23
Market Value	36,908,296	37,033,843
Accrued Interest	194,089	217,792
Total Market Value	37,102,386	37,251,635
Income Earned	105,533	107,597
Cont/WD		-3,175
Par	38,261,383	38,317,800
Book Value	37,770,027	37,849,228
Cost Value	37,411,461	37,468,608

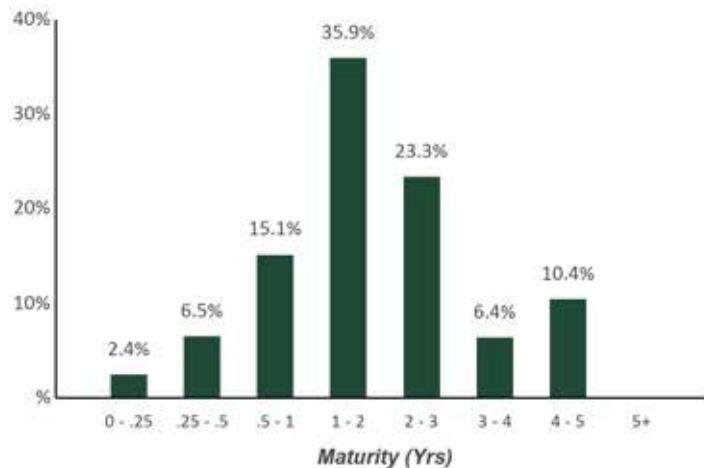
TOP ISSUERS

Government of United States	36.8%
Federal Farm Credit Bank	12.0%
Federal Home Loan Mortgage Corp	7.2%
Federal Home Loan Bank	5.5%
American Express ABS	1.6%
Federal National Mortgage Assoc	1.2%
Home Depot	1.2%
Florida Power and Light	1.2%
Total	66.7%

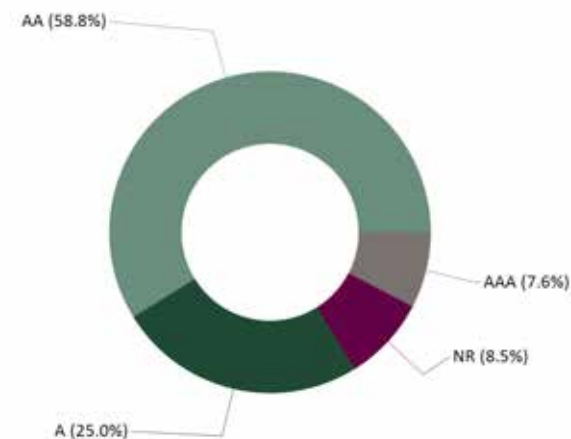
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

TOTAL RATE OF RETURN	Annualized									
	1M	3M	YTD	1YR	2YRS	3YRS	5YRS	10YRS	3/31/2022	
Beaumont Cherry Valley Water District	0.41%	0.03%	1.82%	0.95%	N/A	N/A	N/A	N/A	1.05%	
ICE BofA 1-3 Yr US Treasury Index	0.36%	-0.47%	1.33%	0.15%	N/A	N/A	N/A	N/A	-0.02%	



Statement of Compliance

As of July 31, 2023

BCVWD - Consolidated Portfolio

This portfolio is a consolidation of assets managed by Chandler Asset Management and assets managed internally by Client. Chandler relies on Client to provide accurate information for reporting assets and producing this compliance statement.

Category	Standard	Comment
U.S. Treasuries	No limitation; Full faith and credit of the U.S. are pledged for the payment of principal and interest	<i>Complies</i>
Federal Agencies	No limitation; Federal agencies or U.S. government-sponsored enterprise obligations, participations, or other instruments, including those issued or fully guaranteed as to principal and interest by federal agencies or U.S. government sponsored enterprises.	<i>Complies</i>
Supranational Obligations	"AA" rating category or higher by a NRSRO; 30% max; 10% max per issuer; USD denominated senior unsecured unsubordinated obligations; Issued or unconditionally guaranteed by International Bank for Reconstruction & Development (IBRD), International Finance Corporation (IFC), or Inter-American Development Bank (IADB)	<i>Complies</i>
Municipal Securities (CA, Other States)	5% max per issuer; Registered treasury notes or bonds of this state or any of the other 49 United States, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of this state or any of the other 49 United States. Bonds, notes, warrants, or other evidence of indebtedness of any local agency, including the District's own bonds, within this state, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by the local agency, or by a department, board, agency, or authority of the local agency.	<i>Complies</i>
Corporate Medium Term Notes	"A" rating category or better by a NRSRO; 30% max; 5% max per issuer; Issuer is a corporation organized and operating within the U.S. or by depository institutions licensed by the U.S. or any state and operating within the U.S.	<i>Complies</i>
Asset-Backed, Mortgage-Backed, Mortgage Pass-Through Securities, and Collateralized Mortgage Obligations	"AA" rating category or higher by a NRSRO; 20% max (combined ABS/MBS/CMO); 5% max per issuer that is not a U.S. Government Agency; Asset-Backed, Mortgage-Backed, Mortgage Pass-Through Securities, and Collateralized Mortgage Obligations limited to mortgage-backed pass-through securities issued by a US government agency or consumer receivable pass-through certificates or bonds	<i>Complies</i>
Negotiable Certificates of Deposit (NCD)	30% max; 5% max per issuer; Issued by a nationally or state-chartered bank, or a federal or state association, a state or federal credit union, or by a federally-licensed or state-licensed branch of a foreign bank.	<i>Complies</i>
Certificate of Deposit Placement Service (CDARS)	50% max (combined with Negotiable Certificates of Deposit)	<i>Complies</i>
Collateralized Bank Deposits	Deposits with financial institutions will be collateralized with pledged securities per California Government Code	<i>Complies</i>
Banker's Acceptances	"A-1" short-term rating or better by a NRSRO; 40% max; 30% max per commercial bank; 5% max per issuer; 180 days max maturity; Issued by domestic or foreign banks, which are eligible for purchase by the Federal Reserve System.	<i>Complies</i>
Commercial Paper	"Prime" quality of the highest rating by a NRSRO; The entity that issues the commercial paper shall meet all conditions: (i) Organized and operating in the U.S. as a general corporation; (ii) Has total assets >\$500 million; (iii) Has debt other than commercial paper, if any, that is "A" rating category or higher by a NRSRO; 25% max; 5% max per issuer; 10% max of the outstanding paper of an issuing corporation; 270 days max maturity	<i>Complies</i>
Money Market Mutual Funds	20% max; Registered with SEC under Investment Company Act of 1940 and issued by diversified management companies and meet either of the following criteria: (i) Highest rating by two NRSROs; or (ii) Retained an investment adviser registered or exempt from SEC registration with > 5 years experience managing money market mutual funds with AUM >\$500 million	<i>Complies</i>
Local Agency Investment Fund (LAIF)	Maximum amount permitted by LAIF; Not used by investment adviser	<i>Complies</i>

Local Government Investment Pool (LGIP)	No limitation; However, the amount invested may not exceed the current maximum allowed by the pool; "AAm", or its equivalent, by a NRSRO; Shares of beneficial interest issued by a joint powers authority organized pursuant to Government Code Section; must meet the requirements of California Government Code Section 53601(p); the pool must seek to maintain a stable Net Asset Value ("NAV")	<i>Complies</i>
Repurchase Agreements	10% max; 102% Collateralized; 1 year max maturity; Not used by investment adviser	<i>Complies</i>
Max Per Issuer	5% max per issuer, except U.S. Treasuries, Federal Agency securities, LGIPs, and LAIF	<i>Complies</i>
Maximum Maturity	5 years maximum maturity	<i>Complies</i>



Beaumont Cherry Valley Water District

Holdings Report

As of July 31, 2023

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
36262XAC8	GM Financial Auto Lease Trust 2021-3 A2 0.39% Due 10/21/2024	69,069.66	05/04/2022 2.99%	66,819.50 68,449.42	98.86 5.68%	68,282.40 8.23	0.18% (167.02)	NR / AAA AAA	1.23 0.21
43813GAC5	Honda Auto Receivables Trust 2021-1 A3 0.27% Due 4/21/2025	94,484.34	Various 2.37%	92,333.52 93,762.05	97.95 5.74%	92,544.11 7.09	0.25% (1,217.94)	Aaa / NR AAA	1.73 0.37
36266FAC3	GM Financial Auto Lease Trust 2022-2 A3 3.42% Due 6/20/2025	130,000.00	05/03/2022 3.45%	129,986.44 129,994.01	98.45 5.85%	127,985.26 135.85	0.34% (2,008.75)	NR / AAA AAA	1.89 0.64
44933LAC7	Hyundai Auto Receivables Trust 2021-A A3 0.38% Due 9/15/2025	147,755.07	04/25/2022 2.62%	143,553.29 146,139.43	97.55 5.94%	144,136.70 24.95	0.39% (2,002.73)	NR / AAA AAA	2.13 0.44
05593AAC3	BMW Vehicle Lease Trust 2023-1 A3 5.16% Due 11/25/2025	50,000.00	02/07/2023 5.22%	49,998.81 49,999.07	99.41 5.71%	49,705.80 43.00	0.13% (293.27)	Aaa / AAA NR	2.32 1.19
44934KAC8	Hyundai Auto Receivables Trust 2021-B A3 0.38% Due 1/15/2026	29,120.78	05/19/2022 2.98%	28,006.01 28,579.21	96.93 5.86%	28,226.13 4.92	0.08% (353.08)	NR / AAA AAA	2.46 0.56
47789QAC4	John Deere Owner Trust 2021-B A3 0.52% Due 3/16/2026	97,587.11	05/02/2022 3.32%	92,479.03 94,698.87	96.03 6.04%	93,714.46 22.55	0.25% (984.41)	Aaa / NR AAA	2.63 0.72
89238JAC9	Toyota Auto Receivables Trust 2021-D A3 0.71% Due 4/15/2026	40,059.43	12/14/2022 5.48%	37,726.28 38,397.94	96.19 5.87%	38,532.56 12.64	0.10% 134.62	NR / AAA AAA	2.71 0.74
43815PAC3	Honda Auto Receivables 2022-2 A3 3.73% Due 7/20/2026	50,000.00	08/15/2022 3.76%	49,997.02 49,997.93	97.47 5.58%	48,733.45 67.35	0.13% (1,264.48)	NR / AAA AAA	2.97 1.40
89238FAD5	Toyota Auto Receivables OT 2022-B A3 2.93% Due 9/15/2026	209,000.00	Various 3.26%	207,519.11 208,094.74	96.94 5.67%	202,609.62 272.16	0.54% (5,485.12)	Aaa / AAA NR	3.13 1.13
02582JIR2	American Express 2021-1 A 0.9% Due 11/15/2026	386,000.00	Various 3.23%	364,484.53 374,994.72	94.36 5.51%	364,234.63 154.40	0.98% (10,760.09)	Aaa / NR AAA	3.30 1.24
362585AC5	GM Financial Securitized ART 2022-2 A3 3.1% Due 2/16/2027	40,000.00	04/05/2022 3.13%	39,991.64 39,994.81	97.06 5.60%	38,823.72 51.67	0.10% (1,171.09)	Aaa / AAA NR	3.55 1.19
47800AAC4	John Deere Owner Trust 2022-B A3 3.74% Due 2/16/2027	115,000.00	07/12/2022 3.77%	114,989.02 114,992.19	97.30 5.73%	111,890.75 191.16	0.30% (3,101.44)	Aaa / NR AAA	3.55 1.39
89231CAD9	Toyota Auto Receivables Owner 2022-C A3 3.76% Due 4/15/2027	140,000.00	08/08/2022 3.80%	139,976.61 139,983.34	97.31 5.52%	136,228.54 233.96	0.37% (3,754.80)	NR / AAA AAA	3.71 1.56



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
36265WAD5	GM Financial Securitized Auto 2022-3 A3 3.64% Due 4/16/2027	55,000.00	07/06/2022 3.67%	54,999.62 54,999.75	97.39 5.51%	53,562.91 83.42	0.14% (1,436.84)	Aaa / NR AAA	3.71 1.43
43815JAC7	Honda Auto Receivables Owner 2023-1 A3 5.04% Due 4/21/2027	50,000.00	02/16/2023 5.10%	49,990.71 49,991.98	99.41 5.40%	49,706.95 70.00	0.13% (285.03)	Aaa / NR AAA	3.73 1.89
02582JIT8	American Express Credit Trust 2022-2 A 3.39% Due 5/17/2027	235,000.00	05/17/2022 3.42%	234,948.02 234,968.77	96.77 5.35%	227,402.92 354.07	0.61% (7,565.85)	NR / AAA AAA	3.80 1.69
92348KAA1	Verizon Master Trust 2021-1 A 0.5% Due 5/20/2027	300,000.00	10/21/2022 4.28%	279,093.75 285,988.63	95.85 3.99%	287,538.60 45.83	0.77% 1,549.97	Aaa / AAA AAA	3.81 1.20
47800BAC2	John Deere Owner Trust 2022-C A3 5.09% Due 6/15/2027	210,000.00	10/12/2022 5.15%	209,983.70 209,987.19	99.17 5.65%	208,266.24 475.07	0.56% (1,720.95)	Aaa / NR AAA	3.88 1.63
92348KAV5	Verizon Master Trust 2022-5 A1A 3.72% Due 7/20/2027	140,000.00	08/02/2022 3.75%	139,993.84 139,996.00	99.05 5.09%	138,663.70 159.13	0.37% (1,332.30)	NR / AAA AAA	3.97 1.02
58770AAC7	Mercedes-Benz Auto Receivable 2023-1 A3 4.51% Due 11/15/2027	125,000.00	01/18/2023 4.56%	124,985.00 124,987.23	98.39 5.71%	122,991.25 250.56	0.33% (1,995.98)	NR / AAA AAA	4.30 1.40
Total ABS		2,713,076.39	3.72%	2,651,855.45 2,678,997.28	5.44%	2,633,780.70 2,668.01	7.08% (45,216.58)	Aaa / AAA AAA	3.26 1.17

AGENCY									
3133EJYL7	FFCB Note 2.8% Due 9/5/2023	95,000.00	04/07/2022 2.27%	95,688.47 95,046.79	99.77 5.19%	94,781.41 1,078.78	0.26% (265.38)	Aaa / AA+ AAA	0.10 0.09
313383YJ4	FHLB Note 3.375% Due 9/8/2023	500,000.00	04/26/2022 2.35%	506,845.00 500,521.26	99.76 5.65%	498,800.50 6,703.13	1.36% (1,720.76)	Aaa / AA+ NR	0.11 0.10
3130APU29	FHLB Note 0.5% Due 11/9/2023	400,000.00	06/28/2022 3.06%	386,424.00 397,273.90	98.66 5.47%	394,659.20 455.56	1.06% (2,614.70)	Aaa / AA+ NR	0.28 0.27
3130AAHE1	FHLB Note 2.5% Due 12/8/2023	150,000.00	04/07/2022 2.43%	150,159.30 150,033.74	98.99 5.41%	148,480.05 552.08	0.40% (1,553.69)	Aaa / AA+ NR	0.36 0.35
3133ENWP1	FFCB Note 2.625% Due 5/16/2024	270,000.00	05/10/2022 2.69%	269,635.50 269,855.90	97.75 5.57%	263,922.30 1,476.56	0.71% (5,933.60)	Aaa / AA+ AAA	0.79 0.76
3133ENYX2	FFCB Note 3.25% Due 6/17/2024	460,000.00	06/15/2022 3.40%	458,707.40 459,432.39	98.14 5.44%	451,450.90 1,827.22	1.22% (7,981.49)	Aaa / AA+ AAA	0.88 0.85



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
3130ASDS5	FHLB Note 2.75% Due 6/28/2024	500,000.00	06/28/2022 3.22%	495,520.00 497,962.52	97.66 5.43%	488,281.00 1,260.42	1.31% (9,681.52)	Aaa / AA+ NR	0.91 0.88
3133EN4N7	FFCB Note 4.25% Due 12/20/2024	625,000.00	12/15/2022 4.40%	623,181.25 623,738.57	98.52 5.36%	615,780.63 3,025.17	1.66% (7,957.94)	Aaa / AA+ AAA	1.39 1.32
3130AQMR1	FHLB Callable Note Annual 1/27/2023 1.25% Due 1/27/2025	150,000.00	04/18/2022 2.75%	144,043.95 146,798.77	93.97 5.53%	140,950.20 20.83	0.38% (5,848.57)	Aaa / AA+ NR	1.50 1.44
3135G05X7	FNMA Note 0.375% Due 8/25/2025	500,000.00	06/22/2022 3.27%	456,750.00 471,825.93	91.18 4.91%	455,915.00 812.50	1.23% (15,910.93)	Aaa / AA+ AAA	2.07 2.01
3133EPBJ3	FFCB Note 4.375% Due 2/23/2026	725,000.00	02/21/2023 4.50%	722,426.25 722,799.63	99.12 4.74%	718,643.93 13,921.01	1.97% (4,155.70)	Aaa / AA+ AAA	2.57 2.35
3130ALEM2	FHLB Callable Note Qtrly 11/25/2025 0.79% Due 2/25/2026	400,000.00	05/12/2022 2.96%	369,200.00 379,103.18	90.28 4.86%	361,123.20 1,369.33	0.97% (17,979.98)	Aaa / AA+ NR	2.58 2.47
3133EPCF0	FFCB Note 4.5% Due 3/2/2026	750,000.00	03/23/2023 3.97%	760,837.50 759,525.70	99.64 4.65%	747,294.00 13,968.75	2.04% (12,231.70)	Aaa / AA+ AAA	2.59 2.37
3133EPBM6	FFCB Note 4.125% Due 8/23/2027	750,000.00	02/21/2023 4.26%	745,935.00 746,328.63	99.04 4.38%	742,826.25 13,578.13	2.03% (3,502.38)	Aaa / AA+ AAA	4.07 3.63
3133EPGW9	FFCB Note 3.875% Due 4/25/2028	800,000.00	04/24/2023 3.76%	804,016.00 803,800.58	98.29 4.28%	786,330.40 8,266.67	2.13% (17,470.18)	Aaa / AA+ AAA	4.74 4.23
Total Agency		7,075,000.00	3.58%	6,989,369.62 7,024,047.49	4.98%	6,909,238.97 68,316.14	18.73% (114,808.52)	Aaa / AA+ AAA	2.14 1.96
CMO									
3137B5KW2	FHLMC K035 A2 3.458% Due 8/25/2023	66,460.34	04/29/2022 1.85%	67,086.00 66,491.75	99.62 5.56%	66,207.11 191.52	0.18% (284.64)	NR / NR AAA	0.07 0.07
3137BTU25	FHLMC K724 A2 3.062% Due 11/25/2023	339,368.67	06/13/2022 3.46%	337,738.11 339,009.76	99.27 5.72%	336,891.61 865.96	0.91% (2,118.15)	NR / NR AAA	0.32 0.20
3137BEVH4	FHLMC K040 A2 3.241% Due 9/25/2024	150,000.00	04/21/2022 2.94%	150,726.56 150,346.41	97.42 5.68%	146,136.45 405.13	0.39% (4,209.96)	NR / NR AAA	1.16 0.98
3137BFE98	FHLMC K041 A2 3.171% Due 10/25/2024	150,000.00	04/21/2022 2.96%	150,480.47 150,230.78	97.22 5.58%	145,829.25 396.38	0.39% (4,401.53)	Aaa / AAA AAA	1.24 1.09
3137BFXT3	FHLMC K042 A2 2.67% Due 12/25/2024	450,000.00	06/22/2022 3.52%	441,070.31 445,092.69	96.39 5.54%	433,761.30 200.25	1.16% (11,331.39)	Aaa / NR NR	1.41 1.21



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
CMO									
3137BHCY1	FHLMC K044 A2 2.811% Due 1/25/2025	368,260.95	06/16/2022 4.46%	359,802.46 363,509.92	96.34 5.49%	354,768.24 862.65	0.95% (8,741.68)	NR / NR AAA	1.49 1.32
3137F4WZ1	FHLMC K731 A2 3.6% Due 2/25/2025	363,465.41	05/03/2022 2.67%	367,611.19 365,741.04	97.08 5.72%	352,864.21 1,090.40	0.95% (12,876.83)	NR / NR AAA	1.58 1.29
3137BM7C4	FHLMC K051 A2 3.308% Due 9/25/2025	400,000.00	05/18/2022 3.06%	402,031.25 401,293.08	96.19 5.26%	384,748.40 1,102.67	1.04% (16,544.68)	NR / NR AAA	2.16 1.89
3137BNGT5	FHLMC K054 A2 2.745% Due 1/25/2026	350,000.00	12/15/2022 4.49%	334,742.19 337,826.80	94.97 4.99%	332,405.85 800.63	0.89% (5,420.95)	NR / AAA NR	2.49 2.22
3137FETN0	FHLMC K073 A2 3.35% Due 1/25/2028	130,000.00	07/10/2023 4.75%	123,083.59 123,162.90	94.30 4.79%	122,585.06 72.58	0.33% (577.84)	NR / NR AAA	4.49 3.98
Total CMO		2,767,555.37	3.53%	2,734,372.13 2,742,705.13	5.45%	2,676,197.48 5,988.17	7.20% (66,507.65)	Aaa / AAA AAA	1.63 1.41

CORPORATE									
02665WCT6	American Honda Finance Note 3.55% Due 1/12/2024	400,000.00	Various 2.77%	405,283.50 401,359.35	99.05 5.72%	396,196.00 749.44	1.07% (5,163.35)	A3 / A- A	0.45 0.44
24422EVN6	John Deere Capital Corp Note 0.45% Due 1/17/2024	400,000.00	Various 2.68%	385,011.00 396,000.73	97.74 5.47%	390,975.20 70.00	1.05% (5,025.53)	A2 / A A+	0.47 0.45
91159HHV5	US Bancorp Callable Note Cont 1/5/2024 3.375% Due 2/5/2024	150,000.00	04/20/2022 2.95%	151,047.00 150,263.85	98.85 5.68%	148,281.60 2,475.00	0.40% (1,982.25)	A3 / A A	0.52 0.49
637432NL5	National Rural Utilities Callable Note Cont 12/7/2023 2.95% Due 2/7/2024	150,000.00	04/06/2022 2.77%	150,441.00 150,092.84	98.52 5.89%	147,785.55 2,138.75	0.40% (2,307.29)	A1 / A- A+	0.52 0.49
89114QCB2	Toronto Dominion Bank Note 3.25% Due 3/11/2024	400,000.00	Various 3.02%	401,620.50 400,527.80	98.44 5.88%	393,757.20 5,055.55	1.07% (6,770.60)	A1 / A AA-	0.61 0.59
037833CU2	Apple Inc Callable Note Cont 3/11/2024 2.85% Due 5/11/2024	450,000.00	06/22/2022 3.23%	446,895.00 448,716.42	98.05 5.44%	441,220.05 2,850.00	1.19% (7,496.37)	Aaa / AA+ NR	0.78 0.75
747525AT0	Qualcomm Inc Callable Note Cont 3/20/2024 2.9% Due 5/20/2024	400,000.00	Various 2.72%	401,320.00 400,434.83	98.28 5.10%	393,130.80 2,287.78	1.06% (7,304.03)	A2 / A NR	0.81 0.78
69371RR81	Paccar Financial Corp Note 3.15% Due 6/13/2024	290,000.00	06/06/2022 3.16%	289,933.30 289,971.08	97.98 5.56%	284,152.15 1,218.00	0.77% (5,818.93)	A1 / A+ NR	0.87 0.84



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
CORPORATE									
06367TQW3	Bank of Montreal Note 0.625% Due 7/9/2024	425,000.00	04/27/2022 3.22%	401,846.00 415,097.48	95.34 5.80%	405,183.95 162.33	1.09% (9,913.53)	A2 / A- AA-	0.94 0.91
79466LAG9	Salesforce.com Inc Callable Note Cont 7/15/2022 0.625% Due 7/15/2024	375,000.00	Various 2.99%	356,177.25 366,857.97	95.53 5.49%	358,251.75 104.17	0.96% (8,606.22)	A2 / A+ NR	0.96 0.93
05531FBH5	Truist Financial Corporation Callable Note Cont 7/1/2024 2.5% Due 8/1/2024	400,000.00	Various 3.07%	395,039.00 397,800.87	96.77 5.87%	387,077.60 5,000.00	1.05% (10,723.27)	A3 / A- A	1.01 0.95
693475AY1	PNC Financial Services Callable Note Cont 10/2/2024 2.2% Due 11/1/2024	150,000.00	04/11/2022 2.99%	147,117.00 148,584.77	95.72 5.80%	143,580.15 825.00	0.39% (5,004.62)	A3 / A- A	1.26 1.20
89236TJT3	Toyota Motor Credit Corp Note 1.45% Due 1/13/2025	150,000.00	04/18/2022 3.00%	143,931.00 146,774.14	94.70 5.29%	142,054.35 108.75	0.38% (4,719.79)	A1 / A+ A+	1.46 1.40
00440EAS6	Chubb INA Holdings Inc Note 3.15% Due 3/15/2025	450,000.00	Various 3.67%	443,992.50 446,415.16	96.64 5.34%	434,892.15 5,355.00	1.18% (11,523.01)	A3 / A A	1.62 1.53
69371RR73	Paccar Financial Corp Note 2.85% Due 4/7/2025	120,000.00	03/31/2022 2.86%	119,968.80 119,982.49	96.10 5.30%	115,322.28 1,083.00	0.31% (4,660.21)	A1 / A+ NR	1.69 1.60
023135CE4	Amazon.com Inc Note 3% Due 4/13/2025	450,000.00	Various 3.22%	447,451.25 448,424.71	96.75 5.02%	435,366.00 4,050.00	1.18% (13,058.71)	A1 / AA AA-	1.70 1.61
78016EZ59	Royal Bank of Canada Note 3.375% Due 4/14/2025	400,000.00	Various 3.64%	397,033.20 398,283.84	96.46 5.58%	385,836.80 4,012.50	1.05% (12,447.04)	A1 / A AA-	1.71 1.61
06406RBC0	Bank of NY Mellon Corp Callable Note Cont 3/25/2025 3.35% Due 4/25/2025	400,000.00	Various 3.27%	400,918.40 400,519.93	96.26 5.64%	385,034.00 3,573.34	1.04% (15,485.93)	A1 / A AA-	1.74 1.64
808513AX3	Charles Schwab Corp Callable Note Cont 3/21/2025 3.85% Due 5/21/2025	450,000.00	06/22/2022 3.80%	450,561.98 450,335.73	96.89 5.69%	435,983.85 3,368.75	1.18% (14,351.88)	A2 / A- A	1.81 1.70
46647PCH7	JP Morgan Chase & Co Callable Note Cont 6/1/2024 0.824% Due 6/1/2025	400,000.00	Various 4.27%	378,688.50 387,347.33	95.65 5.97%	382,609.60 549.33	1.03% (4,737.73)	A1 / A- AA-	1.84 1.75
63743HFE7	National Rural Utilities Note 3.45% Due 6/15/2025	60,000.00	04/27/2022 3.46%	59,983.80 59,990.26	96.39 5.50%	57,832.86 264.50	0.16% (2,157.40)	A2 / A- A	1.88 1.77
26442UAA2	Duke Energy Progress LLC Callable Note Cont 5/15/25 3.25% Due 8/15/2025	400,000.00	Various 3.26%	399,859.00 399,903.32	96.23 5.22%	384,924.80 5,994.45	1.05% (14,978.52)	Aa3 / A NR	2.04 1.91



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CORPORATE									
89236TKF1	Toyota Motor Credit Corp Note 3.65% Due 8/18/2025	180,000.00	08/15/2022 3.68%	179,838.00 179,889.44	97.15 5.13%	174,864.60 2,974.75	0.48% (5,024.84)	A1 / A+ A+	2.05 1.91
931142EW9	Wal-Mart Stores Note 3.9% Due 9/9/2025	100,000.00	09/06/2022 3.92%	99,930.00 99,950.82	98.15 4.83%	98,149.10 1,538.33	0.27% (1,801.72)	Aa2 / AA AA	2.11 1.96
437076CR1	Home Depot Callable Note Cont 8/15/2025 4% Due 9/15/2025	450,000.00	09/14/2022 4.12%	448,560.00 448,976.70	98.15 4.93%	441,678.15 6,800.00	1.20% (7,298.55)	A2 / A A	2.13 1.98
63743HFF4	National Rural Utilities Note 5.45% Due 10/30/2025	145,000.00	10/20/2022 5.50%	144,805.70 144,854.32	100.28 5.31%	145,403.83 1,997.58	0.40% 549.51	A2 / A- A	2.25 2.07
637432NG6	National Rural Utilities Callable Note Cont 8/1/2025 3.25% Due 11/1/2025	60,000.00	04/14/2022 3.31%	59,880.00 59,923.56	95.56 5.37%	57,338.52 487.50	0.16% (2,585.04)	A1 / A- A+	2.26 2.11
756109BE3	Realty Income Corp Callable Note Cont 9/1/2025 4.625% Due 11/1/2025	400,000.00	09/20/2022 4.64%	399,764.00 399,829.02	98.46 5.36%	393,852.40 4,625.00	1.07% (5,976.62)	A3 / A- NR	2.26 2.08
14913R3B1	Caterpillar Financial Service Note 4.8% Due 1/6/2026	370,000.00	01/20/2023 4.35%	374,554.70 373,756.15	99.83 4.88%	369,352.50 1,233.33	0.99% (4,403.65)	A2 / A A+	2.44 2.26
61747YET8	Morgan Stanley Callable Note Cont 7/17/2025 4.679% Due 7/17/2026	400,000.00	09/20/2022 5.60%	395,440.00 396,463.87	98.03 5.75%	392,112.40 727.84	1.05% (4,351.47)	A1 / A- A+	2.96 1.84
665859AW4	Northern Trust Company Callable Note Cont 4/10/2027 4% Due 5/10/2027	450,000.00	Various 3.99%	450,269.40 450,211.23	96.67 4.98%	434,993.85 4,050.00	1.18% (15,217.38)	A2 / A+ A+	3.78 3.42
91324PEG3	United Health Group Inc Callable Note Cont 4/15/2027 3.7% Due 5/15/2027	115,000.00	05/17/2022 3.69%	115,055.80 115,042.39	96.59 4.69%	111,083.46 898.28	0.30% (3,958.93)	A2 / A+ A	3.79 3.46
341081GN1	Florida Power and Light Callable Note Cont 3/15/2028 4.4% Due 5/15/2028	450,000.00	05/23/2023 4.59%	446,175.00 446,318.15	98.30 4.80%	442,353.15 4,015.00	1.20% (3,965.00)	Aa2 / A+ AA-	4.79 4.23
58933YBH7	Merck & Co Callable Note Cont 4/17/2028 4.05% Due 5/17/2028	110,000.00	05/08/2023 4.07%	109,910.90 109,914.61	98.37 4.43%	108,201.94 915.75	0.29% (1,712.67)	A1 / A+ NR	4.80 4.27
Total Corporate		10,500,000.00	3.60%	10,398,302.48 10,448,815.16	5.40%	10,218,832.59 81,559.00	27.65% (229,982.57)	A1 / A A+	1.78 1.62



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MONEY MARKET FUND									
31846V807	First American Treasury MMF Class Y	237,168.66	Various 4.86%	237,168.66 237,168.66	1.00 4.86%	237,168.66 0.00	0.64% 0.00	Aaa / AA+ AAA	0.00 0.00
Total Money Market Fund		237,168.66	4.86%	237,168.66	4.86%	237,168.66	0.64%	Aaa / AA+ AAA	0.00
SUPRANATIONAL									
4581X0EE4	Inter-American Dev Bank Note 3.25% Due 7/1/2024	365,000.00	06/22/2022 3.26%	364,963.50 364,983.27	97.93 5.59%	357,460.56 988.54	0.96% (7,522.71)	Aaa / AAA AAA	0.92 0.88
45950KDD9	International Finance Corp Note 4.5% Due 7/13/2028	340,000.00	07/06/2023 4.53%	339,622.60 339,626.52	100.74 4.33%	342,509.54 765.00	0.92% 2,883.02	Aaa / AAA NR	4.96 4.39
Total Supranational		705,000.00	3.87%	704,586.10 704,609.79	4.97%	699,970.10 1,753.54	1.88% (4,639.69)	Aaa / AAA AAA	2.89 2.60
US TREASURY									
91282CAW1	US Treasury Note 0.25% Due 11/15/2023	750,000.00	Various 2.62%	723,837.89 744,977.68	98.54 5.34%	739,072.50 397.41	1.99% (5,905.18)	Aaa / AA+ AAA	0.29 0.29
91282CBV2	US Treasury Note 0.375% Due 4/15/2024	750,000.00	Various 2.70%	717,480.47 738,088.57	96.55 5.41%	724,131.00 829.92	1.95% (13,957.57)	Aaa / AA+ AAA	0.71 0.69
91282CCG4	US Treasury Note 0.25% Due 6/15/2024	775,000.00	Various 2.92%	733,680.66 757,617.51	95.68 5.38%	741,487.45 248.81	1.99% (16,130.06)	Aaa / AA+ AAA	0.88 0.85
91282CCT6	US Treasury Note 0.375% Due 8/15/2024	750,000.00	Various 2.78%	711,445.31 731,903.68	94.98 5.39%	712,383.00 1,297.48	1.92% (19,520.68)	Aaa / AA+ AAA	1.04 1.01
91282CCX7	US Treasury Note 0.375% Due 9/15/2024	750,000.00	Various 2.83%	708,437.50 730,082.24	94.62 5.37%	709,658.25 1,062.33	1.91% (20,423.99)	Aaa / AA+ AAA	1.13 1.09
91282CDB4	US Treasury Note 0.625% Due 10/15/2024	750,000.00	Various 2.88%	711,455.08 730,381.29	94.56 5.33%	709,218.75 1,383.20	1.91% (21,162.54)	Aaa / AA+ AAA	1.21 1.17
91282CDH1	US Treasury Note 0.75% Due 11/15/2024	750,000.00	Various 2.93%	710,820.32 729,819.09	94.40 5.30%	707,988.00 1,192.26	1.90% (21,831.09)	Aaa / AA+ AAA	1.30 1.25



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US TREASURY									
91282CDN8	US Treasury Note 1% Due 12/15/2024	750,000.00	Various 3.13%	711,869.14 729,006.40	94.44 5.25%	708,281.26 963.12	1.90% (20,725.14)	Aaa / AA+ AAA	1.38 1.33
91282CDS7	US Treasury Note 1.125% Due 1/15/2025	775,000.00	Various 3.02%	737,794.93 754,630.61	94.33 5.22%	731,042.78 402.78	1.96% (23,587.83)	Aaa / AA+ AAA	1.46 1.41
91282CDZ1	US Treasury Note 1.5% Due 2/15/2025	750,000.00	Various 2.88%	723,125.00 734,723.84	94.63 5.17%	709,746.00 5,189.91	1.92% (24,977.84)	Aaa / AA+ AAA	1.55 1.48
91282CED9	US Treasury Note 1.75% Due 3/15/2025	750,000.00	Various 2.93%	726,035.16 736,310.10	94.81 5.12%	711,093.75 4,957.53	1.92% (25,216.35)	Aaa / AA+ AAA	1.62 1.56
91282CEH0	US Treasury Note 2.625% Due 4/15/2025	500,000.00	06/28/2022 3.23%	491,933.59 495,077.99	96.05 5.07%	480,254.00 3,872.95	1.30% (14,823.99)	Aaa / AA+ AAA	1.71 1.63
912828XB1	US Treasury Note 2.125% Due 5/15/2025	750,000.00	Various 3.09%	729,971.68 737,737.94	95.11 5.01%	713,291.26 3,378.05	1.92% (24,446.68)	Aaa / AA+ AAA	1.79 1.72
91282CEU1	US Treasury Note 2.875% Due 6/15/2025	670,000.00	06/28/2022 3.22%	663,457.03 665,863.78	96.27 4.98%	644,979.52 2,473.60	1.74% (20,884.26)	Aaa / AA+ AAA	1.88 1.79
91282CAB7	US Treasury Note 0.25% Due 7/31/2025	800,000.00	Various 3.08%	732,058.59 757,195.48	91.26 4.89%	730,062.40 5.44	1.96% (27,133.08)	Aaa / AA+ AAA	2.00 1.95
91282CFP1	US Treasury Note 4.25% Due 10/15/2025	600,000.00	10/18/2022 4.46%	596,554.69 597,457.03	98.85 4.80%	593,109.60 7,524.59	1.61% (4,347.43)	Aaa / AA+ AAA	2.21 2.06
91282CFW6	US Treasury Note 4.5% Due 11/15/2025	750,000.00	11/09/2022 4.55%	748,945.31 749,194.55	99.41 4.77%	745,605.75 7,153.53	2.02% (3,588.80)	Aaa / AA+ AAA	2.30 2.13
91282CBT7	US Treasury Note 0.75% Due 3/31/2026	750,000.00	Various 2.97%	690,097.65 708,389.71	90.54 4.56%	679,014.00 1,890.37	1.83% (29,375.71)	Aaa / AA+ AAA	2.67 2.58
91282CGT2	US Treasury Note 3.625% Due 3/31/2028	800,000.00	06/15/2023 3.96%	788,312.50 788,619.71	97.53 4.21%	780,250.40 9,745.90	2.12% (8,369.31)	Aaa / AA+ AAA	4.67 4.19
91282CHA2	US Treasury Note 3.5% Due 4/30/2028	400,000.00	05/23/2023 3.74%	395,640.63 395,807.46	97.00 4.20%	387,984.40 3,538.04	1.05% (7,823.06)	Aaa / AA+ AAA	4.75 4.28
Total US Treasury		14,320,000.00	3.17%	13,752,953.13 14,012,884.66	5.06%	13,658,654.07 57,507.22	36.82% (354,230.59)	Aaa / AA+ AAA	1.77 1.67
TOTAL PORTFOLIO		38,317,800.42	3.45%	37,468,607.57 37,849,228.17	5.19%	37,033,842.57 217,792.08	100.00% (815,385.60)	Aa2 / AA AAA	1.95 1.66
TOTAL MARKET VALUE PLUS ACCRUED						37,251,634.65			



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
FIXED INCOME						
00440EAS6	Chubb INA Holdings Inc Note 3.15% Due 03/15/2025	Various Various 450,000.00	446,227.44 0.00 0.00 446,415.16	4,173.75 0.00 5,355.00 1,181.25	187.72 0.00 187.72 1,368.97	1,368.97
023135CE4	Amazon.com Inc Note 3% Due 04/13/2025	Various Various 450,000.00	448,346.07 0.00 0.00 448,424.71	2,925.00 0.00 4,050.00 1,125.00	95.40 16.76 78.64 1,203.64	1,203.64
02582JIR2	American Express 2021-1 A 0.9% Due 11/15/2026	Various Various 386,000.00	374,271.92 0.00 0.00 374,994.72	154.40 289.50 154.40 289.50	722.80 0.00 722.80 1,012.30	1,012.30
02582JIT8	American Express Credit Trust 2022-2 A 3.39% Due 05/17/2027	05/17/2022 05/24/2022 235,000.00	234,967.29 0.00 0.00 234,968.77	354.07 663.88 354.07 663.88	1.48 0.00 1.48 665.36	665.36
02665WCT6	American Honda Finance Note 3.55% Due 01/12/2024	Various Various 400,000.00	401,616.30 0.00 0.00 401,359.35	6,666.11 7,100.00 749.44 1,183.33	0.00 256.95 (256.95) 926.38	926.38
037833CU2	Apple Inc Callable Note Cont 3/11/2024 2.85% Due 05/11/2024	06/22/2022 06/24/2022 450,000.00	448,576.31 0.00 0.00 448,716.42	1,781.25 0.00 2,850.00 1,068.75	140.11 0.00 140.11 1,208.86	1,208.86
05531FBH5	Truist Financial Corporation Callable Note Cont 7/1/2024 2.5% Due 08/01/2024	Various Various 400,000.00	397,614.60 0.00 0.00 397,800.87	4,166.67 0.00 5,000.00 833.33	186.27 0.00 186.27 1,019.60	1,019.60
05593AAC3	BMW Vehicle Lease Trust 2023-1 A3 5.16% Due 11/25/2025	02/07/2023 02/15/2023 50,000.00	49,999.02 0.00 0.00 49,999.07	43.00 215.00 43.00 215.00	0.05 0.00 0.05 215.05	215.05
06367TQW3	Bank of Montreal Note 0.625% Due 07/09/2024	04/27/2022 04/29/2022 425,000.00	414,202.50 0.00 0.00 415,097.48	1,269.10 1,328.13 162.33 221.36	894.98 0.00 894.98 1,116.34	1,116.34



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06406RBC0	Bank of NY Mellon Corp Callable Note Cont 3/25/2025 3.35% Due 04/25/2025	Various Various 400,000.00	400,546.72 0.00 0.00 400,519.93	2,456.66 0.00 3,573.34 1,116.68	0.44 27.23 (26.79) 1,089.89	1,089.89
14913R3B1	Caterpillar Financial Service Note 4.8% Due 01/06/2026	01/20/2023 01/24/2023 370,000.00	373,887.13 0.00 0.00 373,756.15	8,633.33 8,880.00 1,233.33 1,480.00	0.00 130.98 (130.98) 1,349.02	1,349.02
24422EVN6	John Deere Capital Corp Note 0.45% Due 01/17/2024	Various Various 400,000.00	395,267.13 0.00 0.00 396,000.73	820.00 900.00 70.00 150.00	733.60 0.00 733.60 883.60	883.60
26442UAA2	Duke Energy Progress LLC Callable Note Cont 5/15/25 3.25% Due 08/15/2025	Various Various 400,000.00	399,899.92 0.00 0.00 399,903.32	4,911.11 0.00 5,994.45 1,083.34	8.42 5.02 3.40 1,086.74	1,086.74
3130AAHE1	FHLB Note 2.5% Due 12/08/2023	04/07/2022 04/08/2022 150,000.00	150,041.85 0.00 0.00 150,033.74	239.58 0.00 552.08 312.50	0.00 8.11 (8.11) 304.39	304.39
3130ALEM2	FHLB Callable Note Qtrly 11/25/2025 0.79% Due 02/25/2026	05/12/2022 05/13/2022 400,000.00	378,413.29 0.00 0.00 379,103.18	1,106.00 0.00 1,369.33 263.33	689.89 0.00 689.89 953.22	953.22
3130APU29	FHLB Note 0.5% Due 11/09/2023	06/28/2022 06/29/2022 400,000.00	396,428.80 0.00 0.00 397,273.90	288.89 0.00 455.56 166.67	845.10 0.00 845.10 1,011.77	1,011.77
3130AQMR1	FHLB Callable Note Annual 1/27/2023 1.25% Due 01/27/2025	04/18/2022 04/19/2022 150,000.00	146,616.68 0.00 0.00 146,798.77	802.08 937.50 20.83 156.25	182.09 0.00 182.09 338.34	338.34
3130ASDS5	FHLB Note 2.75% Due 06/28/2024	06/28/2022 06/29/2022 500,000.00	497,772.27 0.00 0.00 497,962.52	114.58 0.00 1,260.42 1,145.84	190.25 0.00 190.25 1,336.09	1,336.09



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313383YJ4	FHLB Note 3.375% Due 09/08/2023	04/26/2022 04/27/2022 500,000.00	500,946.50 0.00 0.00 500,521.26	5,296.88 0.00 6,703.13 1,406.25	0.00 425.24 (425.24) 981.01	981.01
3133EJYL7	FFCB Note 2.8% Due 09/05/2023	04/07/2022 04/08/2022 95,000.00	95,088.23 0.00 0.00 95,046.79	857.11 0.00 1,078.78 221.67	0.00 41.44 (41.44) 180.23	180.23
3133EN4N7	FFCB Note 4.25% Due 12/20/2024	12/15/2022 12/20/2022 625,000.00	623,661.44 0.00 0.00 623,738.57	811.63 0.00 3,025.17 2,213.54	77.13 0.00 77.13 2,290.67	2,290.67
3133ENWP1	FFCB Note 2.625% Due 05/16/2024	05/10/2022 05/16/2022 270,000.00	269,840.44 0.00 0.00 269,855.90	885.94 0.00 1,476.56 590.62	15.46 0.00 15.46 606.08	606.08
3133ENYX2	FFCB Note 3.25% Due 06/17/2024	06/15/2022 06/17/2022 460,000.00	459,377.57 0.00 0.00 459,432.39	581.39 0.00 1,827.22 1,245.83	54.82 0.00 54.82 1,300.65	1,300.65
3133EPBJ3	FFCB Note 4.375% Due 02/23/2026	02/21/2023 02/23/2023 725,000.00	722,726.83 0.00 0.00 722,799.63	11,277.78 0.00 13,921.01 2,643.23	72.80 0.00 72.80 2,716.03	2,716.03
3133EPBM6	FFCB Note 4.125% Due 08/23/2027	02/21/2023 02/23/2023 750,000.00	746,251.88 0.00 0.00 746,328.63	11,000.00 0.00 13,578.13 2,578.13	76.75 0.00 76.75 2,654.88	2,654.88
3133EPCF0	FFCB Note 4.5% Due 03/02/2026	03/23/2023 03/24/2023 750,000.00	759,838.51 0.00 0.00 759,525.70	11,156.25 0.00 13,968.75 2,812.50	0.00 312.81 (312.81) 2,499.69	2,499.69
3133EPGW9	FFCB Note 3.875% Due 04/25/2028	04/24/2023 04/25/2023 800,000.00	803,868.72 0.00 0.00 803,800.58	5,683.33 0.00 8,266.67 2,583.34	0.00 68.14 (68.14) 2,515.20	2,515.20



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3135G05X7	FNMA Note 0.375% Due 08/25/2025	06/22/2022 06/23/2022 500,000.00	470,669.11 0.00 0.00 471,825.93	656.25 0.00 812.50 156.25	1,156.82 0.00 1,156.82 1,313.07	1,313.07
3137B5KW2	FHLMC K035 A2 3.458% Due 08/25/2023	04/29/2022 05/04/2022 66,460.34	196,277.72 0.00 129,605.00 66,491.75	564.99 564.99 191.52 191.52	0.00 180.97 (180.97) 10.55	10.55
3137BEVH4	FHLMC K040 A2 3.241% Due 09/25/2024	04/21/2022 04/26/2022 150,000.00	150,371.92 0.00 0.00 150,346.41	405.13 405.12 405.13 405.12	0.00 25.51 (25.51) 379.61	379.61
3137BFE98	FHLMC K041 A2 3.171% Due 10/25/2024	04/21/2022 04/26/2022 150,000.00	150,247.53 0.00 0.00 150,230.78	396.38 396.38 396.38 396.38	0.00 16.75 (16.75) 379.63	379.63
3137BFXT3	FHLMC K042 A2 2.67% Due 12/25/2024	06/22/2022 06/27/2022 450,000.00	444,780.96 0.00 0.00 445,092.69	200.25 1,001.25 200.25 1,001.25	311.73 0.00 311.73 1,312.98	1,312.98
3137BHCY1	FHLMC K044 A2 2.811% Due 01/25/2025	06/16/2022 06/22/2022 368,260.95	363,918.33 0.00 701.79 363,509.92	864.30 864.30 862.65 862.65	293.38 0.00 293.38 1,156.03	1,156.03
3137BM7C4	FHLMC K051 A2 3.308% Due 09/25/2025	05/18/2022 05/23/2022 400,000.00	401,345.68 0.00 0.00 401,293.08	1,102.67 1,102.67 1,102.67 1,102.67	0.00 52.60 (52.60) 1,050.07	1,050.07
3137BNGT5	FHLMC K054 A2 2.745% Due 01/25/2026	12/15/2022 12/20/2022 350,000.00	337,399.91 0.00 0.00 337,826.80	800.63 800.63 800.63 800.63	426.89 0.00 426.89 1,227.52	1,227.52
3137BTU25	FHLMC K724 A2 3.062% Due 11/25/2023	06/13/2022 06/16/2022 339,368.67	345,745.93 0.00 6,841.25 339,009.76	883.41 883.41 865.96 865.96	105.08 0.00 105.08 971.04	971.04



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3137F4WZ1	FHLMC K731 A2 3.6% Due 02/25/2025	05/03/2022 05/06/2022 363,465.41	366,526.03 0.00 652.42 365,741.04	1,092.35 1,092.35 1,090.40 1,090.40	0.00 132.57 (132.57) 957.83	957.83
3137FETN0	FHLMC K073 A2 3.35% Due 01/25/2028	07/10/2023 07/13/2023 130,000.00	0.00 123,083.59 0.00 123,162.90	0.00 (145.17) 72.58 (72.59)	79.31 0.00 79.31 6.72	6.72
341081GN1	Florida Power and Light Callable Note Cont 3/15/2028 4.4% Due 05/15/2028	05/23/2023 05/25/2023 450,000.00	446,252.89 0.00 0.00 446,318.15	2,365.00 0.00 4,015.00 1,650.00	65.26 0.00 65.26 1,715.26	1,715.26
362585AC5	GM Financial Securitized ART 2022-2 A3 3.1% Due 02/16/2027	04/05/2022 04/13/2022 40,000.00	39,994.60 0.00 0.00 39,994.81	51.67 103.33 51.67 103.33	0.21 0.00 0.21 103.54	103.54
36262XAC8	GM Financial Auto Lease Trust 2021-3 A2 0.39% Due 10/21/2024	05/04/2022 05/06/2022 69,069.66	80,737.64 0.00 12,532.83 68,449.42	9.72 26.52 8.23 25.03	244.61 0.00 244.61 269.64	269.64
36265WAD5	GM Financial Securitized Auto 2022-3 A3 3.64% Due 04/16/2027	07/06/2022 07/13/2022 55,000.00	54,999.74 0.00 0.00 54,999.75	83.42 166.83 83.42 166.83	0.01 0.00 0.01 166.84	166.84
36266FAC3	GM Financial Auto Lease Trust 2022-2 A3 3.42% Due 06/20/2025	05/03/2022 05/11/2022 130,000.00	129,993.48 0.00 0.00 129,994.01	135.85 370.50 135.85 370.50	0.53 0.00 0.53 371.03	371.03
437076CR1	Home Depot Callable Note Cont 8/15/2025 4% Due 09/15/2025	09/14/2022 09/19/2022 450,000.00	448,935.82 0.00 0.00 448,976.70	5,300.00 0.00 6,800.00 1,500.00	40.88 0.00 40.88 1,540.88	1,540.88
43813GAC5	Honda Auto Receivables Trust 2021-1 A3 0.27% Due 04/21/2025	Various Various 94,484.34	105,014.65 0.00 11,447.85 93,762.05	7.95 23.84 7.09 22.98	195.25 0.00 195.25 218.23	218.23



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43815JAC7	Honda Auto Receivables Owner 2023-1 A3 5.04% Due 04/21/2027	02/16/2023 02/24/2023 50,000.00	49,991.73 0.00 0.00 49,991.98	70.00 210.00 70.00 210.00	0.25 0.00 0.25 210.25	210.25
43815PAC3	Honda Auto Receivables 2022-2 A3 3.73% Due 07/20/2026	08/15/2022 08/24/2022 50,000.00	49,997.85 0.00 0.00 49,997.93	67.35 155.42 67.35 155.42	0.08 0.00 0.08 155.50	155.50
44933LAC7	Hyundai Auto Receivables Trust 2021-A A3 0.38% Due 09/15/2025	04/25/2022 04/27/2022 147,755.07	160,798.63 0.00 15,014.96 146,139.43	27.49 51.54 24.95 49.00	355.76 0.00 355.76 404.76	404.76
44934KAC8	Hyundai Auto Receivables Trust 2021-B A3 0.38% Due 01/15/2026	05/19/2022 05/23/2022 29,120.78	30,790.80 0.00 2,298.41 28,579.21	5.31 9.95 4.92 9.56	86.82 0.00 86.82 96.38	96.38
4581X0EE4	Inter-American Dev Bank Note 3.25% Due 07/01/2024	06/22/2022 07/01/2022 365,000.00	364,981.73 0.00 0.00 364,983.27	5,931.25 5,931.25 988.54 988.54	1.54 0.00 1.54 990.08	990.08
45950KDD9	International Finance Corp Note 4.5% Due 07/13/2028	07/06/2023 07/13/2023 340,000.00	0.00 339,622.60 0.00 339,626.52	0.00 0.00 765.00 765.00	3.92 0.00 3.92 768.92	768.92
46647PCH7	JP Morgan Chase & Co Callable Note Cont 6/1/2024 0.824% Due 06/01/2025	Various Various 400,000.00	386,761.91 0.00 0.00 387,347.33	274.67 0.00 549.33 274.66	585.42 0.00 585.42 860.08	860.08
47789QAC4	John Deere Owner Trust 2021-B A3 0.52% Due 03/16/2026	05/02/2022 05/03/2022 97,587.11	98,934.08 0.00 4,527.46 94,698.87	23.60 44.25 22.55 43.20	292.25 0.00 292.25 335.45	335.45
47800AAC4	John Deere Owner Trust 2022-B A3 3.74% Due 02/16/2027	07/12/2022 07/20/2022 115,000.00	114,991.93 0.00 0.00 114,992.19	191.16 358.42 191.16 358.42	0.26 0.00 0.26 358.68	358.68



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47800BAC2	John Deere Owner Trust 2022-C A3 5.09% Due 06/15/2027	10/12/2022 10/19/2022 210,000.00	209,986.81 0.00 0.00 209,987.19	475.07 890.75 475.07 890.75	0.38 0.00 0.38 891.13	891.13
58770AAC7	Mercedes-Benz Auto Receivable 2023-1 A3 4.51% Due 11/15/2027	01/18/2023 01/25/2023 125,000.00	124,986.86 0.00 0.00 124,987.23	250.56 469.79 250.56 469.79	0.37 0.00 0.37 470.16	470.16
58933YBH7	Merck & Co Callable Note Cont 4/17/2028 4.05% Due 05/17/2028	05/08/2023 05/17/2023 110,000.00	109,913.09 0.00 0.00 109,914.61	544.50 0.00 915.75 371.25	1.52 0.00 1.52 372.77	372.77
61747YET8	Morgan Stanley Callable Note Cont 7/17/2025 4.679% Due 07/17/2026	09/20/2022 09/22/2022 400,000.00	396,362.47 0.00 0.00 396,463.87	8,526.18 9,358.00 727.84 1,559.66	101.40 0.00 101.40 1,661.06	1,661.06
637432NG6	National Rural Utilities Callable Note Cont 8/1/2025 3.25% Due 11/01/2025	04/14/2022 04/19/2022 60,000.00	59,920.68 0.00 0.00 59,923.56	325.00 0.00 487.50 162.50	2.88 0.00 2.88 165.38	165.38
637432NL5	National Rural Utilities Callable Note Cont 12/7/2023 2.95% Due 02/07/2024	04/06/2022 04/08/2022 150,000.00	150,115.33 0.00 0.00 150,092.84	1,770.00 0.00 2,138.75 368.75	0.00 22.49 (22.49) 346.26	346.26
63743HFE7	National Rural Utilities Note 3.45% Due 06/15/2025	04/27/2022 05/04/2022 60,000.00	59,989.82 0.00 0.00 59,990.26	92.00 0.00 264.50 172.50	0.44 0.00 0.44 172.94	172.94
63743HFF4	National Rural Utilities Note 5.45% Due 10/30/2025	10/20/2022 10/31/2022 145,000.00	144,848.82 0.00 0.00 144,854.32	1,339.03 0.00 1,997.58 658.55	5.50 0.00 5.50 664.05	664.05
665859AW4	Northern Trust Company Callable Note Cont 4/10/2027 4% Due 05/10/2027	Various Various 450,000.00	450,216.16 0.00 0.00 450,211.23	2,550.00 0.00 4,050.00 1,500.00	3.58 8.51 (4.93) 1,495.07	1,495.07



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693475AY1	PNC Financial Services Callable Note Cont 10/2/2024 2.2% Due 11/01/2024	04/11/2022 04/13/2022 150,000.00	148,488.97 0.00 0.00 148,584.77	550.00 0.00 825.00 275.00	95.80 0.00 95.80 370.80	370.80
69371RR73	Paccar Financial Corp Note 2.85% Due 04/07/2025	03/31/2022 04/07/2022 120,000.00	119,981.61 0.00 0.00 119,982.49	798.00 0.00 1,083.00 285.00	0.88 0.00 0.88 285.88	285.88
69371RR81	Paccar Financial Corp Note 3.15% Due 06/13/2024	06/06/2022 06/13/2022 290,000.00	289,968.25 0.00 0.00 289,971.08	456.75 0.00 1,218.00 761.25	2.83 0.00 2.83 764.08	764.08
747525AT0	Qualcomm Inc Callable Note Cont 3/20/2024 2.9% Due 05/20/2024	Various Various 400,000.00	400,492.93 0.00 0.00 400,434.83	1,321.11 0.00 2,287.78 966.67	0.00 58.10 (58.10) 908.57	908.57
756109BE3	Realty Income Corp Callable Note Cont 9/1/2025 4.625% Due 11/01/2025	09/20/2022 09/22/2022 400,000.00	399,822.58 0.00 0.00 399,829.02	3,083.33 0.00 4,625.00 1,541.67	6.44 0.00 6.44 1,548.11	1,548.11
78016EZ59	Royal Bank of Canada Note 3.375% Due 04/14/2025	Various Various 400,000.00	398,198.31 0.00 0.00 398,283.84	2,887.50 0.00 4,012.50 1,125.00	85.53 0.00 85.53 1,210.53	1,210.53
79466LAG9	Salesforce.com Inc Callable Note Cont 7/15/2022 0.625% Due 07/15/2024	Various Various 375,000.00	366,134.76 0.00 0.00 366,857.97	1,080.73 1,171.88 104.17 195.32	723.21 0.00 723.21 918.53	918.53
808513AX3	Charles Schwab Corp Callable Note Cont 3/21/2025 3.85% Due 05/21/2025	06/22/2022 06/24/2022 450,000.00	450,353.13 0.00 0.00 450,335.73	1,925.00 0.00 3,368.75 1,443.75	0.00 17.40 (17.40) 1,426.35	1,426.35
89114QCB2	Toronto Dominion Bank Note 3.25% Due 03/11/2024	Various Various 400,000.00	400,601.17 0.00 0.00 400,527.80	3,972.22 0.00 5,055.55 1,083.33	0.00 73.37 (73.37) 1,009.96	1,009.96



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
89231CAD9	Toyota Auto Receivables Owner 2022-C A3 3.76% Due 04/15/2027	08/08/2022 08/16/2022 140,000.00	139,982.74 0.00 0.00 139,983.34	233.96 438.67 233.96 438.67	0.60 0.00 0.60 439.27	439.27
89236TJT3	Toyota Motor Credit Corp Note 1.45% Due 01/13/2025	04/18/2022 04/20/2022 150,000.00	146,585.81 0.00 0.00 146,774.14	1,015.00 1,087.50 108.75 181.25	188.33 0.00 188.33 369.58	369.58
89236TKF1	Toyota Motor Credit Corp Note 3.65% Due 08/18/2025	08/15/2022 08/18/2022 180,000.00	179,884.86 0.00 0.00 179,889.44	2,427.25 0.00 2,974.75 547.50	4.58 0.00 4.58 552.08	552.08
89238FAD5	Toyota Auto Receivables OT 2022-B A3 2.93% Due 09/15/2026	Various Various 209,000.00	208,055.44 0.00 0.00 208,094.74	272.16 510.31 272.16 510.31	39.30 0.00 39.30 549.61	549.61
89238JAC9	Toyota Auto Receivables Trust 2021-D A3 0.71% Due 04/15/2026	12/14/2022 12/16/2022 40,059.43	39,206.04 0.00 940.57 38,397.94	12.94 24.26 12.64 23.96	132.47 0.00 132.47 156.43	156.43
91159HHV5	US Bancorp Callable Note Cont 1/5/2024 3.375% Due 02/05/2024	04/20/2022 04/22/2022 150,000.00	150,315.95 0.00 0.00 150,263.85	2,053.13 0.00 2,475.00 421.87	0.00 52.10 (52.10) 369.77	369.77
912828XB1	US Treasury Note 2.125% Due 05/15/2025	Various Various 750,000.00	737,155.82 0.00 0.00 737,737.94	2,035.50 0.00 3,378.05 1,342.55	582.12 0.00 582.12 1,924.67	1,924.67
91282CAB7	US Treasury Note 0.25% Due 07/31/2025	Various Various 800,000.00	755,377.75 0.00 0.00 757,195.48	834.26 1,000.00 5.44 171.18	1,817.73 0.00 1,817.73 1,988.91	1,988.91
91282CAP6	US Treasury Note Due 10/15/2023	05/04/2022 05/05/2022 0.00	218,448.99 0.00 218,595.31 0.00	57.86 65.37 0.00 7.51	146.32 0.00 146.32 153.83	153.83

Income Earned

As of July 31, 2023



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CAW1	US Treasury Note 0.25% Due 11/15/2023	Various Various 750,000.00	743,508.87 0.00 0.00 744,977.68	239.46 0.00 397.41 157.95	1,468.81 0.00 1,468.81 1,626.76	1,626.76
91282CBT7	US Treasury Note 0.75% Due 03/31/2026	Various Various 750,000.00	707,064.00 0.00 0.00 708,389.71	1,413.93 0.00 1,890.37 476.44	1,325.71 0.00 1,325.71 1,802.15	1,802.15
91282CBV2	US Treasury Note 0.375% Due 04/15/2024	Various Various 750,000.00	736,657.37 0.00 0.00 738,088.57	591.69 0.00 829.92 238.23	1,431.20 0.00 1,431.20 1,669.43	1,669.43
91282CCG4	US Treasury Note 0.25% Due 06/15/2024	Various Various 775,000.00	755,928.30 0.00 0.00 757,617.51	84.69 0.00 248.81 164.12	1,689.21 0.00 1,689.21 1,853.33	1,853.33
91282CCT6	US Treasury Note 0.375% Due 08/15/2024	Various Various 750,000.00	730,427.41 0.00 0.00 731,903.68	1,056.63 0.00 1,297.48 240.85	1,476.27 0.00 1,476.27 1,717.12	1,717.12
91282CCX7	US Treasury Note 0.375% Due 09/15/2024	Various Various 750,000.00	728,579.92 0.00 0.00 730,082.24	825.42 0.00 1,062.33 236.91	1,502.32 0.00 1,502.32 1,739.23	1,739.23
91282CDB4	US Treasury Note 0.625% Due 10/15/2024	Various Various 750,000.00	729,002.20 0.00 0.00 730,381.29	986.17 0.00 1,383.20 397.03	1,379.09 0.00 1,379.09 1,776.12	1,776.12
91282CDH1	US Treasury Note 0.75% Due 11/15/2024	Various Various 750,000.00	728,493.66 0.00 0.00 729,819.09	718.41 0.00 1,192.26 473.85	1,325.43 0.00 1,325.43 1,799.28	1,799.28
91282CDN8	US Treasury Note 1% Due 12/15/2024	Various Various 750,000.00	727,709.98 0.00 0.00 729,006.40	327.87 0.00 963.12 635.25	1,296.42 0.00 1,296.42 1,931.67	1,931.67



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CDS7	US Treasury Note 1.125% Due 01/15/2025	Various Various 775,000.00	753,445.90 0.00 0.00 754,630.61	4,022.19 4,359.38 402.78 739.97	1,184.71 0.00 1,184.71 1,924.68	1,924.68
91282CDZ1	US Treasury Note 1.5% Due 02/15/2025	Various Various 750,000.00	733,884.19 0.00 0.00 734,723.84	4,226.52 0.00 5,189.91 963.39	839.65 0.00 839.65 1,803.04	1,803.04
91282CED9	US Treasury Note 1.75% Due 03/15/2025	Various Various 750,000.00	735,593.23 0.00 0.00 736,310.10	3,851.91 0.00 4,957.53 1,105.62	716.87 0.00 716.87 1,822.49	1,822.49
91282CEH0	US Treasury Note 2.625% Due 04/15/2025	06/28/2022 06/29/2022 500,000.00	494,833.07 0.00 0.00 495,077.99	2,761.27 0.00 3,872.95 1,111.68	244.92 0.00 244.92 1,356.60	1,356.60
91282CEU1	US Treasury Note 2.875% Due 06/15/2025	06/28/2022 06/29/2022 670,000.00	665,676.32 0.00 0.00 665,863.78	842.08 0.00 2,473.60 1,631.52	187.46 0.00 187.46 1,818.98	1,818.98
91282CFP1	US Treasury Note 4.25% Due 10/15/2025	10/18/2022 10/19/2022 600,000.00	597,359.23 0.00 0.00 597,457.03	5,364.75 0.00 7,524.59 2,159.84	97.80 0.00 97.80 2,257.64	2,257.64
91282CFW6	US Treasury Note 4.5% Due 11/15/2025	11/09/2022 11/15/2022 750,000.00	749,164.72 0.00 0.00 749,194.55	4,310.46 0.00 7,153.53 2,843.07	29.83 0.00 29.83 2,872.90	2,872.90
91282CGT2	US Treasury Note 3.625% Due 03/31/2028	06/15/2023 06/16/2023 800,000.00	788,412.68 0.00 0.00 788,619.71	7,289.62 0.00 9,745.90 2,456.28	207.03 0.00 207.03 2,663.31	2,663.31
91282CHA2	US Treasury Note 3.5% Due 04/30/2028	05/23/2023 05/24/2023 400,000.00	395,732.51 0.00 0.00 395,807.46	2,358.70 0.00 3,538.04 1,179.34	74.95 0.00 74.95 1,254.29	1,254.29



CUSIP	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91324PEG3	United Health Group Inc Callable Note Cont 4/15/2027 3.7% Due 05/15/2027	05/17/2022 05/20/2022 115,000.00	115,043.34 0.00 0.00 115,042.39	543.69 0.00 898.28 354.59	0.23 1.18 (0.95) 353.64	353.64
92348KAA1	Verizon Master Trust 2021-1 A 0.5% Due 05/20/2027	10/21/2022 10/25/2022 300,000.00	285,225.27 0.00 0.00 285,988.63	45.83 125.00 45.83 125.00	763.36 0.00 763.36 888.36	888.36
92348KAV5	Verizon Master Trust 2022-5 A1A 3.72% Due 07/20/2027	08/02/2022 08/11/2022 140,000.00	139,995.81 0.00 0.00 139,996.00	159.13 434.00 159.13 434.00	0.19 0.00 0.19 434.19	434.19
931142EW9	Wal-Mart Stores Note 3.9% Due 09/09/2025	09/06/2022 09/09/2022 100,000.00	99,948.84 0.00 0.00 99,950.82	1,213.33 0.00 1,538.33 325.00	1.98 0.00 1.98 326.98	326.98
			37,523,837.93	194,089.48	30,607.47	
			462,706.19	54,666.70	1,934.23	
			403,157.85	217,792.08	28,673.24	
Total Fixed Income		38,080,631.76	37,612,059.51	78,369.30	107,042.54	107,042.54
CASH & EQUIVALENT						
31846V807	First American Treasury MMF Class Y	Various Various 237,168.66	246,188.77 117,384.04 126,404.15 237,168.66	0.00 554.10 0.00 554.10	0.00 0.00 0.00 554.10	554.10
			246,188.77	0.00	0.00	
			117,384.04	554.10	0.00	
			126,404.15	0.00	0.00	
Total Cash & Equivalent		237,168.66	237,168.66	554.10	554.10	554.10
			37,770,026.70	194,089.48	30,607.47	
			580,090.23	55,220.80	1,934.23	
			529,562.00	217,792.08	28,673.24	
TOTAL PORTFOLIO		38,317,800.42	37,849,228.17	78,923.40	107,596.64	107,596.64

Accounts Payable

Checks by Date - Detail by Check Date

User: wclayton
 Printed: 8/29/2023 3:07 PM

Beaumont-Cherry Valley Water District

560 Magnolia Avenue
 Beaumont CA 92223
 (951) 845-9581
 www.bcvwd.org



Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14221	UB*05349	Freddy Arzeta Refund Check	07/26/2023	135.54
Total for Check Number 14221:				135.54
14222	UB*05335	City Of Beaumont Refund Check Refund Check	07/26/2023	86.94 24.66
Total for Check Number 14222:				111.60
14223	UB*05336	City Of Beaumont Refund Check Refund Check Refund Check	07/26/2023	175.12 651.07 208.74
Total for Check Number 14223:				1,034.93
14224	UB*05337	City Of Beaumont Refund Check Refund Check	07/26/2023	34.86 33.57
Total for Check Number 14224:				68.43
14225	UB*05338	City Of Beaumont Refund Check	07/26/2023	36.57
Total for Check Number 14225:				36.57
14226	UB*05339	City Of Beaumont Refund Check Refund Check	07/26/2023	2.86 3.78
Total for Check Number 14226:				6.64
14227	UB*05340	City Of Beaumont Refund Check Refund Check Refund Check	07/26/2023	396.76 371.28 3,062.80
Total for Check Number 14227:				3,830.84
14228	UB*05341	City Of Beaumont Refund Check Refund Check	07/26/2023	107.52 289.76
Total for Check Number 14228:				397.28
14229	UB*05342	City Of Beaumont Refund Check Refund Check Refund Check	07/26/2023	102.06 25.92 193.29
Total for Check Number 14229:				321.27

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14230	UB*05343	City Of Beaumont Refund Check Refund Check Refund Check	07/26/2023	341.28 403.92 199.08
Total for Check Number 14230:				944.28
14231	UB*05344	City Of Beaumont Refund Check Refund Check Refund Check Refund Check Refund Check	07/26/2023	136.70 77.76 37.05 45.36 417.20
Total for Check Number 14231:				714.07
14232	UB*05357	DR Horton Refund Check	07/26/2023	22.89
Total for Check Number 14232:				22.89
14233	UB*05355	Ryan Gardea Refund Check	07/26/2023	205.73
Total for Check Number 14233:				205.73
14234	UB*05348	Jeffery Heston Refund Check	07/26/2023	100.00
Total for Check Number 14234:				100.00
14235	UB*05354	Horne LLP Refund Check Refund Check Refund Check Refund Check Refund Check	07/26/2023	38.19 22.28 28.36 101.29 20.47
Total for Check Number 14235:				210.59
14236	UB*05358	Darrell Shevlin or James Shevlin Refund Check	07/26/2023	104.30
Total for Check Number 14236:				104.30
14237	UB*05356	Danny Lai Refund Check Refund Check Refund Check Refund Check Refund Check	07/26/2023	86.12 1.42 2.43 2.61 1.78
Total for Check Number 14237:				94.36
14238	UB*05353	Vanessa Luna Refund Check	07/26/2023	56.25
Total for Check Number 14238:				56.25
14239	UB*05350	Jerry Medina Refund Check Refund Check Refund Check Refund Check	07/26/2023	6.07 89.81 10.41 10.42
Total for Check Number 14239:				116.71

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14240	UB*05346	Cindy Mendoza Refund Check Refund Check Refund Check Refund Check Refund Check	07/26/2023	40.15 17.64 18.18 13.12 30.24 13.44
Total for Check Number 14240:				132.77
14241	UB*05345	Kenneth Morrison Refund Check	07/26/2023	149.88
Total for Check Number 14241:				149.88
14242	UB*05347	Carmen Myerscough Refund Check	07/26/2023	138.55
Total for Check Number 14242:				138.55
14243	UB*05351	Monica Garcia or Manuel Barrios Refund Check Refund Check Refund Check Refund Check	07/26/2023	114.45 11.91 13.56 6.94
Total for Check Number 14243:				146.86
14244	UB*05352	Laura Ruano Refund Check Refund Check Refund Check Refund Check Refund Check Refund Check	07/26/2023	45.48 35.84 25.43 63.46 18.35 61.44
Total for Check Number 14244:				250.00
14245	UB*05321	Zigman Shields Gen Cont Refund Check Refund Check Refund Check Refund Check	07/26/2023	16.09 32.40 52.13 9.38
Total for Check Number 14245:				110.00
14246	10792 08012023	A-1 Financial Services Aug 2023 Rent - 851 E. 6th St Eng Office	07/26/2023	2,480.00
Total for Check Number 14246:				2,480.00
14247	10695	B-81 Paving Inc 1 Service Line Repair - Cherry Valley 3 Service Line Repairs - City of Beaumont 4 Service Line Repairs - Cherry Valley 2 Main Line Repairs - City of Beaumont - Non Moratorium New Service Line - Cherry Valley 2 Service Line Repairs - City of Beaumont 3 Main Line Repairs - Cherry Valley New Service Line - City of Beaumont	07/26/2023	1,534.50 34,011.75 7,491.00 3,894.00 6,367.50 15,939.00 6,880.50 10,245.00
Total for Check Number 14247:				86,363.25

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14248	10382 3324	Beaumont Power Equipment Inc Air Filter Covers - Weed Trimmers	07/26/2023	51.69
Total for Check Number 14248:				51.69
14249	10929 1263	Brent Billingsley (ICS) (96) 60lb Buckets of Accu-Tab Chlorine Tablets	07/26/2023	18,480.00
Total for Check Number 14249:				18,480.00
14250	10822 30914898 30914898 30914898 30914898 30914899 30914899	Canon Financial Services, Inc Meter Usage - 06/01-06/30/2023 Contract Charge - 07/01-07/31/2023 - 560 Magnolia Ave Meter Usage - 06/01-06/30/2023 Contract Charge - 07/01-07/31/2023 - 851 E 6th St Contract Charge - 07/01-07/31/2023 - 12th/Palm Meter Usage - 06/01-06/30/2023	07/26/2023	159.58 329.33 1,497.29 238.56 235.78 248.12
Total for Check Number 14250:				2,708.66
14251	10249 JP74320	CDW Government LLC 3 New Work Stations - CIP IT-NETW-006	07/26/2023	8,856.51
Total for Check Number 14251:				8,856.51
14252	10614 43159 43159 43227 43227	Cherry Valley Automotive Labor - 4 Tires - Unit 33/OD 77,694 4 Tires - Unit 33/OD 77,694 Labor - Oil/Filter - Unit 49/OD 12,016 Oil/Filter - Unit 49/OD 12,016	07/26/2023	80.00 963.33 22.00 32.75
Total for Check Number 14252:				1,098.08
14253	10016 261701 May-Jun	City of Beaumont Monthly Sewer Charges 05/01-07/01/2023	07/26/2023	539.06
Total for Check Number 14253:				539.06
14254	10112 873532 873532	Cla-Val Guage - Tukwet PRV Station Labor/Travel - Tukwet PRV Station Start Up	07/26/2023	92.30 644.80
Total for Check Number 14254:				737.10
14255	10244 07242023	Fiserv Inc NSF Fee - 1113955898	07/26/2023	102.46
Total for Check Number 14255:				102.46
14256	10303 9765536371	Grainger Inc Solenoid Valve for Hannon Tank Cla-Valve Repairs	07/26/2023	252.80
Total for Check Number 14256:				252.80
14257	10026 595691	McCrometer Inc Well 23 Meter Repairs	07/26/2023	1,774.80
Total for Check Number 14257:				1,774.80
14258	11065 Op#56040 D3	Justin Petruescu D3 Certification Exam Reimbursement - J Petruescu Op# 56040	07/26/2023	100.00
Total for Check Number 14258:				100.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14259	11142 IN-305270	Pro-Vigil Inc Monitoring Program August 2023	07/26/2023	1,500.00
Total for Check Number 14259:				1,500.00
14260	10095 202306000339	Riverside County Dept of Waste Resources Trash Removal from Taylor Yard - June 2023	07/26/2023	6.49
Total for Check Number 14260:				6.49
14261	10689 224019	Safety Compliance Company Safety Meeting - First Aid - 07/05/2023	07/26/2023	250.00
Total for Check Number 14261:				250.00
14262	10911 N5334	The Prizm Group Final Recordation of Survey Map - NCRF Ph I Fencing Project	07/26/2023	327.50
Total for Check Number 14262:				327.50
14263	10063 01309138 01314688 01316021 01317308 01319696	The Record Gazette Notice Inviting Bids - 5th St Pipeline Replacement Project NEPA Notice - Noble Tank No 2 Notice MND - 2020-2021 Replacement Pipeline Project Notice Inviting Bids - 2023 Pipeline Replacement Project Credit - RFP - OPEB Actuarial Services	07/26/2023	787.60 998.00 512.60 284.22 -723.83
Total for Check Number 14263:				1,858.59
14264	10824 166026726 166185601 166185601 166335384 166335384 166335384 166335384	U-Line Poly Bags - Public Outreach Utility Cart for Warehouse Battery Powered Pallet Jack for Warehouse (25) Hydration Packs - Field Staff (6) Igloo Wire Racks w/Straps (6) Cooling Bandanas-Field Staff (25) Cooling Towels - Field Staff	07/26/2023	49.87 159.18 3,229.25 2,305.29 446.08 19.40 269.38
Total for Check Number 14264:				6,478.45
14265	10421 73716356 73716356	Vulcan Materials Company Asphalt Temp for Main Lines Asphalt Temp for Service Lines	07/26/2023	1,275.68 1,275.67
Total for Check Number 14265:				2,551.35
Total for 7/26/2023:				145,957.13
ACH	10138 HW201 Jul 2023	ARCO Business Solutions ARCO Fuel Charges 07/18-07/24/2023	07/27/2023	2,646.57
Total for this ACH Check for Vendor 10138:				2,646.57
ACH	10273 S781413 S782556 S782556 S782556 S782556	Inland Water Works Supply Co. Adapter MIP X CTS COMP 1 (10) Solar Kits for CCU and Repeaters (10) 144" Power Cables (10) 900 MHz 5 dBi Gain Antenna w/Mounting Hardware (10) Universal Mount Kits	07/27/2023	452.44 35,826.88 1,400.75 5,333.62 1,616.25
Total for this ACH Check for Vendor 10273:				44,629.94

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	10709	Core & Main LP	07/27/2023	
	T108545	Blue Upside Down Paint		201.19
	T108545	Adapter MIP X IPS COMP 2		514.03
	T162580	Materials - 2022-2023 Service Lateral Replacement Project		303.79
	T233758	Materials - 2022-2023 Service Lateral Replacement Project		133.82
Total for this ACH Check for Vendor 10709:				1,152.83
ACH	10502	Financial Reporting/Accounting CalPERS	07/27/2023	
	100000017214337	Prepaid 2023/2024 Annual Unfunded Accrued Liability Classic 3922		209,655.00
Total for this ACH Check for Vendor 10502:				209,655.00
Total for 7/27/2023:				258,084.34
ACH	10138	ARCO Business Solutions	08/03/2023	
	HW201 Jul 2023	ARCO Fuel Charges 07/25-07/31/2023		3,588.25
Total for this ACH Check for Vendor 10138:				3,588.25
ACH	10085	CalPERS Retirement System	08/03/2023	
	1002423543	PR Batch 00001.08.2023 CalPERS ER Paid Classic Retro		295.96
	1002423543	PR Batch 00001.08.2023 CalPERS 8% ER Paid		1,065.22
	1002423543	PR Batch 00001.08.2023 CalPERS 7% EE Deduction		1,301.38
	1002423543	PR Batch 00001.08.2023 CalPERS 8% EE Paid		2,110.80
	1002423543	PR Batch 00001.08.2023 CalPERS ER PEPRA		6,496.99
	1002423543	PR Batch 00001.08.2023 CalPERS 8.25% EE PEPRA		6,320.73
	1002423543	PR Batch 00001.08.2023 CalPERS 8% EE Paid Retro		134.91
	1002423543	PR Batch 00001.08.2023 CalPERS ER PEPRA Retro		91.69
	1002423543	PR Batch 00001.08.2023 CalPERS 1% ER Paid		185.90
	1002423543	PR Batch 00001.08.2023 CalPERS 8.25% EE PEPRA Retro		89.20
	1002423543	PR Batch 00001.08.2023 CalPERS ER Paid Classic		10,230.12
	1002423543	PR Batch 00001.08.2023 CalPERS ER PEPRA FY Correction Retro		-14.51
Total for this ACH Check for Vendor 10085:				28,308.39
ACH	10087	EDD	08/03/2023	
	0-429-094-880	PR Batch 00001.08.2023 State Income Tax		74.77
	0-429-094-880	PR Batch 00001.08.2023 CA SDI		26.49
	0-429-094-880	PR Batch 00001.08.2023 CA SDI		1,236.98
	0-429-094-880	PR Batch 00001.08.2023 State Income Tax		5,953.67
	1-547-794-400	2nd Quarter UI Claim		306.00
Total for this ACH Check for Vendor 10087:				7,597.91
ACH	10094	U.S. Treasury	08/03/2023	
	270361562602033	PR Batch 00001.08.2023 FICA Employee Portion		182.86
	270361562602033	PR Batch 00001.08.2023 FICA Employer Portion		9,235.03
	270361562602033	PR Batch 00001.08.2023 FICA Employee Portion		9,235.03
	270361562602033	PR Batch 00001.08.2023 Medicare Employee Portion		42.76
	270361562602033	PR Batch 00001.08.2023 Medicare Employee Portion		2,159.79
	270361562602033	PR Batch 00001.08.2023 Federal Income Tax		14,743.27
	270361562602033	PR Batch 00001.08.2023 FICA Employer Portion		182.86
	270361562602033	PR Batch 00001.08.2023 Medicare Employer Portion		2,159.79
	270361562602033	PR Batch 00001.08.2023 Medicare Employer Portion		42.76
	270361562602033	PR Batch 00001.08.2023 Federal Income Tax		121.94
Total for this ACH Check for Vendor 10094:				38,106.09
ACH	10141	Ca State Disbursement Unit	08/03/2023	
	44640508	PR Batch 00001.08.2023 Garnishment		379.84
	44940498	PR Batch 00001.08.2023 Garnishment		288.46
Total for this ACH Check for Vendor 10141:				668.30

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	10203 VB1450PP16 2023	Voya Financial PR Batch 00001.08.2023 Deferred Comp	08/03/2023	450.00
Total for this ACH Check for Vendor 10203:				450.00
ACH	10264 1002423546 1002423546 1002423546 1002423546	CalPERS Supplemental Income Plans PR Batch 00001.08.2023 CalPERS 457 % PR Batch 00001.08.2023 CalPERS 457 PR Batch 00001.08.2023 ROTH-Post-Tax PR Batch 00001.08.2023 100% Contribution	08/03/2023	209.15 1,603.58 791.84 263.20
Total for this ACH Check for Vendor 10264:				2,867.77
ACH	10984 1690916863486	MidAmerica Administrative & Retirement Solutions PR Batch 00001.08.2023 401(a) Deferred Comp	08/03/2023	1,085.41
Total for this ACH Check for Vendor 10984:				1,085.41
ACH	11152 711923	Sterling Health Services, Inc PR Batch 00001.08.2023 Flexible Spending Account (PT)	08/03/2023	811.25
Total for this ACH Check for Vendor 11152:				811.25
ACH	11195 1-219-647-776	Taxation & Revenue New Mexico PR Batch 00001.08.2023 New Mexico State Tax	08/03/2023	195.81
Total for this ACH Check for Vendor 11195:				195.81
2141	11155 2023-8	CICCS PR Batch 00001.08.2023 Emp Assistance Program	08/03/2023	87.42
Total for Check Number 2141:				87.42
2142	10387 PP16 2023	Franchise Tax Board PR Batch 00001.08.2023 Garnishment FTB	08/03/2023	109.03
Total for Check Number 2142:				109.03
Total for 8/3/2023:				83,875.63
ACH	10138 HW201 Aug 2023	ARCO Business Solutions ARCO Fuel Charges 08/01-08/07/2023	08/10/2023	2,650.32
Total for this ACH Check for Vendor 10138:				2,650.32
ACH	10288 147647844 147647844 147647844 147647844 147647844 147647844 147647853 147647853	CalPERS Health Fiscal Services Division Retired Employees Health Ins Aug 2023 Active Employees Health Ins Aug 2023 Admin Fee for Health Ins Aug 2023 Correction to Retiree Credit June 2023 Admin Fee for Retired Emp Health Ins Aug 2023 Correction to Retiree Credit June 2023 Admin Fee Non CalPers Member Health Ins Aug 2023 Active Non CalPers Member Health Ins Aug 2023	08/10/2023	2,838.25 71,389.19 228.45 1,476.58 19.76 -1,476.58 6.28 1,962.06
Total for this ACH Check for Vendor 10288:				76,443.99
ACH	10894 0001635970	Liberty Dental Plan Liberty Dental - Aug 2023	08/10/2023	299.88
Total for this ACH Check for Vendor 10894:				299.88

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	10901 255804 48536	Ameritas Life Insurance Corp. Ameritas Dental Aug 2023 Ameritas Vision Aug 2023	08/10/2023	2,558.04 485.36
Total for this ACH Check for Vendor 10901:				3,043.40
ACH	10902 53743680713586	Colonial Life Col Life Premiums July 2023	08/10/2023	5,865.24
Total for this ACH Check for Vendor 10902:				5,865.24
ACH	10903 4579369574	The Lincoln National Life Insurance Company Life & ADD EE/ER Insurance Aug 2023	08/10/2023	782.81
Total for this ACH Check for Vendor 10903:				782.81
ACH	10087 0-640-233-440 0-640-233-440	EDD PR Batch 00002.08.2023 State Income Tax PR Batch 00002.08.2023 CA SDI	08/10/2023	46.14 14.00
Total for this ACH Check for Vendor 10087:				60.14
ACH	10094 270362382782994 270362382782994 270362382782994 270362382782994 270362382782994	U.S. Treasury PR Batch 00002.08.2023 Medicare Employer Portion PR Batch 00002.08.2023 FICA Employee Portion PR Batch 00002.08.2023 FICA Employer Portion PR Batch 00002.08.2023 Medicare Employee Portion PR Batch 00002.08.2023 Federal Income Tax	08/10/2023	22.55 96.42 96.42 22.55 114.24
Total for this ACH Check for Vendor 10094:				352.18
14266	UB*05364	Rachael Bolon Refund Check	08/10/2023	30.83
Total for Check Number 14266:				30.83
14267	UB*05363	Lawyers Title Company Refund Check	08/10/2023	150.00
Total for Check Number 14267:				150.00
14268	UB*05366	Sergio Lopez Garcia Refund Check	08/10/2023	150.00
Total for Check Number 14268:				150.00
14269	UB*05359	Jessica Maniquis Refund Check Refund Check Refund Check Refund Check	08/10/2023	26.56 145.96 30.26 15.50
Total for Check Number 14269:				218.28
14270	UB*05365	Mendoza Grading & Paving Inc Refund Check	08/10/2023	2,487.94
Total for Check Number 14270:				2,487.94
14271	UB*05362	Michelle Mouri Refund Check	08/10/2023	150.00
Total for Check Number 14271:				150.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14272	UB*05360	Michelle Phillips Refund Check Refund Check	08/10/2023	417.86 0.35
Total for Check Number 14272:				418.21
14273	10431 42482	Southern California West Coast Electric Reissue - Troubleshoot Electrical Problems - Well 25	08/10/2023	415.00
Total for Check Number 14273:				415.00
14274	10934 08092023	USAFact, Inc Reissue - Pre-Employment Testing - April 2023	08/10/2023	52.88
Total for Check Number 14274:				52.88
14275	UB*05361	Tony Yacoub Refund Check	08/10/2023	150.00
Total for Check Number 14275:				150.00
14276	10001 7312023 7312023 7312023 7312023	Action True Value Hardware Materials - Appletree Ln Parts - Well 2 Irrigation Repairs Parts - Well 24 Chlorinator Repair Pipe Thread Compound - Meter Room	08/10/2023	16.36 20.84 4.08 23.66
Total for Check Number 14276:				64.94
14277	10003 54707 54737	All Purpose Rental Concrete Saw Rental - Appletree Lane Metal Blade - Cutoff Saw	08/10/2023	79.20 28.95
Total for Check Number 14277:				108.15
14278	10144 LYUM1731473 LYUM1731474 LYUM1734555 LYUM1734556	AlSCO Inc Cleaning Mats/Air Fresheners 560 Magnolia July 2023 Cleaning Mats/Shop Towels 12th/Palm July 2023 Cleaning Mats/Air Fresheners 560 Magnolia July 2023 Cleaning Mats/Shop Towels 12th/Palm July 2023	08/10/2023	40.55 56.87 40.55 56.87
Total for Check Number 14278:				194.84
14279	10420 1WFM-JTPN-QKGJ	Amazon Capital Services, Inc. Digital Download Accounting for Capital Assets	08/10/2023	49.99
Total for Check Number 14279:				49.99
14280	10695 2375 2375 2375	B-81 Paving Inc 1 Main Line Repair - City of Beaumont 2 Service Line Repairs - Non City of Beaumont 2 Service Line Repairs - City of Beaumont	08/10/2023	7,713.00 6,641.25 32,709.00
Total for Check Number 14280:				47,063.25
14281	10272 07312023 07312023 07312023 07312023	Babcock Laboratories Inc (5) Trihalomethanes (91) Coliform Water Samples (4) Nitrate Samples (6) Haloacetic Acids	08/10/2023	466.00 4,509.05 75.48 891.84
Total for Check Number 14281:				5,942.37

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14282	10283 07272023	BCVWD Custodian of Petty Cash Certified Postage	08/10/2023	10.45
Total for Check Number 14282:				10.45
14283	10271	Beaumont Ace Home Center	08/10/2023	
	07312023	NCRF/Canyon Pond Maintenance Supplies		185.53
	07312023	Maint & Repair - 12th/Palm Supplies		26.70
	07312023	Landscape Maint Supplies		206.91
	07312023	Maint & Repair - General Building Supplies		120.27
	07312023	Materials - Appletree Lane		17.85
	07312023	General Supplies		264.67
	07312023	General Safety Supplies		18.31
	07312023	Maint & Repair - Pumping Equip Supplies		486.75
	07312023	Maint & Repair - Fleet Supplies		25.51
	07312023	Transmission & Distribution Small Tools Supplies		75.96
	07312023	Materials - Inventory Warehouse		95.77
	07312023	Operations Small Tools Supplies		121.75
	07312023	Maint & Repair - 560 Magnolia Ave Supplies		55.99
	07312023	General Small Tools Supplies		12.70
	07312023	Meter Maint & Service Supplies		105.89
	07312023	Maint & Repair - Pipeline & Hydrants Supplies		508.12
	07312023	Maint & Repair - 13967 Oak Glen Rd Supplies		179.81
Total for Check Number 14283:				2,508.49
14284	10274	Beaumont Chamber of Commerce	08/10/2023	
	08102023	2023 State of the City Dinner - J Bean		75.00
	08102023	2023 State of the City Dinner - M Morales		75.00
	08102023	2023 State of the City Dinner - D Jagers		75.00
	08102023	2023 State of the City Dinner - S Molina		75.00
	08102023	2023 State of the City Dinner - D Slawson		75.00
	08102023	2023 State of the City Dinner - J Herrera		75.00
	08102023	2023 State of the City Dinner - L Williams		75.00
	08102023	2023 State of the City Dinner - J Covington		75.00
	08102023	2023 State of the City Dinner - D Hoffman		75.00
	08102023	2023 State of the City Dinner - M Swanson		75.00
Total for Check Number 14284:				750.00
14285	10382	Beaumont Power Equipment Inc	08/10/2023	
	3562	Trimmer Line - Weed Trimmers		59.23
Total for Check Number 14285:				59.23
14286	11161	Boot Barn Holdings	08/10/2023	
	INV00284411	Boot Voucher Payment - J McCue		196.71
Total for Check Number 14286:				196.71
14287	10774	Jesus Camacho	08/10/2023	
	979552	(25) Truck Washes July 2023		310.00
	979554	(25) Truck Washes July 2023		310.00
	979556	(25) Truck Washes July 2023		310.00
Total for Check Number 14287:				930.00
14288	10614	Cherry Valley Automotive	08/10/2023	
	43298	Labor - 4 Tires - Unit 49/OD 12,069		80.00
	43298	4 Tires - Unit 49/OD 12,069		738.73
Total for Check Number 14288:				818.73

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14289	10016 EP2023-0469 EP2023-0500 EP2023-0502 EP2023-0503 EP2023-0505 EP2023-0506	City of Beaumont EP0469 - 506 Lucille Ct EP0500 - 1334 Michigan Ave EP0502 - 1380 Palm Ave EP0503 - 1050 Pennsylvania Ave EP0505 - 707 Canyon Crest Rd EP0506 - 654 Shasta Way	08/10/2023	800.50 655.89 655.89 655.89 655.89 500.96
Total for Check Number 14289:				3,925.02
14290	10266 18507	Cozad & Fox Inc. NEPA Compliance - Noble Tank 2 and Pipeline Replacement Project	08/10/2023	4,947.30
Total for Check Number 14290:				4,947.30
14291	10360 015624 015624 015624	Cutting Edge Supply Parts for the CAT Backhoe (Pin) Parts for the CAT Backhoe (Retainer use w/Pin) Parts for the CAT Backhoe (Teeth)	08/10/2023	34.48 66.81 234.47
Total for Check Number 14291:				335.76
14292	10772 7468	CV Strategies Strategic Communication Services - July 2023	08/10/2023	6,455.00
Total for Check Number 14292:				6,455.00
14293	10390 S1524808.001	Dangelo Company 14 Inch Saw Blades	08/10/2023	686.91
Total for Check Number 14293:				686.91
14294	10250 IE-94580	Day & Nite Doors Inc Roller Door Repair - Inventory Warehouse	08/10/2023	834.95
Total for Check Number 14294:				834.95
14295	10942 0004804147 0004804148	Diamond Environmental Services LP (2) Rental and Service Handicap Restrooms - 07/31-08/27/2023 (1) Rental and Service Portable Restroom - 07/31-08/27/2023	08/10/2023	301.55 97.11
Total for Check Number 14295:				398.66
14296	10600 08022023	Gaucho Pest Control Inc. NCR I Rodent Control Aug 2023	08/10/2023	1,000.00
Total for Check Number 14296:				1,000.00
14297	10174 764826	GFOA 2023 GAAP Update Encore - W Clayton	08/10/2023	135.00
Total for Check Number 14297:				135.00
14298	10303 9796316264	Grainger Inc (500) 3/8 Keyed Padlock	08/10/2023	3,744.32
Total for Check Number 14298:				3,744.32
14299	10337 19559	Hilltop Geotechnical, Inc Geo Technical Services - 2022-2023 Lateral Replacement Project	08/10/2023	1,117.50
Total for Check Number 14299:				1,117.50

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14300	10719 08022023	HR Dynamics & Performance Management, Inc HR Consulting Services - July 2023	08/10/2023	12,400.00
Total for Check Number 14300:				12,400.00
14301	10398 242999 242999 243000 244114 244114 244115	Infosend, Inc July 2023 Supply Charges for Utility Billing July 2023 Processing Charges for Utility Billing July 2023 Postage Charges for Utility Billing July 2023 Processing Charges for Utility Billing July 2023 Supply Charges for Utility Billing July 2023 Postage Charges for Utility Billing	08/10/2023	570.06 772.09 4,113.40 141.15 107.35 759.50
Total for Check Number 14301:				6,463.55
14302	10809 4432 4432	Inner-City Auto Repair & Tires Labor - Oil/Filter/Air Filter - Unit 40/OD 38,870 Oil/Filter/Air Filter - Unit 40/OD 38,870	08/10/2023	37.50 138.00
Total for Check Number 14302:				175.50
14303	10665 13028	Lautzenhisner's Stationary Archive Paper - Board Documents	08/10/2023	218.23
Total for Check Number 14303:				218.23
14304	10026 596031	McCrometer Inc Meter Register for Booster 21A & B	08/10/2023	464.37
Total for Check Number 14304:				464.37
14305	11093 08092023-1	Michael James Wilson Maintenance - Ice Machine	08/10/2023	659.00
Total for Check Number 14305:				659.00
14306	11191 2	Noel Goetz Bee Removal from Meter Box	08/10/2023	225.00
Total for Check Number 14306:				225.00
14307	10867 ACCL1019852 ACCL1019852	Recycled Aggregate Materials Co, Inc. Haul Away Broken Asphalt Haul Away Broken Asphalt	08/10/2023	200.00 200.00
Total for Check Number 14307:				400.00
14308	10223 243262	Richards, Watson & Gershon Legal Services June 2023 Board Approval 08/10/2023	08/10/2023	6,286.52
Total for Check Number 14308:				6,286.52
14309	10171 23-155120	Riverside Assessor - County Recorder June 2023 Lien Fees	08/10/2023	100.00
Total for Check Number 14309:				100.00
14310	11198 08032023	Joshua Rogers Reimbursement - DOT Physical - J Rogers	08/10/2023	108.84
Total for Check Number 14310:				108.84

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14311	10689 224337	Safety Compliance Company Safety Meeting - Eye Wash - 07/18/2023	08/10/2023	250.00
Total for Check Number 14311:				250.00
14312	10431 43004 43026	Southern California West Coast Electric Final Payment - Electrical Installation - Inventory Warehouse Bolt Switch - Well 10	08/10/2023	10,000.00 443.00
Total for Check Number 14312:				10,443.00
14313	10063 01321635	The Record Gazette CEQA Notice - B Line Replacement Project	08/10/2023	896.00
Total for Check Number 14313:				896.00
14314	10424 460883	Top-Line Industrial Supply, LLC Water Buffalo Nozzle	08/10/2023	53.98
Total for Check Number 14314:				53.98
14315	10824 166366114 166613359 166897404	U-Line Portacool Evaporative Cooler 36" - Inventory Warehouse Pallets - Inventory Warehouse Inventory Bins - Inventory Warehouse	08/10/2023	4,040.74 1,186.34 695.65
Total for Check Number 14315:				5,922.73
14316	10284 23-240003	Underground Service Alert of Southern California 2022 Annual State Fee for Regulatory Cost - Dig Safe Board	08/10/2023	1,095.15
Total for Check Number 14316:				1,095.15
14317	10255 0472253-IN 0472254-IN 0472375-IN	Unlimited Services Building Maintenance Aug 2023 Janitorial Services for 815 E 12th St Aug 2023 Janitorial Services for 560 Magnolia Ave Aug 2023 Janitorial Services for 851 E 6th St	08/10/2023	150.00 845.00 160.00
Total for Check Number 14317:				1,155.00
14318	10934 3073143	USAFact, Inc Pre-Employment Background Checks - July 2023	08/10/2023	26.04
Total for Check Number 14318:				26.04
14319	10385 5646277	Waterline Technologies, Inc. - PSOC Chlorine - Well 25	08/10/2023	3,225.75
Total for Check Number 14319:				3,225.75
14320	10016 INV00149	City of Beaumont Recycled Water Facilitator - 1/3 Share	08/10/2023	5,356.67
Total for Check Number 14320:				5,356.67
Total for 8/10/2023:				231,924.00
ACH	10030 700154530138Jul 700154530138Jul 700154530138Jul 700154530138Jul 700154530138Jul 700154530138Jul 700359906319Jul 700359906319Jul 700359906319Jul	Southern California Edison Electricity 06/21-07/23/2023 - 9781 Avenida Miravilla Electricity 06/19-07/23/2023 - Wells Electricity 06/13-07/13/2023 - 851 E 6th St Electricity 06/16-07/18/2023 - 815 E 12th Ave Electricity 06/21-07/23/2023 - 560 Magnolia Ave Electricity 06/21-07/23/2023 - Well 25 Electricity 06/21-07/23/2023 - 12303 Oak Glen Rd Electricity 06/21-07/23/2023 - 13697 Oak Glen Rd Electricity 06/21-07/23/2023 - 13695 Oak Glen Rd	08/14/2023	441.61 288,884.80 348.20 1,260.16 5,445.44 77,788.92 114.65 379.23 241.03
Total for this ACH Check for Vendor 10030:				374,904.04

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	10031	Staples Business Advantage	08/14/2023	
	3541877561	Office Supplies		42.77
	3541877562	Office Supplies		19.16
	3541877563	Office Supplies		35.65
	3541877566	Office Supplies		55.36
	3541877567	Office Supplies		188.52
	3541877568	Office Supplies		14.73
	3542278522	Office Supplies		9.90
	7611383355	IT Office Supplies		110.53
Total for this ACH Check for Vendor 10031:				476.62
ACH	10042	Southern California Gas Company	08/14/2023	
	07132135000Jul	Monthly Gas Charges 06/26-07/26/2023		14.79
Total for this ACH Check for Vendor 10042:				14.79
ACH	10052	Home Depot Credit Services	08/14/2023	
	07312023	Rental Deposit - Scissor Lift - Inventory Warehouse		300.00
	07312023	Pest Control Spray		19.35
	07312023	Turf Builder - Well 2 Landscape Maintenance		25.29
	07312023	Rental Charge - Scissor Lift - Inventory Warehouse		31.60
	07312023	Office Supplies		69.99
	07312023	2 Wooden Furniture Dollys		75.38
	07312023	AC Deflectors - Eng Office		137.00
	07312023	Trailer Light Adapter - Unit 17		24.76
	07312023	Parts - Landscape Improvements - 9781 Avenida Miravilla		522.81
	07312023	Staples - Starlink Installation - Inventory Warehouse		2.53
	07312023	Electrical Wire Tracing Kit		86.17
	07312023	Light Bulbs - 560 Magnolia Ave Parking Lot		64.62
Total for this ACH Check for Vendor 10052:				1,359.50
ACH	10147	Online Information Services, Inc	08/14/2023	
	1202469	107 Credit Reports for July 2023		346.72
Total for this ACH Check for Vendor 10147:				346.72
ACH	10350	NAPA Auto Parts	08/14/2023	
	201972	Battery - Unit 12		216.95
	202268	Battery - Unit 41		221.25
Total for this ACH Check for Vendor 10350:				438.20
ACH	10709	Core & Main LP	08/14/2023	
	T253284	Materials - 2022-2023 Service Lateral Replacement Project		2,706.79
Total for this ACH Check for Vendor 10709:				2,706.79
ACH	10743	Townsend Public Affairs, Inc	08/14/2023	
	20311	Consulting Services - Aug 2023		5,000.00
Total for this ACH Check for Vendor 10743:				5,000.00
Total for 8/14/2023:				385,246.66
ACH	10085	CalPERS Retirement System	08/17/2023	
	1002433983	PR Batch 00003.08.2023 CalPERS 8% EE Paid		2,250.97
	1002433983	PR Batch 00003.08.2023 CalPERS 8.25% EE PEPRA		6,486.41
	1002433983	PR Batch 00003.08.2023 CalPERS ER PEPRA		6,667.28
	1002433983	PR Batch 00003.08.2023 CalPERS ER Paid Classic		10,546.39
	1002433983	PR Batch 00003.08.2023 CalPERS 1% ER Paid		186.40
	1002433983	PR Batch 00003.08.2023 CalPERS 7% EE Deduction		1,304.88
	1002433983	PR Batch 00003.08.2023 CalPERS 8% ER Paid		1,065.22
Total for this ACH Check for Vendor 10085:				28,507.55

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	10087 1-859-956-704 1-859-956-704	EDD PR Batch 00003.08.2023 State Income Tax PR Batch 00003.08.2023 CA SDI	08/17/2023	6,104.28 1,286.71
Total for this ACH Check for Vendor 10087:				7,390.99
ACH	10094 270362924321855 270362924321855 270362924321855 270362924321855 270362924321855	U.S. Treasury PR Batch 00003.08.2023 Medicare Employee Portion PR Batch 00003.08.2023 Medicare Employer Portion PR Batch 00003.08.2023 Federal Income Tax PR Batch 00003.08.2023 FICA Employer Portion PR Batch 00003.08.2023 FICA Employee Portion	08/17/2023	2,268.85 2,268.85 15,582.01 9,100.60 9,100.60
Total for this ACH Check for Vendor 10094:				38,320.91
ACH	10141 45097254 45097268	Ca State Disbursement Unit PR Batch 00003.08.2023 Garnishment PR Batch 00003.08.2023 Garnishment	08/17/2023	288.46 379.84
Total for this ACH Check for Vendor 10141:				668.30
ACH	10203 VB1450PP17 2023	Voya Financial PR Batch 00003.08.2023 Deferred Comp	08/17/2023	450.00
Total for this ACH Check for Vendor 10203:				450.00
ACH	10264 1002433988 1002433988 1002433988 1002433988	CalPERS Supplemental Income Plans PR Batch 00003.08.2023 CalPERS 457 % PR Batch 00003.08.2023 ROTH-Post-Tax PR Batch 00003.08.2023 100% Contribution PR Batch 00003.08.2023 CalPERS 457	08/17/2023	200.04 791.84 789.59 1,603.58
Total for this ACH Check for Vendor 10264:				3,385.05
ACH	10984 1692108098543	MidAmerica Administrative & Retirement Solutions PR Batch 00003.08.2023 401(a) Deferred Comp	08/17/2023	1,085.41
Total for this ACH Check for Vendor 10984:				1,085.41
ACH	11152 717847	Sterling Health Services, Inc PR Batch 00003.08.2023 Flexible Spending Account (PT)	08/17/2023	811.25
Total for this ACH Check for Vendor 11152:				811.25
ACH	11195 1-476-376-864	Taxation & Revenue New Mexico PR Batch 00003.08.2023 New Mexico State Tax	08/17/2023	195.81
Total for this ACH Check for Vendor 11195:				195.81
ACH	10087 1-908-125-664 1-908-125-664	EDD PR Batch 00004.08.2023 CA SDI PR Batch 00004.08.2023 State Income Tax	08/17/2023	12.04 325.33
Total for this ACH Check for Vendor 10087:				337.37
ACH	10094 270362972824181 270362972824181 270362972824181 270362972824181 270362972824181	U.S. Treasury PR Batch 00004.08.2023 FICA Employee Portion PR Batch 00004.08.2023 FICA Employer Portion PR Batch 00004.08.2023 Medicare Employer Portion PR Batch 00004.08.2023 Medicare Employee Portion PR Batch 00004.08.2023 Federal Income Tax	08/17/2023	321.39 321.39 75.16 75.16 835.92
Total for this ACH Check for Vendor 10094:				1,629.02

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
2146	10387 PP17 2023	Franchise Tax Board PR Batch 00003.08.2023 Garnishment FTB	08/17/2023	109.03
Total for Check Number 2146:				109.03
Total for 8/17/2023:				82,890.69
ACH	10138 HW201 Aug 2023	ARCO Business Solutions ARCO Fuel Charges 08/08-08/14/2023	08/21/2023	1,671.01
Total for this ACH Check for Vendor 10138:				1,671.01
ACH	10042 41-2023-08-0003	Southern California Gas Company Utility Request - Elm Ave Pipeline Project	08/21/2023	81.00
Total for this ACH Check for Vendor 10042:				81.00
Total for 8/21/2023:				1,752.01
ACH	10138 HW201 Aug 2023	ARCO Business Solutions ARCO Fuel Charges 08/15-08/21/2023	08/24/2023	3,801.80
Total for this ACH Check for Vendor 10138:				3,801.80
ACH	10709 T202147 T207611 T207611 T314160 T362469	Core & Main LP Materials - 5th St Pipeline Replacement Saddle 594-670 X 1 SS Saddle 594-690 X 1 SS Coupling CTS COMP 1 DIP 4 PC 350	08/24/2023	21,236.74 90.51 266.36 1,236.15 10,736.90
Total for this ACH Check for Vendor 10709:				33,566.66
14321	UB*05371	ARB Inc. Refund Check Refund Check Refund Check Refund Check	08/24/2023	58.04 2,171.70 200.39 99.51
Total for Check Number 14321:				2,529.64
14322	UB*05367	Rachel Broussard Refund Check	08/24/2023	34.55
Total for Check Number 14322:				34.55
14323	UB*05374	Joan Burgess Refund Check	08/24/2023	1,908.65
Total for Check Number 14323:				1,908.65
14324	UB*05372	Jonathan Choto Refund Check Refund Check Refund Check Refund Check Refund Check Refund Check	08/24/2023	3.88 8.21 24.77 82.14 5.39 42.46
Total for Check Number 14324:				166.85

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14325	AR-Davi AR225	Irma or Oscar Davila Refund Check	08/24/2023	27.87
Total for Check Number 14325:				27.87
14326	UB*05377	Melissa Hawkins Refund Check	08/24/2023	58.79
Total for Check Number 14326:				58.79
14327	UB*05368	Bizhen Li Refund Check Refund Check Refund Check	08/24/2023	26.04 43.56 44.64
Total for Check Number 14327:				114.24
14328	UB*05297 08182023 08182023 08182023 08182023	Stacey McKinney Refund Check Refund Check Refund Check Refund Check	08/24/2023	9.57 28.33 5.59 10.90
Total for Check Number 14328:				54.39
14329	UB*05378	Philip Reiswig Refund Check Refund Check Refund Check Refund Check	08/24/2023	26.06 27.25 15.06 227.90
Total for Check Number 14329:				296.27
14330	UB*05369	Breanna Rojas Refund Check Refund Check Refund Check Refund Check	08/24/2023	12.68 0.42 0.82 0.72
Total for Check Number 14330:				14.64
14331	UB*05370	Pete Sciarra Refund Check	08/24/2023	396.37
Total for Check Number 14331:				396.37
14332	UB*05375	Michael Springer Refund Check	08/24/2023	23.55
Total for Check Number 14332:				23.55
14333	UB*05373	The Juline Trust Refund Check Refund Check Refund Check Refund Check Refund Check	08/24/2023	18.18 90.72 5.12 63.36 13.12
Total for Check Number 14333:				190.50
14334	UB*05376	Donna Jean Trevino Refund Check	08/24/2023	37.53
Total for Check Number 14334:				37.53

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14335	10792 09012023	A-1 Financial Services Sept 2023 Rent - 851 E. 6th St Eng Office	08/24/2023	2,480.00
Total for Check Number 14335:				2,480.00
14336	10319 INV014133	ACWA Joint Powers Insurance Authority Cyber Liability Insurance 7/1/2023-06/30/2024	08/24/2023	5,311.00
Total for Check Number 14336:				5,311.00
14337	10718 11519	Airwave Communication ENT Grab & Go Repeater for 2-Way Radio System	08/24/2023	10,625.88
Total for Check Number 14337:				10,625.88
14338	10420 11TN-DT3C-7HTP 1FDQ-R9XM-G39Y 1FWF-W16Y-1CGL	Amazon Capital Services, Inc. Foam - Pennsylvania Ave Air Vac Relocation Heat Stress Safety Supplies Office Supplies	08/24/2023	470.49 268.76 56.65
Total for Check Number 14338:				795.90
14339	10855 1597349	Badger Meter, Inc (10) 10 Badger Meters	08/24/2023	78,485.91
Total for Check Number 14339:				78,485.91
14340	10382 3688 3690	Beaumont Power Equipment Inc 2 Weed Trimmers - Weed Abatement Lawnmower - Landscape Maintenance	08/24/2023	1,099.05 624.90
Total for Check Number 14340:				1,723.95
14341	10929 1273	Brent Billingsley (ICS) (96) 60lb Buckets of Accu-Tab Chlorine Tablets	08/24/2023	18,480.00
Total for Check Number 14341:				18,480.00
14342	11161 INV00285850	Boot Barn Holdings Boot Voucher Payment - A Becerra	08/24/2023	200.00
Total for Check Number 14342:				200.00
14343	10550 82NP4HWS7SX	CalPERS Educational Forum CalPERS Educational Forum Reg - W Clayton - 10/02-10/04/2023	08/24/2023	449.00
Total for Check Number 14343:				449.00
14344	10822 31078886 31078886 31078886 31078886 31078887 31078887	Canon Financial Services, Inc Meter Usage - 07/01-07/31/2023 Contract Charge - 08/01-08/31/2023 - 851 E 6th St Contract Charge - 08/01-08/31/2023 - 560 Magnolia Ave Meter Usage - 07/01-07/31/2023 Meter Usage - 07/01-07/31/2023 Contract Charge - 08/01-08/31/2023 - 12th/Palm	08/24/2023	992.68 238.56 329.33 102.17 110.03 235.78
Total for Check Number 14344:				2,008.55
14345	10249 LG94789	CDW Government LLC AMR/AMI Project for Firewall	08/24/2023	3,141.14
Total for Check Number 14345:				3,141.14

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14346	10614	Cherry Valley Automotive	08/24/2023	
	43192	Labor - ABS Control Module - Unit 17/OD 92,691		385.00
	43192	ABS Control Module - Unit 17/OD 92,691		831.13
	43489	Labor - Arm/Ball Jnt Assmb/Oil/Filter/Tires - Unit 01/OD 82,426		432.00
	43489	Control Arm/Ball Jnt Assmb/Oil/Filter/Tires - Unit 01/OD 82,426		648.88
	43533	Oil/Filter/Washer Pump - Unit 33/OD 78,588		147.73
	43533	Labor - Oil/Filter/Washer Pump - Unit 33/OD 78,588		121.00
Total for Check Number 14346:				2,565.74
14347	10016 EP2023-0518	City of Beaumont Encroachment Permit - 5th St Pipeline Replacement	08/24/2023	2,515.11
Total for Check Number 14347:				2,515.11
14348	10266 18530	Cozad & Fox Inc. Design & Engineering Services - 2020-2021 Pipeline Replacement	08/24/2023	1,327.40
Total for Check Number 14348:				1,327.40
14349	10390 S1522944.001	Dangelo Company Saddle 690 SS 2	08/24/2023	2,840.77
Total for Check Number 14349:				2,840.77
14350	10250 IE-94680 IE-94710	Day & Nite Doors Inc Maintenance on 5 Rolling Doors - Inventory Warehouse Replace 12 X 12 Rollup Door - Inventory Warehouse	08/24/2023	1,268.00 4,195.00
Total for Check Number 14350:				5,463.00
14351	11194 202306047	Dudek Well Feasibility and Siting Study - July 2023	08/24/2023	7,407.50
Total for Check Number 14351:				7,407.50
14352	10809	Inner-City Auto Repair & Tires	08/24/2023	
	3949	Air Filter/Oil Filter/Oil - Unit 41/OD 30,588		220.88
	3949	Labor - Air Filter/Oil Filter/Oil - Unit 41/OD 30,588		137.50
	4005	Labor - Oil/Floor Mats/Belts/Oil Filter - Unit 37/OD 55,870		212.50
	4005	Oil/Floor Mats/Belts/Oil Filter - Unit 37/OD 55,870		358.79
	4513	Rim Guards - John Deere Disc Tractor		548.73
	4513	Labor - Rim Guards - John Deere Disc Tractor		60.00
Total for Check Number 14352:				1,538.40
14353	10450 08232023	Daniel Jagers Fuel Reimbursement - D Jagers	08/24/2023	30.72
Total for Check Number 14353:				30.72
14354	11100 13300437	Loomis Armored US, LLC Armored Truck Service - July 2023	08/24/2023	273.77
Total for Check Number 14354:				273.77
14355	10148 223-41-2 223-41-2	MCC Equipment Rentals Inc. Contract Labor - Appletree Lane Retention - Contract Labor - Appletree Lane	08/24/2023	51,379.28 -2,568.96
Total for Check Number 14355:				48,810.32

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
14356	10026 596690 596702	McCrometer Inc Hydrant Meter Rebuild (Prop) Meter Register - Well 23	08/24/2023	965.70 307.77
Total for Check Number 14356:				1,273.47
14357	11177 06132023	Natalia Murillo Mileage Reimbursement - N Murillo - 05/18-06/13/2023	08/24/2023	12.18
Total for Check Number 14357:				12.18
14358	11142 IN-309424	Pro-Vigil Inc Monitoring Program September 2023	08/24/2023	1,500.00
Total for Check Number 14358:				1,500.00
14359	10797 29610 29610	Raftelis Financial Consultants, Inc Miscellaneous Fee Study - June 2023 Miscellaneous Fee Study - July 2023	08/24/2023	6,318.75 8,995.00
Total for Check Number 14359:				15,313.75
14360	10171 23-183012 23-198000	Riverside Assessor - County Recorder July 2023 Lien Fees July 2023 Lien Fees	08/24/2023	60.00 80.00
Total for Check Number 14360:				140.00
14361	10689 225111	Safety Compliance Company Safety Meeting - Safety Data Sheets - 08/02/2023	08/24/2023	250.00
Total for Check Number 14361:				250.00
14362	10506 BMPTF 2024-01 BMPTF 2024-01	Santa Ana Watershed Project Authority Basin Monitoring Program - July 2023 Prepaid Basin Monitoring Program - August 2023-June 2024	08/24/2023	2,422.67 26,648.38
Total for Check Number 14362:				29,071.05
14363	10830 2446148-IN	SC Fuels Hydraulic Oil - District Wells	08/24/2023	1,302.97
Total for Check Number 14363:				1,302.97
14364	10424 461526	Top-Line Industrial Supply, LLC Supplies - Heavy Equip Transport	08/24/2023	425.95
Total for Check Number 14364:				425.95
14365	11203 08242023	Union Pacific Railroad Company Permit Fee for Work Inside Union Pacific Easement on Penn Ave	08/24/2023	1,025.00
Total for Check Number 14365:				1,025.00
14366	11190 51407835	Univar Solutions USA, Inc (3) 275 Gal Tote Earth Tec - NCRF I & II	08/24/2023	17,497.53
Total for Check Number 14366:				17,497.53
14367	10753 08142023	Lona Williams Reimburse Mileage - BIA Water Conf - L Williams - 08/14/2023	08/24/2023	55.09
Total for Check Number 14367:				55.09
Total for 8/24/2023:				307,563.35

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
10781		Umpqua Bank C R & R Incorporated Monthly Charges 3 YD Commercial Bin July 2023	08/25/2023	310.41
10034		US Postal Service Postage to Santa Fe Certified Postage		35.80 17.45
10037		Waste Management Of Inland Empire Recycling Dumpster Charges - 815 E 12th St June 2023 Organics Cart Charges - 815 E 12th St June 2023 Yard Dumpsters - 815 E 12th St June 2023 Monthly Sanitation - 560 Magnolia Ave June 2023 Recycling Dumpster Charges - 560 Magnolia Ave June 2023 Overage Fee - 560 Magnolia Ave June 2023 Recycling Dumpster Charges - 815 E 12th St July 2023 Yard Dumpsters - 815 E 12th St July 2023 Organics Cart Charges - 815 E 12th St July 2023 Monthly Sanitation - 560 Magnolia Ave July 2023 Recycling Dumpster Charges - 560 Magnolia Ave July 2023		101.49 56.68 335.09 101.49 123.24 71.95 105.55 348.49 58.95 128.17 105.55
10116		Verizon Wireless Services LLC Cell Phone/iPad Charges for June 2023		1,736.21
10135		Big Time Design Uniforms - Field Staff Uniforms - Administrative Staff		474.10 536.60
10274		Beaumont Chamber of Commerce Chamber Breakfast - July 2023 - L Williams Chamber Breakfast - Aug 2023 - J Covington Chamber Breakfast - Aug 2023 - D Hoffman		25.00 25.00 25.00
10284		Underground Service Alert of Southern California Monthly Maintenance Fee 369 New Ticket Charges June 2023		10.00 645.75
10338		California Special Districts Association CSDA Conference Reg - S Delgadillo - 08/28-08/31/2023		675.00
10397		Wal-Mart Office Supplies		38.51
10403		Office Depot Office Supplies Office Supplies		41.96 54.73
10409		Stater Bros Water - Board Meetings		18.76
10420		Amazon Capital Services, Inc. Office Supplies Wireless Mics - Board Room Server Rack - Inventory Warehouse		33.89 599.75 168.08
10425		The UPS Store Shipping to Santa Fe		77.83
10532		Go Daddy.com Annual Domain Registration - BCVWD		32.17
10546		Frontier Communications 06/25-07/24/2023 July 2023 FIOS/FAX 851 E 6th St 06/10-07/09/2023 June 2023 FIOS/FAX 12th/Palm 06/25-07/24/2023 July 2023 FIOS/FAX 560 Magnolia Ave		354.99 563.97 515.62
10623		WP Engine Web Host for BCVWD Website July 2023		115.00
10692		MMSoft Design Network Monitoring Software July 2023		280.68
10722		Hilton Hotel Hotel - CalPERS Educational Forum - W Clayton - 10/02-10/04/2023		525.51
10745		Hyatt Hotels Final Pymt Hotel - ACWA Oceanside Tour - A Ramirez - 06/29/2023		51.84
10761		BLS*Spamitan Monthly Web Filter License Aug 2023		95.63

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	10784	Autodesk, Inc Auto CAD Software 851 E 6th St - July 2023		245.00
		Auto CAD Software 851 E 6th St - July 2023		1,005.00
	10790	Microsoft Monthly Microsoft Office License - July 2023		417.10
		Monthly Microsoft Exchange - July 2023		16.40
		Monthly Microsoft Office License - July 2023		1,104.00
	10817	Autozone Tire Repair Kit - Unit 36		29.08
	10840	Ready Fresh (Arrowhead) Water - 06/23-07/22/2023 - 851 E 6th		83.63
	10892	Zoom Video Communications, Inc. (10) Video Conference - Aug 2023		205.90
	10913	TypeForm S.L. Annual Renewal - Form Builder for Website		714.00
	10918	Apple.com Cloud Storage - iPads		9.99
	10926	SSD Alarm Alarm System Installation Deposit - Inventory Warehouse		6,681.20
		CCTV Installation - Inventory Warehouse		2,143.00
		Burglar System Installation - Inventory Warehouse		1,492.00
		Alarm Equip/Rent/Service/Monitor - 39500 Brookside - July 2023		135.59
		Alarm Equip/Rent/Service/Monitor - 11083 Cherry - August 2023		65.33
		Alarm Equip/Rent/Service/Monitor - 851 E. 6th - August 2023		85.31
		Alarm Equip/Rent/Service/Monitor - 560 Magnolia - August 2023		397.81
		Alarm Equip/Rent/Service/Monitor - 815 12th St - August 2023		137.25
		Alarm Equip/Rent/Service/Monitor - 39500 Brookside - August 2023		131.21
		Alarm System Installation Payment - Inventory Warehouse		42.32
	10978	Nextiva, Inc. Monthly Phone Service July 2023		2,979.60
	10999	Backblaze Offsite Backup Storage - Aug 2023		67.39
	11001	Keeper Security, Inc Annual Renewal - Password Monitor		2,250.00
	11055	United Airlines Flight - CSDA Conf- S Delgadillo - 08/28-08/31/2023		490.80
	11094	Al's Kubota Tractor 2 Hedge Trimmers - Landscape Maintenance		1,109.23
	11157	FRANCOTYP-POSTALIA INC Postage Machine Quarterly Rental		112.28
	11169	Space Exploration Technologies Corp Back Up Internet - 560 Magnolia Ave		500.00
		Ethernet - Inventory Warehouse		26.94
	11193	Mitsogo, Inc Cyber Security - iPads - July 2023		67.80
	11197	Breeze Aviation Group, Inc Flight - Tri State Seminar - J Herrera 08/06-08/10/2023		184.00
		Flight - Tri State Seminar - M Morales 08/06-08/10/2023		184.00
	11200	Payroll.org Government Payroll Training - L Lopez - 08/16-08/17/2023		1,065.00
	11201	Southland Sod Farms Sod - Landscape Improvements - 9781 Avenida Miravilla		1,323.71
Total for this ACH Check for Vendor 10042:				35,123.76
Total for 8/25/2023:				35,123.76
Report Total (195 checks):				1,532,417.57



**Beaumont-Cherry Valley Water District
Board of Directors Regular Meeting
September 13, 2023**

Item 3d

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Review of August 2023 Pending Invoices Approval

Staff Recommendation

Approve the pending invoice totaling \$5,302.50.

Background

Staff has reviewed the pending invoice and found the services rendered were acceptable to the District.

Fiscal Impact

There is a \$5,302.50 impact to the District which will be paid from the 2023 budget.

Attachment(s)

- Richards Watson Gershon Invoice #243786

Staff Report prepared by William Clayton, Finance Manager



T 213.626.8484
F 213.626.0078
Fed. I.D. No. 95-3292015

350 South Grand Avenue
37th Floor
Los Angeles, CA 90071

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DAN JAGGERS, GENERAL MANAGER
BEAUMONT- CHERRY VALLEY WATER DISTRICT
560 MAGNOLIA AVENUE
BEAUMONT, CA 92223-2258

Invoice Date: August 25, 2023
Invoice Number: 243786
Matter Number: 12788-0001

[REDACTED] [REDACTED]

For professional services rendered through July 31, 2023

Fees	5,302.50
Costs	0.00
Total Amount Due	\$5,302.50

TERMS: PAYMENT DUE UPON RECEIPT

PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE TO

RICHARDS, WATSON & GERSHON
350 South Grand Avenue, 37th Floor
Los Angeles, CA 90071





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

**MINUTES OF REGULAR MEETING – ENGINEERING WORKSHOP
OF THE BOARD OF DIRECTORS
Thursday, July 27, 2023 at 6:00 p.m.**

*Meeting held in person at 560 Magnolia Ave., Beaumont, CA
pursuant to California Government Code Section 54950 et. seq.*

Call to Order: *President Hoffman opened the meeting at 6:09 p.m.*

Pledge of Allegiance was led by Director Covington.

Invocation was given by Director Slawson.

Announcement and Verification of Remote Meeting Participation

No Board members were attending via teleconference.

Roll Call:

Directors present:	Covington, Hoffman, Slawson, Williams
Directors absent:	Ramirez
Staff present:	General Manager Dan Jagers Assistant Director of Finance and Administration Sylvia Molina Director of Engineering Mark Swanson Director of Operations James Bean Director of Information Technology Robert Rasha Water Utility Superintendent Julian Herrera Engineering Assistant Inmar Shihab Civil Engineering Assistant Evan Ward Administrative Assistant Cenica Smith
Legal Counsel	James Markman

Members of the public who registered their attendance: Larry Smith, Kevin Walton and Chander Letulle of the San Geronio Pass Water Agency; Nyles O’Harra, Yucaipa Valley Water District; Andy Minor, James Krausz, Fred Perez, and Steve Matthews.

Public Comment: Nyles O’Harra announced his attendance and commented on the July 26, 2023 meeting of the San Geronio Pass Regional Water Alliance.

1. Adjustments to the Agenda

President Hoffman made the following adjustments:

- Item 6 was pulled from the agenda at the request of the developer
- Items 7, 8, and 9 were tabled

2. PUBLIC HEARING: Resolution 2023-21: National Environmental Policy Act Draft Environmental Assessment and Finding of No Significant Impact for the Noble Water Storage Tank No. 2 and Transmission Pipeline Project

General Manager Dan Jagers advised that this project has been in progress since winter of 2018 and is related to the American Rescue Plan Act funding via the County of Riverside that will be received for the Noble Tank and Pipeline. This is work related to the National Environmental Policy Act, he stated. He noted that the pipeline is located within a paved existing roadway.

Director of Engineering Mark Swanson explained the NEPA action which is due to the federal funding for the project.

The Secretary’s Report noted that the hearing was published, and no comments were received. President Hoffman noted the determination of no significant impact and opened the Public Hearing at 6:23 p.m. There were no public comments. The public hearing was closed at 6:26 p.m.

Director Slawson noted that the project was supposed to be finished two years ago and asked about expected completion. Mr. Swanson indicated that the ARPA funding requires meeting a timeline and reports are made every month. It will go out to bid in the next 30 to 45 days. There will be a period of time for purchasing of materials, he explained. It may be under construction in October 2024 and probably complete in early 2025, he indicated.

Director Covington acknowledged the technical reports and the delay due to COVID-19 and grant application process. This is an amazing project, bringing additional capacity and storage to that pressure zone, and upsizing of the pipeline, he noted.

President Hoffman commented on the detailed environmental report, project funding, and need to increase capacity due to growth. He noted that the District’s portion of the funding is coming from developer fees. Mr. Jagers added that the project is half funded by capacity charges to handle new growth. He acknowledged the work of environmental consultant Andy Minor.

Mr. Minor said he was pleased to see the project funded.

Mr. Jagers added that the Board will be asked to consider award of two separate projects due to the way it was set up with the County to simplify reporting.

The Board closed the Public Hearing by following roll-call vote:

MOVED: Slawson	SECONDED: Williams	APPROVED 4-0
AYES:	Covington, Hoffman, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Ramirez	

The Board adopted Resolution 2023-21: Adopting the Environmental Assessment and Finding of No Significant Impact for the Noble Water Storage Tank No. 2 and Transmission Pipeline Project by following roll-call vote:

MOVED: Slawson	SECONDED: Williams	APPROVED 4-0
AYES:	Covington, Hoffman, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Ramirez	

3. Authorization of Additional Funds for the 2017 Water Pipeline Replacement Project – Pipeline 2 for Additional Paving and Surveying Activities

Director of Engineering Mark Swanson reminded of previous discussion and noted a cost adjustment to Option B, the 1.5 inch asphalt overlay. Shortly after the July 12, 2023 Board meeting, there was an anonymous dust complaint to the Air Quality Management District (AQMD). Beginning Friday morning, staff began applying water twice a day for dust control which will be done until the project is finished. There are some costs associated with the dust mitigation effort that have been added, he noted.

The outstanding item on the project is the pavement of the roadway, Swanson continued. He pointed to photos in the staff report and reminded that the road had been in poor condition to start, but the construction did not help. The intent is to determine a path forward and get the contractor to complete the work, he noted. He provided some further detail on the work and presented options.

Legal Counsel Jim Markman commented regarding Option B and said bettering the situation could result in others asking for the District to do so for them. Mr. Jagers reiterated the staff recommendation for replacement in kind.

President Hoffman invited public comment.

James Krausz, Appletree Lane resident, spoke on behalf of neighbors, saying that the District Engineer had done an admirable job of trying to make the neighbors whole after the unfortunate situation. He explained that the road which was previously functional was destroyed. The current plan will be marginal and will not last as long as the previous road would have lasted, had these events not occurred. He noted that Director Slawson acknowledged this at the last meeting. This is a fair restoration, and there is no rational reason to delay, he said. He expressed concern for monitoring the quality of the actual work being done by the contractor.

In response to Director Covington, Mr. Swanson and Mr. Jagers discussed the road base, current conditions, and the paving. Director Covington expressed concern about paving over substandard road and acknowledged it would cost more to do it right. He said he could not sign on to Option B and said he believed that laying 1.5 inches over dirt would fall apart over time. Further detail was discussed, and Covington advocated for laying 2 inches of asphalt.

President Hoffman pointed out the legal counsel direction regarding increased exposure, contracted with the proposal that what was there would not be adequate. Mr. Markman acknowledged Director Covington’s new statement and noted that if the fix proposed by staff will not work, and will just fall apart earlier and the District may be

returning to do something over; then it would be most prudent and not overspending to fix it per Option C, doing more now that will last by spending another \$20,000 to protect the District against doing it over.

President Hoffman said he still felt it would be worth doing the 2-inch asphalt overlay, and said it would be beneficial that District staff would supervise the work.

Director Williams asked if the paving contractor was asked how long each option would last under normal circumstances. Mr. Swanson indicated he had conversation with the contractor and described varying estimates. The contractor's recommendation was the 1.5 inch overlay over the existing asphalt due to drainage considerations, he explained. Mr. Jagers provided more detail on conditions and noted that flood remediation may be needed later.

Director Williams indicated support for the contractor's recommendation. Director Covington opined that it will not work but asked if the contractor was confident that overlaying the asphalt would result in a decent project. Mr. Swanson said his understanding was that laying over the existing asphalt would be better than laying over dirt. Covington suggested approval of up to 2 inches and leaving it up to the contractor to make the call as to where it may not work. He pointed out the cost difference is just \$17,000 and said he did not want to take the cheap route.

Steve Matthews, an Appletree Lane resident, said the Board had been respectful and had listened. He stated that the preexisting road was 2 inches, and although not perfect, it no longer exists. It should not be based on the criteria of the contractor with the cheapest bid, he said. Residents want something that will last for a while, not something significantly more than was there – 2 inches plus a proper base.

Ron Duncan advised that he installed 600 feet of 1.5 inch asphalt two years ago and it has been completely destroyed by the trash truck. He recommended making the residents whole by spending another \$20,000 to do the job right.

Another speaker advocated for obtaining an expert opinion on what would be the best solution.

Fred Perez, an Appletree Lane resident, noted that all work starts with a good foundation, and wondered about the method to be used by the contractor, and said he hoped for a supervisor or inspector present to monitor the job. He noted that BCVWD would have to alert the trash hauler to the road closure.

Mr. Jagers recapped the discussion.

The Board authorized the expenditure of an amount Not to Exceed \$74,000 (Option C) for additional paving, surveying, and dust control activities within Appletree Lane to complete the construction of Pipeline 2 – P-3620-0015 (Oak Glen Road and Appletree Lane) by following roll-call vote:

MOVED: Covington	SECONDED: Slawson	APPROVED 4-0
AYES:	Covington, Hoffman, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Ramirez	

4. Selection of Consultant for Design and Engineering Services for the 2023 Water Pipelines Project for an Amount Not to Exceed \$115,269.00

Director of Engineering Mark Swanson provided detail on the three pipeline segments in the project as identified in the Capital Improvement Budget (CIB):

- 11th Street from the west end at Elm to west of Beaumont Avenue (replacement)
- American Avenue from 6th to 8th Street (replacement)
- Elm Avenue from 4th Street south to the road terminus (new pipeline)

An RFP was released for design and engineering services in June and July, and four proposals were received, Swanson continued. He reviewed the scoring of the proposals and costs, and recommendation for Ludwig Engineering Associates, Inc. for \$104,790. The recommendation includes a 10 percent contingency of \$10,479, he added. He explained the vetting of the firm.

Staff intends to begin the project as soon as possible, with the priority being Elm, as the City has identified a portion to be paved by their own project, and to the south there is a developer fronting Velie which has been conditioned by the City to improve Elm, triggering the five-year pavement cut moratorium, Swanson explained.

Swanson noted that approval for prepurchase of pipeline materials for 11th Street and American Avenue had been done.

Director Slawson expressed concern about the price differences but said he is familiar with Ludwig which has been around for a while. He said he appreciated the vetting efforts.

Director Covington pointed out the scope of work for almost a mile of pipe for \$104,000 is a good deal. He said he suspected staff would be coming back to the Board.

The Board authorized the General Manager to negotiate the final project engineering scope of services and subsequent execution of a Professional Services Agreement with Ludwig Engineering Associates, Inc., for design and engineering services for the 2023 Water Pipelines Project in an amount not to exceed \$115,269.00 (\$104,790.00 for design and engineering services plus a 10% contingency of \$10,479.00) by following roll-call vote:

MOVED: Covington	SECONDED: Hoffman	APPROVED 4-0
AYES:	Covington, Hoffman, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Ramirez	

5. Resolution 2023-22: Adjustment to the BCVWD Fiscal Year 2023 Operating Budget for Additional Water Supply Purchase

Assistant Director of Finance and Administration Sylvia Molina introduced the budget amendment and reminded the Board of the submittal of the 2023 water order to the San Geronio Pass Water Agency (SGPWA) for 18,800 acre-feet (af), which was included in the 2023 operating budget. At budget presentation, staff noted that there was 7,000 af that was uncertain due to the drought and if that water became available, it would come back to the Board for approval of additional funds. It is available and staff recommends purchase of that water for \$2,793,000 to replenish that removed from the District's storage account in 2021 and 2022.

The funds will come from capital replacement reserves, Molina explained, some of which is funded by the 72 cents importation charge billed on every unit of water sold.

Mr. Jagers added that there is more water available but due to hydraulic constraints, the 7,000 af is conservative as other agencies are consuming the capacity in the East Branch Extension. In the unlikely event that more water can be delivered, staff will come back again to the Board for additional funds.

President Hoffman noted that in the past, the approach had been to buy water when available and to buy as much as can be delivered, which is consistent with this presentation. He said he was in favor of this action.

The Board adopted Resolution 2023-22 authorizing a mid-year adjustment to the Fiscal Year 2023 Operating Budget for State Water Project additional water supply purchases in an amount not to exceed \$2,793,000 by following roll-call vote:

MOVED: Williams	SECONDED: Slawson	APPROVED 4-0
AYES:	Covington, Hoffman, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Ramirez	

6. Request for Will-Serve Letter for Riverside County Assessor's Parcel Nos. 404-190-001 and 404-190-003 located on the northwest corner of Oak Valley Parkway and Beaumont Avenue

President Hoffman pulled this item from the agenda at the request of the developer.

7. Review of Annual List of Preapproved Events and Director Appointments

President Hoffman tabled this item due to the absence of Director Ramirez.

8. Request from Ad Hoc Communications Committee re: meeting frequency

President Hoffman tabled this item due to the absence of Director Ramirez.

9. Update: Streamlining of the Board Meeting Agenda

President Hoffman tabled this item due to the absence of Director Ramirez.

10. Legislative Action and Issues Affecting BCVWD

General Manager Jagers pointed out items coming forth including:

- Lead testing
- PFAS
- Chromium 6

He noted there was a recent alert from ACWA regarding power conservation.

11. Reports for Discussion and Possible Action

a. Engineering Department Updates

Recycled Water

General Manager Jagers provided the following updates:

- The Recycled Water Managers meeting with SGPWA and City staff took place today and discussion was held regarding where things need to go
- The recycled water facilitator suggested the City produce recycled water and give it to the District to distribute with SGPWA offering recharge opportunities and support
- A draft agreement is to be prepared and the version created in 2019-2020 was sent to City Manager Elizabeth Gibbs as a starting point
- The City sent out an RFP for a change of use permit for extracting recycled water from the creek, and the consultant identified a four year project schedule
- City vacation of the maintenance yard to the northwest of the treatment plant for the booster station was discussed as a property exchange or low cost lease for the space including the metal building
- The facilitator has accomplished getting to the point where the District wanted to be regarding use of the existing distribution system
- Strategies were presented for running the system like a non-potable water system and practicing for a few years to assure site supervisors are trained

Elm Avenue pipeline project

Director of Engineering Swanson reported:

- The contract for the consultant will get out to them
- A kickoff meeting will be held as soon as possible
- It will be communicated that Elm is the priority
- Issues with Elm Avenue:
 - City work impacting the timeline
 - City conditioned the developer to the west to do the Elm improvements, and contact has been established with that developer (battery storage), but that project has not yet come to the District for a Will-Serve Letter
- Meeting scheduled next week with the developer
- The developer needs service from the District, and it appears a couple of hydrants will be needed, and a piece of land needs to be annexed into the service area so the Board will have a chance to weigh in

- District staff noticed the inclusion of Elm Street in the City's paving plan and did the due diligence to contact the City and find out there was more to it
- Jagers advised City Manager Gibbs there is need to meet to discuss paving, Elm Avenue, and the need to assure communication and sharing of information

Cherry Valley Boulevard temporary services

Director of Engineering Swanson reported:

- Service lines have been pulled
- Field crews installed
- A few details to wrap up for service to be provided
- Next step is a meeting between the parties to discuss LAFCO process for permanent service
- Discussed with LAFCO regarding a single document (Plan of Service) for both parties for cost savings

b. Directors' Reports:

- Director Williams, Director Hoffman, Director Slawson, and Director Covington reported attendance at the Beaumont Chamber of Commerce Breakfast on July 14
- Director Williams reported on the ACWA Candidates Town Hall on July 19
- Director Slawson reported attendance at the Cal Water Commission Drought Strategy Session on July 25 and the San Gorgonio Pass Regional Water Alliance (SGPRWA) on July 26

b. Directors' General Comments: None.

c. General Manager's Report:

Mr. Jagers reported:

- There is a current fire in the Banning area at Sunset and Wilson, traveling both west and east
- Arden Wallum of Mission Springs Water District is retiring, there is an event on August 30, 2023
- MDP Line 6 Ribbon Cutting on Sept. 7
- Proposed moving the Ad Hoc Communications Committee from September to August (Hoffman concurred)
- Acknowledged Engineering staff in the audience; along with Assistant Director of Finance and Administration Sylvia Molina, and Executive Assistant Lynda Kerney
- Monthly analysis of production through the end of June shows it is below last year's by 1,200 af

d. Legal Counsel Report: None.

12. Action List for Future Meetings

- Update / presentation on the AMR / AMI project
- Presentation on the San Bernardino Valley Resource Conservation District
- Presentation on solar power opportunities
- Sites Reservoir update
- Maximization of groundwater supplies

13. Announcements

President Hoffman called attention to the following announcements:

- Beaumont Basin Watermaster Committee Meeting: Wednesday, Aug. 2 at 11 a.m.
- Finance and Audit Committee Meeting: Thursday, Aug. 3 at 3 p.m.
- Regular Board Meeting: Wednesday, Aug. 9 at 6 p.m.
- Personnel Committee Meeting: Tuesday, Aug. 15 at 5:30 p.m.
- Engineering Workshop: Thursday, Aug. 24 at 6 p.m.
- District offices closed Monday, Sept. 4 in observance of Labor Day
- MDP Line 16 Ribbon Cutting Ceremony: Thursday, Sept. 7 at 1:00 p.m.
- Finance and Audit Committee Meeting: Thursday, Sept. 7 at 3 p.m.

Director Slawson noted potential discussion on rescheduling the August 24 Engineering Workshop. Director Williams indicated she was no longer planning to attend the conference in San Diego and would be at the meeting; therefore, there will be a quorum.

14. Adjournment

President Hoffman adjourned the meeting at 8:15 p.m.

DRAFT UNTIL APPROVED

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

ATTEST:

DRAFT UNTIL APPROVED

Director Daniel Slawson, Secretary
to the Board of Directors of the
Beaumont-Cherry Valley Water District



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

**MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
Wednesday, August 9, 2023 at 6:00 p.m.**

Meeting held in person at 560 Magnolia Ave., Beaumont, CA pursuant to California Government Code Section 54950 et. seq.

Call to Order: *President Hoffman opened the meeting at 6:05 p.m.*

Pledge of Allegiance was led by President Hoffman.

Invocation was given by Director Covington.

Announcement and Verification of Remote Meeting Participation Pursuant to AB 2449 or GC 54953(b)

No Board members were attending via teleconference.

Roll Call:

Directors present:	Covington, Hoffman, Ramirez (6:22 p.m.), Slawson, Williams (6:19 p.m.)
Directors absent:	None
Staff present:	General Manager Dan Jagers Director of Engineering Mark Swanson Director of Operations James Bean Finance Manager William Clayton Assistant Director of Finance and Administration Sylvia Molina Management Analyst I Erica Gonzales Civil Engineering Assistant Inmar Shihab Engineering Assistant Evan Ward Water Utility Worker I Joshua Rogers Executive Assistant Lynda Kerney Administrative Assistant Cenica Smith
Legal Counsel	James Markman

Members of the public who registered attendance: Larry Smith, Ron Duncan, and Kevin Walton of the San Gorgonio Pass Water Agency (SGPWA).

Public Comment: Kevin Walton of the San Gorgonio Pass Water Agency introduced himself.

1. Adjustments to the Agenda

On behalf of Director Ramirez, Mr. Jagers requested that items 6, 7, and 8 be delayed until Director Ramirez's arrival.

Mr. Jagers pointed out replacement pages 114-115 in Item 5 for the proposed Pension Funding policy.

2. Reports / Presentations / Information Items

Director Covington indicated the CV Strategies Report was impressive.

Director Covington requested discussion on the following items c and d:

c. 2023 Mid-Year Budget review

Assistant Director of Finance and Administration Sylvia Molina explained the mid-year overview purpose and process, and advised that this report had been presented to the Finance and Audit Committee at its August 3, 2023 meeting.

Director Williams joined the meeting at 6:19 p.m. and Director Ramirez joined at 6:22 p.m.

d. Update: Revenues and Expenses related to District Residences

Staff responded to questions from Director Covington regarding listed expenses including septic system repair, fencing, landscaping materials, and roofing. These figures are cumulative, Mr. Clayton pointed out.

Ms. Molina confirmed for Director Covington that the running budget for maintenance of the four District residences was \$41,000. Director Covington noted that the policy indicated the figures are to be revisited annually. Mr. Jagers assured that the maintenance fees were adjusted per policy using the Consumer Price Index to the 3 percent cap. Director Covington concurred that Policy 5095 should be reviewed by the Personnel Committee.

The Board received and filed the following reports:

- a. Townsend Public Affairs, Inc. Monthly Update*
 - b. CV Strategies Quarterly Report*
 - c. 2023 Mid-Year Budget Review*
 - d. Update: Revenues and Expenses Related to District Residences*
- by the following roll-call vote:*

MOVED: Williams	SECONDED: Slawson	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

3. Consent Calendar:

Consent Calendar items 3a through 3e were approved with one motion by the following roll-call vote:

- a. Review of the June 2023 Budget Variance Reports
- b. Review of the June 30, 2023 Cash/Investment Balance Report
- c. Review of Check Register for the Month of July 2023
- d. Review of July 2023 Invoices Pending Approval
- e. Approval of Minutes of the Regular Meeting of July 12, 2023
- f. Approval of Notice of Intent and Set 45-day Comment Period for Proposed Changes to District's Conflict of Interest Code

MOVED: Covington	SECONDED: Williams	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

4. Authorize the General Manager to Expend Funds in an Amount Not to Exceed \$40,000 for the Necessary Repair of District Owned D5 Caterpillar Dozer

Director of Operations James Bean explained the sole source request for necessary repairs of the heavy equipment based on the District's Purchasing Policy. He noted that the tracks are original equipment on the 2006 dozer and have reached the end of service life, and this was budgeted in 2023 in anticipation of this work.

The replacement of the tracks includes miscellaneous parts, Mr. Bean continued. The vendor, Quinn Company, is the local southern California Caterpillar dealership and parts retailer, he noted. Staff prefers to use factory parts for routine maintenance on heavy equipment and Caterpillar representatives to perform the work, he added. There is a savings if staff transports the dozer to the Quinn location in Riverside. Another vendor, Ron's Caterpillar Doctor, was identified, but a quote was not solicited as Ron's is not a Cat-certified retailer. Quinn is a Sourcewell contracted entity for Caterpillar, he noted.

Director Ramirez acknowledged the action was within policy.

Director Williams asked about the 8 percent contingency, and Mr. Bean pointed out there is a 25 percent government entity discount, and the contingency was calculated to round off the numbers.

Director Slawson requested further detail on Ron's Caterpillar Doctor. Mr. Bean said staff had contacted the vendor, which is primarily a truck repair shop that does work on Cat equipment. Sourcewell advised that Quinn is the contracted retailer for Caterpillar. Director Ramirez pointed out that Quinn is the exclusive vendor, and the equipment is readily available, where otherwise there may be a wait for parts.

President Hoffman noted that the machines cost more than \$400,000 and his experience has been to try to use the best parts and have work done properly and completely; and this is the approach on this action.

President Hoffman invited public comment. There was none.

The Board authorized the General Manger to expend funds in an amount not to exceed \$40,000 for the necessary replacement of dozer tracks for the District owned D5 Caterpillar Dozer as identified and funded in the District's 2023 Operating Budget by the following roll-call vote:

MOVED: Covington	SECONDED: Williams	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

5. Establishment of a Pension Trust Fund and Related Policy

Assistant Director of Finance and Administration Sylvia Molina drew attention to the handout to replace the proposed policy document in the agenda packet. She noted that the Finance and Audit Committee had reviewed the item in detail and had requested clarification that, if the Trust is approved, the annual budget would identify the deposit amounts for the Trust each year, even if the amount was zero.

Ms. Molina reminded the Board of the presentation by Urban Futures, Inc. regarding the Other Post Employment Benefits (OPEB) and unfunded pension liabilities. She explained in detail the calculations of pension amounts and the needs which fluctuate each year.

In 2022, the Board adopted one section of the CalPERS 115 Trust for the District's OPEB liabilities (California Employers Retiree Benefit Trust [CERBT]), and payments have been made into it, Molina noted. This is policy for another Section 115 trust for unfunded pension liabilities, she said.

General Manager Jagers noted this is to solidify the District's ongoing strategy to limit liability and exposure over time by paying as it goes so that future ratepayers do not pay for today's costs.

Director Ramirez indicated this is a good move forward. Director Williams noted that the Finance and Audit Committee discussed the item and felt that going with Strategy 2 would be the best, most conservative way forward, and this is a very good plan for the District to show the funds specifically set aside and to maintain transparency.

Director Williams and Director Slawson acknowledged the work of the Finance Department team. It is good fiscal responsibility, Slawson noted.

In response to Director Covington, Mr. Jagers requested the Board determine whether to move this forward for final consideration with California Employers'

Pension Prefunding Trust (CEPPT) Strategy 2. Mr. Clayton added that two resolutions would come to the Board at a future meeting.

President Hoffman acknowledged this is a complex program, but this is a conservative approach, and there are funds dedicated for these needs. The District is in a good position and the amount dedicated is enough for this point in time, he stated, and recommended staff move forward to complete the proposal and bring it back to the Board for final discussion and approval.

Director Williams requested the directors review the redline sections that were added by the Finance and Audit Committee.

6. Review the Annual List of Preapproved Events and Director Appointments
(tabled from the 7/27/2023 meeting)

General Manager Jagers reminded the Board that the List of Preapproved Events (List) is considered annually in December. He pointed out that events on the Association of California Water Agencies (ACWA) website showing a water drop icon are those that are sponsored by the organization, and the calendar also lists events that are sponsored by other entities. Staff interprets the List as the water drop items are those which are preapproved, and the others are taken on a case-by-case basis, he noted.

Staff would like to receive clarity on the Board's desire and obtain direction to reinforce opportunities for training and avoid need for interpretation, Jagers explained.

Director Ramirez noted that a stated benefit of ACWA is to provide comprehensive leadership, advocacy, and resources for California public water agencies to ensure a high quality and reliable water supply. ACWA facilitates and/or promotes various webinars that are directly paid by ACWA or are a strong resource for education, and the spirit of the preapproved education and meetings was derived from webinars placed onto the ACWA website and all events within the ACWA website. He requested the Board extend the preapproval to all webinars stated on the ACWA website.

Director Williams stated that in order to keep the budget in line and in the spirit of being fiscally responsible, events should be kept to those preapproved as ACWA-sponsored events (water drop only) and anything else on the website should be brought before the Board for preapproval prior to attendance and request for per diem.

Director Slawson indicated that it is currently clear and has been working well for most, and should be kept the same. It is important to continue education and to strive to be better directors. Sometimes these meetings may not be pertinent to the District, but sometimes they might be, he said, and agreed with Director Williams.

Director Covington reminded that the Water Code provides for up to 10 meetings per month, and that is what should be budgeted. He noted that it took several months to create this list to ensure that these meetings for which the directors claim a stipend are water-related and/or have something on the agenda related to or of

interest to BCVWD. He said he believed the List has been working well and acknowledged the classes sponsored by ACWA which are denoted by the water drop. He said he supported the addition to Table A as long as the classes have some level of relevance to the water industry. There is no abuse of this policy by any director. Prior to this list, BCVWD directors did not strive to self-educate as the expenditures were frowned upon, and development of the policy and the list was due to the desire to be more educated, he reminded. Tonight, the objective is to clear up the gray area, Covington concluded.

Director Slawson clarified that he agreed with Director Williams on everything except the need for preapproval. He said he did not want to further complicate the List.

President Hoffman said it seems fairly simple to get preapproval for items that are not on the List and are appropriate for water. He agreed with Director Covington that everyone should be able to participate in an item that is water related to gain knowledge and understanding. If it is an item that is not preapproved, it should be approved each time so that each director can participate, he said.

Director Williams acknowledged the work in creating the List and said that the education was very beneficial as she does not work in the industry. At the same time, she continued, another purpose is if there is something that is not on the list that someone else found that may be beneficial (ACWA or other), and they can bring it forward for preapproval, then other directors may find that useful and have that opportunity.

Director Ramirez clarified that all of the listings on the ACWA website are water related whether ACWA-sponsored or not. He said he appreciated the efforts to be fiscally responsible and requested support for the addition to the List.

General Manager Jagers requested clarity to allow staff to interpret policy.

Director Covington noted that the same problem could arise with events of the California Special Districts Association. In response to a question from Director Covington, Mr. Jagers indicated there are additional related policies not presented in the Board agenda packet. Director Covington said the addition to the Table was not a policy issue and pointed out that coming to the Board for preapproval creates more work.

Director Slawson stated that the List is more of a guideline; that directors can submit a request for per diem for anything and will get paid, but will have to answer to the constituents. The List represents what the Board would like directors to go to as preapproved, but directors can go to any ACWA activities with a little extra exercise to approve it. He said he did not see that much of a problem with it as most directors will obtain approval and attendance at an event not preapproved is a rare circumstance. He stated that the List should be kept as-is; the Board had worked a long time on it.

Director Ramirez acknowledged that all concerns are being addressed and reiterated that all of the listings on the ACWA website are water related. It would be more efficient to use the List as a resource, he stated, and recommended that everything listed in Table A be brought to the Board for preapproval each month to see if the Board is fully conscious of topics and trainings available for each line

item. He noted that these events are within the allowable 10 meetings per month and are in keeping with being responsible with the District’s finances. He also pointed out that many times, the Chamber of Commerce events are not water-related, but they are attended to show partnership and get into the community.

Director Williams reminded that the items on the List were voted on at the December 14, 2022 meeting, and she recalled discussion noting that preapproval would only include the ACWA events with the water drop, and that other things would be brought forward. Staff brings forward the calendar monthly, and there is a vote, she noted.

Director Covington suggested adding the word “sponsored” to the Table with ACWA. Mr. Jagers suggested that to include all the events as requested, the Table would state “ACWA sponsored, ACWA promoted” events.

The Board preapproved all water-related webinars, trainings, and workshops on the ACWA and ACWA/JPIA websites by the following roll-call vote:

MOVED: Ramirez	SECONDED: Covington	APPROVED 3-2
AYES:	Covington, Hoffman, Ramirez	
NOES:	Williams, Slawson	
ABSTAIN:	None	
ABSENT:	None	

7. Request from Ad Hoc Communications Committee re: meeting frequency

General Manager Dan Jagers acknowledged prior direction from President Hoffman to meet every other month. Director Ramirez said he supported not having a meeting when unneeded, but explained that meetings have been beneficial and a substantial amount of work is being done. He requested the freedom to meet as needed, noting that monthly meetings are currently working.

Following directors’ comments, President Hoffman indicated that it is appropriate to continue on the current schedule with meetings scheduled in October and December. If there is a request for an additional meeting with an explanation, he said he would consider it.

8. Update: Streamlining of the Board Meeting Agenda

General Manager Dan Jagers indicated that staff has worked toward streamlining the meetings and reminded of prior discussion and provided some examples.

Director Ramirez acknowledged the Consent Calendar and the ability to pull an item for discussion. He noted opportunity to streamline items that do not need to be a full presentation and discussion and recommended offering the freedom for those items to be placed on the Consent Calendar, enabling staff to be efficient with time and the Board to better dedicate discussion to big topic items. Director Slawson concurred.

Director Williams indicated support for a written General Manager’s Report.

Director Covington said he agreed with most comments and indicated support for moving routine items to the Consent Calendar such as written reports from Legal Counsel, ad hoc committee reports from directors, status updates on the fire emergency, and the required reports from director per diem which bog down the meeting. He noted that later items in the agenda can be heard as late as 9:30 p.m. and could be moved to Consent in written form. He supported shortening meetings but advised that items on the Consent Calendar should not be those that should have discussion.

President Hoffman said he had learned much from the reports offered by the directors and said he appreciated the dedication to knowledge and responsibilities.

General Manager Jagers assured that staff is working toward a better agenda with quick and concise delivery of staff reports. He noted that there was a lot of work within the District in the 2000s that was not memorialized in the record and an effort is being made toward a conservative approach but more substantive staff report.

9. Ratification of the General Manager's Declaration of a District Emergency regarding Necessary Immediate Repairs to Well 11 and Well 19

General Manager Dan Jagers advised that he consulted last week with President Hoffman about the declaration of emergency related to two small wells in the upper San Gorgonio watershed (Edgar Canyon) which went down. He provided detail on the wells and issues and advised of the potential for loss of service due to Southern California Edison Public Safety Power Shutoffs (PSPS) and lack of redundancy. He also noted increased production and the fact that drawing from these wells reduces the need for costly recharge to the Beaumont Basin. He recommended addressing these quickly to assure redundancy.

The wells were pulled on Friday, Mr. Jagers continued. He described the issues and noted that repair is underway.

Director Williams asked about the PSPS and Jagers explained the practice of power shutoffs (de-energizing of power lines) in fire risk areas by the utility company during wind events to reduce the risk of powerline induced fires. During these shutoffs, wells are down, and production capability is lowered and cannot recover. Reservoirs are kept filled in anticipation of PSPS, he noted. Notification depends on weather events. Director Covington noted that notice can be just a few hours, and emphasized the value of having standby generators.

Estimated repair costs for the Well 11 pumping unit will be \$8,000, and \$15,000 for the replacement of the Well 19 pumping bowl, Jagers reported. The ancillary benefit for not buying imported water from the SGPWA is expected to be \$15,000 to \$20,000 over a 30-day period including energy costs.

The wells had been recently serviced and are otherwise in good shape, so no additional work is recommended at this time, Jagers noted.

Mr. Bean added that during the time of the declared emergency, a third well in the area failed, but was repaired by staff and is back online.

Upon completion of the repairs, staff will bring to the Board a final report clarifying total expenditures, Jagers added.

The Board ratified the General Manager’s Declaration of a District Emergency to address the emergency regarding necessary immediate repairs to Well 11 and Well 19 on Wednesday, August 2, 2023 by the following roll-call vote:

MOVED: Williams	SECONDED: Ramirez	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

10. Pennsylvania Avenue District Facilities Relocation Project Update and Funding

Mr. Jagers advised there is no written staff report for this item. Director of Engineering Mark Swanson reminded the Board of a report in November regarding the City’s plan to widen Pennsylvania Avenue, and needed District facilities relocation. He presented a PowerPoint and updated the Board on the widening project status.

The railroad will be shut down from Sept. 11 to 16, Swanson advised. The District will work with the contractor and will extend out of the way an Air Vac and blowoff from the 24-inch line running through the project area, he said. Swanson detailed the planned work.

The Board amended the previously approved budget for the Pennsylvania Avenue widening work in the amount of \$5,000 for a total approved amount of \$35,000 by the following roll-call vote:

MOVED: Williams	SECONDED: Ramirez	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

11. Consideration of Attendance at Upcoming Events and Authorization of Reimbursement and Per Diem

General Manager Jagers reminded the Board about the Sept. 7 Ribbon Cutting event with the Riverside County Flood Control District for the Master Drainage Plan (MDP) Line 16 stormwater project. The project has also received an award from the American Society of Civil Engineers, he noted, and advised of an awards event on August 17.

Directors indicated interest in the following events:

- Beaumont Chamber of Commerce Breakfast on Sept. 8 – Hoffman, Covington, Slawson, Williams
- Riverside County Water Task Force Sept. 15 – Ramirez (tentative), Slawson, Hoffman, Williams
- Beaumont Chamber of Commerce State of the City on Sept. 28 – Hoffman, Covington, Slawson, Williams (Engineering Workshop to be rescheduled)
- American Society of Civil Engineers awards event on August 17 – Williams, Slawson, Hoffman, Ramirez (tentative)

The Board pre-approved attendance of all directors at the following events for purposes of per diem and reimbursement of associated reasonable and necessary expenses per District policy:

- *MDP Line 16 Ribbon Cutting event on Sept. 7*
by the following roll-call vote:

MOVED: Covington	SECONDED: Williams	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

The Board pre-approved attendance of all directors at the following events for purposes of per diem and reimbursement of associated reasonable and necessary expenses per District policy:

- *Beaumont Chamber of Commerce State of the City dinner on Sept. 28*
by the following roll-call vote:

MOVED: Williams	SECONDED: Slawson	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

The Board pre-approved attendance of all directors at the following events for purposes of per diem and reimbursement of associated reasonable and necessary expenses per District policy:

- *American Society of Civil Engineers awards event on August 17*
by the following roll-call vote:

MOVED: Covington	SECONDED: Slawson	APPROVED 5-0
AYES:	Covington, Hoffman, Ramirez, Slawson, Williams	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

12. Status of Declared Local Emergencies related to Fires

- a. Impact of the Apple Fire pursuant to Resolution 2020-17
- b. Impact of the El Dorado Fire pursuant to Resolution 2020-20

General Manager Dan Jagers advised of some residual work remaining to be done.

13. Reports For Discussion and Possible Action

- a. Ad Hoc Committees:

Communications Committee: Director Ramirez reported:

- Press releases were prepared
- Referred to the written report

Sites Reservoir Committee: Mr. Jagers recommended scheduling a meeting with the SGPWA and the Committee to understand the current landscape of the Sites project, which is moving forward reasonably well.

Water Re-Use 3x2: Mr. Jagers reported that staff met recently with the SGPWA and the City to discuss next steps including a draft of a purchase agreement, and approaches to moving the project forward. The next meeting will be in a couple of weeks. The City Council is going to move forward with an adaptive management plan award next week including a change of use permit to remove the water from San Timoteo Creek.

- b. Directors' Reports:

Director Slawson reported on the following:

- San Gorgonio Pass Water Agency meetings

- c. Directors' General Comments: None.

- d. General Manager's Report:

Mr. Jagers reported:

- Water production is down 1,300 af this year so far
 - Greater opportunity to refill the storage account in the Beaumont Basin
 - Results in a reduction in revenue
- SGPWA has estimated that through the end of July, approximately 11,820 af have been imported to the region for recharge
 - Most of that was added to the BCVWD storage account for replenishment
- District-related SWAG has been distributed to local schools
- Appletree Lane paving is pretty well finished and was generally well-received
 - It was good that the Board authorized a 2-inch thick layer

- Met this morning with Beaumont City Manager and Utilities Manager and talked about recycled water, and a strategy for ongoing paving repair activities
- RFPs for booster design are going out
- Staff is working on the CIP projects

e. Legal Counsel Report: No report.

14. Topic List for Future Meetings:

- Update / Presentation on the AMR/AMI project
- Presentation on the San Bernardino Valley Resource Conservation District
- Presentation on solar power opportunities
- Sites Reservoir update
- Maximization of groundwater supplies

15. Announcements

President Hoffman pointed out the announcements:

- Personnel Committee Meeting: Tuesday, Aug. 15 at 5:30 p.m.
- Engineering Workshop: Thursday, Aug. 24 at 6 p.m.
- District offices closed Monday, Sept. 4 in observance of Labor Day
- MDP Line 16 Ribbon Cutting Ceremony: Thursday, Sept. 7 at 1:00 p.m. (By invitation only)
- Finance & Audit Committee meeting: Thursday, Sept. 7 at 3 p.m.
- Regular Board Meeting: Wednesday, Sept. 13 at 6 p.m.

16. Adjournment

President Hoffman adjourned the meeting at 8:27 p.m.

ATTEST:

DRAFT UNTIL APPROVED

DRAFT UNTIL APPROVED

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

Director Daniel Slawson, Secretary
to the Board of Directors of the
Beaumont-Cherry Valley Water District



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 3g

STAFF REPORT

TO: Board of Directors

FROM: Finance and Administration Department

SUBJECT: Resolution 2023-__Amending the District's Policies and Procedures Manual to add Policy 5047: Pension Funding, and

Resolution 2023-__Electing to Participate in the California Employers' Pension Prefunding Trust Program, Adopting the Agreement and Election to Prefund Employer Contributions to a Defined Benefit Pension Plan, and Authorization for Execution of Related Documents

Staff Recommendation

Adopt the following resolutions:

- Resolution 2023-__Amending the District's Policies and Procedures Manual to add Policy 5047: Pension Funding
- Resolution 2023-__Electing to Participate in the California Employers' Pension Prefunding Trust Program, Adopting the Agreement and Election to Prefund Employer Contributions to a Defined Benefit Pension Plan, and Authorization for Execution of Related Documents

Executive Summary

At its regular meeting of August 9, 2023, the Board of Directors reviewed and discussed the Finance and Audit Committee's recommendation to establish: a) CalPERS Pension 115 trust, specifically the California Employers' Pension Prefunding Trust (CEPPT) Strategy 2, and b) correlated Pension Funding Policy. The Board directed staff to complete the necessary documents to bring forward at the September regular meeting for the Board to consider final approval of said CalPERS Pension 115 trust and Pension Funding Policy.

Background

In September 2019, the Board of Directors of the Beaumont Cherry Valley Water District (Board) hosted a study session with a presentation by Urban Futures Incorporated (UFI), a financial advisory and consulting services firm, regarding options to address unfunded pension and Other Post Employment Benefits (OPEB) liabilities. At that time, UFI recommended that the District adopt a formal written pension and OPEB funding policy, stating their belief that rating agencies will require public agencies to formally adopt written policies to address unfunded pension/OPEB liabilities in the near term.

At a special meeting of the Finance and Audit Committee on May 25, 2021, discussion was held regarding the increase in the liability, and it was suggested that the topic be brought back to a future meeting of the full Board, specifically to re-examine the alternatives for pre-funding the OPEB liability, consider adoption of an OPEB funding policy, and OPEB funding strategy.



On July 14, 2021, the Board was presented with several options to consider for pre-funding both the pension and OPEB obligations, and on August 11, 2021, Matt Goss, Program Manager, Customer Outreach and Support at CalPERS, presented further information on prefunding tools available to the District that could manage costs and increase investment income.

On May 11, 2022, the Board was presented with the recommendation by staff to complete the process of setting up a Section 115 Trust to prefund the District's OPEB liability, and the Board moved to adopt Resolution 2022-14: Amending the District's Policies and Procedures Manual to add Policy 5046: Other Post-Employment Benefits Funding, as well as Resolution 2022-15: Electing to Participate in the California Employers' Retiree Trust Program, Adopting the Agreement to Prefund Other Post-Employment Benefits Through CalPERS, and Execution of Related Documents.

District staff recommends following a similar process to the OPEB Section 115 trust establishment to establish a Section 115 pension trust, also with CalPERS, through its California Employers' Pension Prefunding Trust (CEPPT) Fund, and requests that the Finance and Audit Committee consider a proposed Pension Funding Policy, and review of CEPPT Strategy 1 and 2.

Summary

Pension 115 Trust Benefits

A Section 115 trust is a tax-exempt investment vehicle authorized by the Internal Revenue Code (IRC) used to prefund essential government expenses (e.g., retiree medical and retirement plan benefits). To remain tax-exempt, assets held in a Section 115 trust are designated as irrevocable, meaning they must be used to fund the District's pension plan obligations. Additionally, monies held in such trusts can be invested in accordance with the rules governing those trusts, which are different than the investment rules for the District's pooled investments. Setting aside funds in a Section 115 Trust can potentially earn a higher rate of return than if funds were invested by the District or even the District's investment advisor, Chandler Asset Management.

Funds placed in a Section 115 trust can remain in the trust until a point in time when the District chooses to draw on its assets to pay annual Unfunded Accrued Liability (UAL) obligations or reimburse the District for its normal pension-related costs. The District may withdraw funds by adopting policies and procedures that include requiring action be taken by the Board. The District would set its own restrictions on how and when the funds can be used and withdrawn.

Some of the other benefits that a Section 115 trust program can provide are summarized below:

- Financial management and stability - the creation, funding, and management of a pension trust signals to the credit rating agencies as well as the broader public that the organization is looking to manage these large unfunded liabilities
- Investment returns may help pay for benefits - while investment returns are not guaranteed, the pension trust is generally invested for the long-term and is projected to have higher returns than general governmental funds – these excess returns may be used to reduce the long-term cost of the pension plan
- Enhanced intergenerational equity - the plan sponsor and taxpayer of today will fund benefits that are earned today so that these costs are not borne by a future taxpayer



Pension 115 Trust Options

District staff researched Section 115 trust options in March and April of 2022 and found through other agencies' RFPs that there are very few options to choose from. Some key entities that offer pension trusts to meet the needs of the District are vendors such as CalPERS, Keenan Financial, Public Agency Retirement Services (PARS) and PFM.

While all four options can provide adequate services, District staff's evaluation process concluded that CalPERS would provide the best overall value for the District. CalPERS has extensive experience with OPEB and Pension trusts, with over 550 California public agencies participating in its program and a 98% retention rate, the most broadly diversified portfolios, unmatched resources and economies of scale, and the lowest total participation cost.

CalPERS' Section 115 Pension Trust, the California Employers' Pension Prefunding Trust (CEPPT), consists of two strategy investment options, identified as Strategy 1 and Strategy 2. The CEPPT is a self-funded, not-for-profit program where participating employers pay for the total costs of the trust option. The CalPERS program is managed by CalPERS (administrator), State Street Global Advisors (investment manager) and State Street Bank (trustee). The CEPPT has an all-inclusive fee rate of 25 basis points (0.25%) of employer account assets under management. There are no other fees. All employers pay the same fee rate, which may be higher or lower in the future per CalPERS. Termination requires 150 days advance notice and CalPERS Board approval.

Given the high level of service and responsiveness given to its members, District staff further identifies that having CalPERS as the Trust Administrator should provide a low commitment of staff time and minimizing impacts to other ongoing projects and responsibilities.

Pension Funding Policy

"Pension Funding: A Guide for Elected Officials", states: "The most important step for local and state governments to take is to base their pension funding policy on an actuarially determined contribution (ADC). The ADC should be obtained on an annual or biannual basis. The pension policy should promote fiscal discipline and intergenerational equity, and clearly report when and how pension plans will be fully funded."

The "Proposed Pension Funding Policy", Exhibit A to Attachment 1, is based on the actuarially determined contribution obtained from CalPERS actuaries on an annual basis. In practice, the District budgets for and contributes the ADC each year, and staff is recommending that said practice be formalized in a policy, with the ultimate goal of ensuring that pension promises can be paid, District costs can be managed, and the plan to fund pensions is clear to everyone. District Legal Counsel has reviewed the Proposed Pension Funding Policy.

Fiscal Impact

A total of \$135,000 would be deposited in the CalPERS CEPPT in 2023 for budgetary amounts set aside in 2020, 2021, and 2022. The District will retain full access to these funds to meet future pension-related obligations as needed at the sole discretion of the District. The CalPERS fee for administering the fund is 25 basis points; based on the proposed balance of \$135,000 the total



fee would be \$337.50 ($\$135,000 \times 0.0025$) per year. Offsetting this fee, utilizing the more conservative Strategy 2, the District may achieve \$3,240 in returns over the first year, depending on market performance.

Attachments

1. Proposed Resolution 2023-__: Policy 5047: Pension Funding
 - a. Exhibit A – Proposed Policy 5047
2. Proposed Resolution 2023-__: Electing to Participate in the California Employers' Pension Prefunding Trust Program, Adopting the Agreement and Election to Prefund Employer Contributions to a Defined Benefit Pension Plan and Authorization for Execution of Related Documents
 - a. Exhibit A – Agreement and Election to Prefund Employer Contributions
 - b. Exhibit B – Delegation of Authority

Staff Report prepared by Bill Clayton, Finance Manager

Attachment 1

RESOLUTION 2023-__

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT AMENDING THE DISTRICT'S POLICIES AND PROCEDURES MANUAL TO ADD POLICY 5047: PENSION FUNDING

WHEREAS, on March 18, 2009 the Board of Directors of the Beaumont-Cherry Valley Water District adopted Resolution 2009-05, establishing a Policies and Procedures Manual applicable to Board of Directors and District staff; and

WHEREAS, it has been recommended by financial consultants that the District adopt a formal written pension and Other Post-Employment Benefits (OPEB) funding policy; and

WHEREAS, the Board of Directors has determined that it is in the best interests of the District and to establish said policy; and

WHEREAS, the Board of Directors has reviewed and considered the addition of Policy 5047 to the BCVWD Policies and Procedures Manual attached as Exhibit A and finds the policy relevant and acceptable,

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of the Beaumont-Cherry Valley Water District that the BCVWD Policies and Procedures Manual is amended to include Policy 5047 as attached hereto as Exhibit A.

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

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

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

Director Daniel Slawson, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment – Exhibit A – Policy 5047

POLICY TITLE: PENSION FUNDING POLICY
POLICY NUMBER: 5047

5047.1 Purpose. The purpose of this Pension Funding Policy (Policy) is to establish a plan, methodology and a process for funding current and future costs associated with the District's contractual obligations to provide pension benefits, and that the cost of those benefits will be funded in an equitable and sustainable manner.

5047.2 Background. The District provides its permanent employees with a defined benefit pension through the California Public Employees' Retirement System (CalPERS). Recent changes at CalPERS have increased the District's required payments to the pension plan and decreased the plan's funded status. The District is anticipating that CalPERS will continue to enact changes to increase the financial stability of its pension program, and that those changes will result in higher District contributions. The District has assessed options to help address the increased pension costs and their volatility and has determined that it would be beneficial to join a trust in which to set aside District funds for future pension payments.

5047.3 Policy.

It is the policy of the District to fulfill its obligation to maintain fiscally responsible management practices and to ensure that promised pension benefits are funded. To that end, the District will meet its pension funding obligations as follows:

1. **Actuarially Determined Contributions:** Each fiscal year, the District will contribute to CalPERS the amount determined by CalPERS actuaries to be the minimum required employer contribution for that year. The minimum employer contribution consists of two components, normal cost and unfunded accrued liability ("UAL"). The normal cost is expressed as a rate that is applied to pensionable payroll costs and reflects the cost of pension benefits earned by employees in the current fiscal year. The UAL payment is a flat dollar amount that represents a portion of the cost of past benefits earned by employees, but for which, because of deviations in actual experience and changes in assumptions about investment performance, the normal cost rates established for those prior years have been determined to be insufficient to provide the promised retirement benefit. The CalPERS actuaries recalculate the total UAL each year and an updated multi-year amortization schedule is provided to show the projected annual minimum required employer payments.
2. **Annual UAL Payment:** CalPERS offers the option to make monthly payments on the UAL or prepay the entire annual UAL amount at a discounted level by the end of July. Assuming the District's current reserves meet their respective reserve policies, the District will prepay its annual UAL payment each July to achieve budgetary savings.
3. **Section 115 Pension Trust:** The District will establish and maintain a pension stabilization fund in the form of a Section 115 Pension Trust (Trust). Assets in the Trust may be used only for pension related costs and at the direction of the Board. The District's objective with the Trust is to accumulate assets to fund its CalPERS pension costs and future obligations, as well as mitigate the budget impact of costs associated with future UAL. The District will strive to meet the following guidelines:
 - a. **Initial Deposit:** To begin the funding of the Trust, the District will make a one-time contribution of \$135,000 to the Trust utilizing previously set aside reserve funds allocated by the Board.
 - b. **Ongoing Deposits:** The District will consider making additional contributions to the Trust on an annual basis at a minimum every year. District staff may bring forward an additional contribution to the Trust Plan.

BEAUMONT-CHERRY VALLEY WATER DISTRICT

The total recommended contribution amount within the following year's annual budget will be approved by the Board via Resolution as part of the annual Resolution adopting said annual District budget.

- c. Use of Trust Funds: Funds as allowed by the Trust may be used for any of the following purposes: (1) District's annual UAL payment to CalPERS, (2) District's annual normal cost payment to CalPERS, (3) reimbursement to the District for CalPERS pension costs, and (4) Additional Discretionary Payments to CalPERS. Withdrawals will be recommended by the General Manager or designee during the budget process or as a separate Board Agenda Item for approval.
4. **Additional Discretionary Payments:** CalPERS allows member agencies to make Additional Discretionary Payments (ADPs) at any time and in any amount, which would serve to reduce the District's UAL and future required contributions. Once the District's Trust is established, the District has the option to make ADPs to CalPERS using the assets held in the Trust, if desired. The District will consider ADPs within the context of its annual evaluation of reserve levels, budgetary requirements, funded ratio, and other timing considerations unique to CalPERS' investment performance. ADPs may prove to be advantageous in the future once Trust levels are funded to sufficient thresholds to stabilize budgetary volatility.

5047.4 Delegation of Authority. The management oversight responsibility for the District's pension program is delegated by the Board to the General Manager. The General Manager may delegate the authority to conduct transactions and to manage the operation of the Section 115 Trust to the Director of Finance and Administration. These officers shall meet regularly to discuss retirement costs and to review CalPERS actuarial report and the District's normal cost and UAL. Contributions and withdrawals must meet the District's fiscal objectives. No person may engage in additional pension transactions except as expressly provided under the terms of this Policy.

5047.5 Reporting. Addressing retirement costs is a dynamic process. CalPERS makes adjustments annually to the District's normal Cost and Unfunded Accrued Liability (UAL). These changes require multi-year financial planning and for the District to make corresponding budgetary adjustments. The District shall therefore evaluate its pension liabilities each year.

After the release of the most current CalPERS actuarial report, District staff shall present a summary of each plan's funding status. New amortization levels shall be specifically addressed. This information shall be presented during a public Board meeting, which shall include a summary of funding status, funding progress compared to prior years, as well as any recommended actions and/or budget adjustments to address areas of concern.

5047.6 Policy Review. The District shall review this Policy periodically to determine if changes to this policy are necessary to ensure progress is being made towards funding the District's CalPERS pension costs and mitigating the impact of the costs associated with future UAL.

RESOLUTION 2023-__

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT ELECTING TO PARTICIPATE IN THE CALIFORNIA EMPLOYERS' PENSION PREFUNDING TRUST PROGRAM (CEPPT), ADOPTING THE AGREEMENT TO PREFUND EMPLOYER CONTRIBUTIONS TO A DEFINED BENEFIT PENSION PLAN, AND AUTHORIZATION FOR EXECUTION OF RELATED DOCUMENTS

WHEREAS, the California Public Employees Retirement System (CalPERS) has established the California Employers' Pension Prefunding Trust (CEPPT) to manage a pension contribution fund for public agencies through an irrevocable trust, in compliance with Internal Revenue Code Section 115; and

WHEREAS, a thorough evaluation of options for responsibly addressing the District's long-term obligation for pension benefits was performed and staff has recommended participation in the CEPPT Strategy 2 as the most appropriate option; and

WHEREAS, at its regular meeting of September 13, 2023 the Board adopted Resolution 2023-__ authorizing participation in the CEPPT and authorizing the General Manager or designee to execute all documents to facilitate the prefunding, investment management and administration of the District's pension contributions, and established an irrevocable Section 115 trust pursuant to the Internal Revenue Code for purposes of prefunding pension contributions, administered by CalPERS; and

WHEREAS, a funding policy establishes guidelines for CEPPT plan funding through actuarial valuations, regular contribution rates, contribution timing and actuarial assumptions, and represents a best practice in the Board's fiduciary oversight of the Pension Trust,

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

SECTION 1. The Board of Directions does hereby approve the CEPPT Agreement and Election of the District to Prefund Employer Contributions to a Defined Benefit Pension Plan (Exhibit A) through CalPERS

SECTION 2. The Board of Directors does hereby delegate to the General Manager or the General Manager's designee authority to request, on behalf of the District, eligible disbursements from the CEPPT as needed and to certify as to the purpose for which the disbursed funds will be used (Exhibit B)

SECTION 3. The Board of Directors does hereby authorize the General Manager or designee to execute all documents to facilitate the funding, investment management and administration of the District's pension contributions.

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

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

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

Director Daniel Slawson, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

APPROVED AS TO FORM:

James Markman, Legal Counsel
To the Beaumont-Cherry Valley Water District

Exhibits:

- A. California Employers' Pension Prefunding Trust Program ("CEPPT") Agreement and Election of Beaumont-Cherry Valley Water District to Prefund Employer Contributions to a Defined Benefit Pension Plan through CalPERS
- B. Delegation of Authority to Request Disbursements California Employers' Pension Prefunding Trust (CEPPT)

CALIFORNIA EMPLOYERS' PENSION PREFUNDING TRUST PROGRAM

**AGREEMENT AND ELECTION
OF**

Beaumont-Cherry Valley Water District

(NAME OF EMPLOYER)

**to Prefund Employer Contributions to a Defined Benefit
Pension Plan**

WHEREAS (1) Government Code (GC) Section 21711(a) establishes in the State Treasury the California Employers' Pension Prefunding Trust Fund (CEPPT), a special trust fund for the purpose of allowing eligible employers to prefund their required pension contributions to a defined benefit pension plan (each an Employer Pension Plan) by receiving and holding in the CEPPT amounts that are intended to be contributed to an Employer Pension Plan at a later date; and

WHEREAS (2) GC Section 21711(b) provides that the California Public Employees' Retirement System (CalPERS) Board of Administration (Board) has sole and exclusive control of the administration and investment of the CEPPT, the purposes of which include, but are not limited to (i) receiving contributions from participating employers; (ii) investing contributed amounts and income thereon, if any, in order to receive yield on the funds; and (iii) disbursing contributed amounts and income thereon, if any, to pay for costs of administration of the CEPPT and to deposit employer contributions into Employer Pension Plans in accordance with their terms; and

WHEREAS (3) **Beaumont-Cherry Valley Water District**

(NAME OF EMPLOYER)

(Employer) desires to participate in the CEPPT upon the terms and conditions set by the Board and as set forth herein; and

WHEREAS (4) Employer may participate in the CEPPT upon (i) approval by the Board and (ii) filing a duly adopted and executed Agreement and Election to Prefund Employer Contributions to a Defined Benefit Pension Plan (Agreement) as provided in the terms and conditions of the Agreement; and

WHEREAS (5) The CEPPT is a trust fund that is intended to perform an essential governmental function (that is, the investment of funds by a State, political subdivision or 115 entity) within the meaning of Internal Revenue Code (Code) Section 115 and Internal Revenue Service Revenue Ruling 77-261, and as an Investment Trust Fund, as defined in Governmental Accounting Standards Board (GASB) Statement No. 84, Paragraph 16, for accounting and financial reporting of fiduciary activities from the

external portion of investment pools and individual investment accounts that are held in a trust that meets the criteria in Paragraph 11c(1).

WHEREAS (6) The CEPPT is not a Code Section 401(a) qualified trust and the assets held in the CEPPT are not assets of any Employer Pension Plan or any plan qualified under Code Section 401(a).

NOW, THEREFORE, BE IT RESOLVED THAT EMPLOYER HEREBY MAKES THE FOLLOWING REPRESENTATION AND WARRANTY AND THAT THE BOARD AND EMPLOYER AGREE TO THE FOLLOWING TERMS AND CONDITIONS:

A. Employer Representation and Warranty

Employer hereby represents and warrants that it is the State of California or a political subdivision thereof, or an entity whose income is excluded from gross income under Code Section 115(1).

B. Adoption and Approval of the Agreement; Effective Date; Amendment

(1) Employer's governing body shall elect to participate in the CEPPT by adopting this Agreement and filing with the Board a true and correct original or certified copy of this Agreement as follows:

Filing by mail, send to: CalPERS
CEPPT
P.O. Box 1494
Sacramento, CA 95812-1494

Filing in person, deliver to: CalPERS Mailroom
CEPPT
400 Q Street
Sacramento, CA 95811

(2) Upon receipt of the executed Agreement, and after approval by the Board, the Board shall fix an effective date and shall promptly notify Employer of the effective date of the Agreement. Employer shall provide the Board such other documents as the Board may request, including, but not limited to a certified copy of the resolution(s) of the governing body of Employer authorizing the adoption of the Agreement and documentation naming Employer's successor entity in the event that Employer ceases to exist prior to termination of this Agreement.

(3) The terms of this Agreement may be amended only in writing upon the agreement of both the Board and Employer, except as otherwise provided herein. Any such amendment or modification to this Agreement shall be adopted and executed in the same manner as required for the Agreement. Upon receipt of the executed amendment or modification, the Board shall fix the effective date of the amendment or modification.

(4) The Board shall institute such procedures and processes as it deems necessary to administer the CEPPT, to carry out the purposes of this Agreement, and to maintain the tax-exempt status of the CEPPT. Employer agrees to follow such procedures and processes.

C. Employer Reports Provided for the Board's Use in Trust Administration and Financial Reporting and Employer Contributions

(1) Employer shall provide to the Board a defined benefit pension plan cost report on the basis of the actuarial assumptions and methods prescribed by Actuarial Standards of Practice (ASOP) or prescribed by GASB. Such report shall be for the Board's use in trust administration and financial reporting and shall be prepared at least as often as the minimum frequency required by applicable GASB Standards. This defined benefit pension plan cost report may be prepared as an actuarial valuation report or as a GASB compliant financial report. Such report shall be:

- 1) prepared and signed by a Fellow or Associate of the Society of Actuaries who is also a Member of the American Academy of Actuaries or a person with equivalent qualifications acceptable to the Board;
- 2) prepared in accordance with ASOP or with GASB; and
- 3) provided to the Board prior to the Board's acceptance of contributions for the reporting period or as otherwise required by the Board.

(2) In the event that the Board determines, in its sole discretion, that Employer's cost report is not suitable for the Board's purposes and use or if Employer fails to provide a required report, the Board may obtain, at Employer's expense, a report that meets the Board's trust administration and financial reporting needs. At the Board's option, the Board may recover the costs of obtaining the report either by billing and collecting such amount from Employer or through a deduction from Employer's Prefunding Account (as defined in Paragraph D(2) below).

(3) Employer shall notify the Board in writing of the amount and timing of contributions to the CEPPT, which contributions shall be made in the manner established by the Board and in accordance with the terms of this Agreement and any procedures adopted by the Board.

(4) The Board may limit Employer's contributions to the CEPPT to the amount necessary to fully fund the actuarial present value of total projected benefit payments not otherwise prefunded through the applicable Employer Pension Plan (Unfunded PVFB), as set forth in Employer's cost report for the applicable period. If Employer's contribution would cause the assets in Employer's Prefunding Account to exceed the Unfunded PVFB, the Board may refuse to accept the contribution. If Employer's cost report for the applicable period does not set forth the Unfunded PVFB, the Board may

refuse to accept a contribution from Employer if the contribution would cause the assets in Employer's Prefunding Account to exceed Employer's total pension liability, as set forth in Employer's cost report.

(5) No contributions are required. Contributions can be made at any time following the effective date of this Agreement if Employer has first complied with the requirements of this Agreement, including Paragraph C.

(6) Employer acknowledges and agrees that assets held in the CEPPT are not assets of any Employer Pension Plan or any plan qualified under Code Section 401(a), and will not become assets of such a plan unless and until such time as they are distributed from the CEPPT and deposited into an Employer Pension Plan.

D. Administration of Accounts; Investments; Allocation of Income

(1) The Board has established the CEPPT as a trust fund consisting of an aggregation of separate single-employer accounts, with pooled administrative and investment functions.

(2) All Employer contributions and assets attributable to Employer contributions shall be separately accounted for in the CEPPT (Employer's Prefunding Account). Assets in Employer's Prefunding Account will be held for the exclusive purpose of funding Employer's contributions to its Employer Pension Plan(s) and defraying the administrative expenses of the CEPPT.

(3) The assets in Employer's Prefunding Account may be aggregated with the assets of other participating employers and may be co-invested by the Board in any asset classes appropriate for a Code Section 115 trust, subject to any additional requirements set forth in applicable law, including, but not limited to, subdivision (d) of GC Section 21711. Employer shall select between available investment strategies in accordance with applicable Board procedures.

(4) The Board may deduct the costs of administration of the CEPPT from the investment income of the CEPPT or from Employer's Prefunding Account in a manner determined by the Board.

(5) Investment income earned shall be allocated among participating employers and posted to Employer's Prefunding Account daily Monday through Friday, except on holidays, when the allocation will be posted the following business day.

(6) If, at the Board's sole discretion and in compliance with accounting and legal requirements applicable to an Investment Trust Fund and to a Code Section 115 compliant trust, the Board determines to its satisfaction that all obligations to pay defined benefit pension plan benefits in accordance with the applicable Employer Pension Plan terms have been satisfied by payment or by defeasance with no remaining risk regarding the amounts to be paid or the value of assets held in the

CEPPT, then the residual Employer assets held in Employer's Prefunding Account may be returned to Employer.

E. Reports and Statements

(1) Employer shall submit with each contribution a contribution report in the form and containing the information prescribed by the Board.

(2) The Board, at its discretion but at least annually, shall prepare and provide a statement of Employer's Prefunding Account reflecting the balance in Employer's Prefunding Account, contributions made during the period covered by the statement, investment income allocated during such period, and such other information as the Board may determine.

F. Disbursements

(1) Employer may receive disbursements from the CEPPT not to exceed, on an annual basis, the amount of the total annual Employer contributions to Employer's Pension Plan for such year.

(2) Employer shall notify the Board in writing in the manner specified by the Board of the persons authorized to request disbursements from the CEPPT on behalf of Employer.

(3) Employer's request for disbursement shall be in writing signed by Employer's authorized representative, in accordance with procedures established by the Board, and the Board may rely conclusively upon such writing. The Board may, but is not required to, require that Employer certify or otherwise demonstrate that amounts disbursed from Employer's Prefunding Account will be used solely for the purposes of the CEPPT. However, in no event shall the Board have any responsibility regarding the application of distributions from Employer's Prefunding Account.

(4) No disbursement shall be made from the CEPPT which exceeds the balance in Employer's Prefunding Account.

(5) Requests for disbursements that satisfy the above requirements will be processed on at least a monthly basis.

(6) The Board shall not be liable for amounts disbursed in error if it has acted upon the written instruction of an individual authorized by Employer to request disbursements, and is under no duty to make any investigation or inquiry about the correctness of such instruction. In the event of any other erroneous disbursement, the extent of the Board's liability shall be the actual dollar amount of the disbursement, plus interest at the actual earnings rate but not less than zero.

G. Costs of Administration

Employer shall pay its share of the costs of administration of the CEPPT, as determined by the Board and in accordance with Paragraph D.

H. Termination of Employer's Participation in the CEPPT

(1) The Board may terminate Employer's participation in the CEPPT if:

- (a) Employer's governing body gives written notice to the Board of its election to terminate; or
- (b) The Board determines, in its sole discretion, that Employer has failed to satisfy the terms and conditions of applicable law, this Agreement or the Board's rules, regulations or procedures.

(2) If Employer's participation in the CEPPT terminates for either of the foregoing reasons, all assets in Employer's Prefunding Account shall remain in the CEPPT, except as otherwise provided below, and shall continue to be invested and accrue income as provided in Paragraph D, and Employer shall remain subject to the terms of this Agreement with respect to such assets.

(3) After Employer's participation in the CEPPT terminates, Employer may not make further contributions to the CEPPT.

(4) After Employer's participation in the CEPPT terminates, disbursements from Employer's Prefunding Account may continue upon Employer's instruction or otherwise in accordance with the terms of this Agreement.

(5) After Employer's participation in the CEPPT terminates, the governing body of Employer may request either:

- (a) A trustee to trustee transfer of the assets in Employer's Prefunding Account to a trust dedicated to prefunding Employer's required pension contributions; provided that the Board shall have no obligation to make such transfer unless the Board determines that the transfer will satisfy applicable requirements of the Code, other law and accounting standards, and the Board's fiduciary duties. If the Board determines that the transfer will satisfy these requirements, the Board shall then have one hundred fifty (150) days from the date of such determination to effect the transfer. The amount to be transferred shall be the amount in Employer's Prefunding Account as of the date of the transfer (the "transfer date") and shall include investment earnings up to an investment earnings allocation date preceding the transfer date. In no event shall the investment earnings allocation date precede the transfer date by more than 150 days.

- (b) A disbursement of the assets in Employer's Prefunding Account; provided that the Board shall have no obligation to make such disbursement unless the Board determines that, in compliance with the Code, other law and accounting standards, and the Board's fiduciary duties, all of Employer's obligations for payment of defined benefit pension plan benefits and reasonable administrative costs of the Board have been satisfied. If the Board determines that the disbursement will satisfy these requirements, the Board shall then have one hundred fifty (150) days from the date of such determination to effect the disbursement. The amount to be disbursed shall be the amount in Employer's Prefunding Account as of the date of the disbursement (the "disbursement date") and shall include investment earnings up to an investment earnings allocation date preceding the disbursement date. In no event shall the investment earnings allocation date precede the disbursement date by more than 150 days.

(6) After Employer's participation in the CEPPT terminates and at such time that no assets remain in Employer's Prefunding Account, this Agreement shall terminate. To the extent that assets remain in Employer's Prefunding Account, this Agreement shall remain in full force and effect.

(7) If, for any reason, the Board terminates the CEPPT, the assets in Employer's Prefunding Account shall be paid to Employer to the extent permitted by law and Code Section 115 after retention of (i) an amount sufficient to pay the Unfunded PVFB as set forth in a current defined benefit pension plan(s) cost report prepared in compliance with ASOP and the requirements of Paragraph C(1), and (ii) amounts sufficient to pay reasonable administrative costs of the Board. Amounts retained by the Board to pay the Unfunded PVFB shall be transferred to (i) another Code Section 115 trust dedicated to prefunding Employer's required pension contributions, subject to the Board's determination that such transfer will satisfy applicable requirements of the Code, other law and accounting standards, and the Board's fiduciary duties or (ii) Employer's Pension Plan, subject to acceptance by Employer's Pension Plan.

(8) If Employer ceases to exist but Employer's Prefunding Account continues to exist, and if no provision has been made to the Board's satisfaction by Employer with respect to Employer's Prefunding Account, the Board shall be permitted to identify and appoint a successor to Employer under this Agreement, provided that the Board first determines, in its sole discretion, that there is a reasonable basis upon which to identify and appoint such a successor and provided further that such successor agrees in writing to be bound by the terms of this Agreement. If the Board is unable to identify or appoint a successor as provided in the preceding sentence, then the Board is authorized to appoint a third-party administrator or other successor to act on behalf of Employer under this Agreement and to otherwise carry out the intent of this Agreement with respect to Employer's Prefunding Account. Any and all costs associated with such appointment shall be paid from the assets attributable to Employer's Prefunding Account. At the Board's option, and subject to acceptance by Employer's Pension Plan,

the Board may instead transfer the assets in Employer's Prefunding Account to Employer's Pension Plan and terminate this Agreement.

(9) If the Board determines, in its sole discretion, that Employer has breached the representation and warranty set forth in Paragraph A., the Board shall take whatever action it deems necessary to preserve the tax-exempt status of the CEPPT.

I. Indemnification

Employer shall indemnify, defend, and hold harmless CalPERS, the Board, the CEPPT, and all of the officers, trustees, agents and employees of the foregoing from and against any loss, liability, claims, causes of action, suits, or expense (including reasonable attorneys' fees and defense costs, lien fees, judgments, fines, penalties, expert witness fees, appeals, and claims for damages of any nature whatsoever) not charged to the CEPPT and imposed as a result of, arising out of, related to or in connection with (1) the performance of the Board's duties or responsibilities under this Agreement, except to the extent that such loss, liability, suit or expense results or arises from the Board's own gross negligence, willful misconduct or material breach of this Agreement, or (2) without limiting the scope of Paragraph F(6) of this Agreement, any acts taken or transactions effected in accordance with written directions from Employer or any of its authorized representatives or any failure of the Board to act in the absence of such written directions to the extent the Board is authorized to act only at the direction of Employer.

J. General Provisions

(1) Books and Records

Employer shall keep accurate books and records connected with the performance of this Agreement. Such books and records shall be kept in a secure location at Employer's office(s) and shall be available for inspection and copying by the Board and its representatives.

(2) Notice

(a) Any notice or other written communication pursuant to this Agreement will be deemed effective immediately upon personal delivery, or if mailed, three (3) days after the date of mailing, or if delivered by express mail or e-mail, immediately upon the date of confirmed delivery, to the following:

For the Board:

Filing by mail, send to:
CalPERS
CEPPT
P.O. Box 1494
Sacramento, CA 95812-1494

Filing in person, deliver to:
CalPERS Mailroom
CEPPT
400 Q Street
Sacramento, CA 95811

For Employer:

Beaumont-Cherry Valley Water District
560 Magnolia Ave.
Beaumont, CA 92223

(b) Either party to this Agreement may, from time to time by notice in writing served upon the other, designate a different mailing address to which, or a different person to whom, all such notices thereafter are to be addressed.

(3) Survival

All representations, warranties, and covenants contained in this Agreement, or in any instrument, certificate, exhibit, or other writing intended by the parties to be a part of this Agreement shall survive the termination of this Agreement.

(4) Waiver

No waiver of a breach, failure of any condition, or any right or remedy contained in or granted by the provisions of this Agreement shall be effective unless it is in writing and signed by the party waiving the breach, failure, right, or remedy. No waiver of any breach, failure, right, or remedy shall be deemed a waiver of any other breach, failure, right, or remedy, whether or not similar, nor shall any waiver constitute a continuing waiver unless the writing so specifies.

(5) Necessary Acts; Further Assurances

The parties shall at their own cost and expense execute and deliver such further documents and instruments and shall take such other actions as may be reasonably required or appropriate to evidence or carry out the intent and purposes of this Agreement.

(6) Incorporation of Amendments to Applicable Laws and Accounting Standards

Any references to sections of federal or state statutes or regulations or accounting standards shall be deemed to include a reference to any amendments thereof and any successor provisions thereto.

(7) Days

Wherever in this Agreement a set number of days is stated or allowed for a particular event to occur, the days are understood to include all calendar days, including weekends and holidays, unless otherwise stated.

(8) No Third Party Beneficiaries

Except as expressly provided herein, this Agreement is for the sole benefit of the parties hereto and their permitted successors and assignees, and nothing herein, expressed or implied, will give or be construed to give any other person any legal or equitable rights hereunder. Notwithstanding the foregoing, CalPERS, the CEPPT, and all of the officers, trustees, agents and employees of CalPERS, the CEPPT and the Board shall be considered third party beneficiaries of this Agreement with respect to Paragraph I above.

(9) 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.

A majority vote of Employer’s Governing Body at a public meeting held on the _____ day of the month of _____ in the year _____, authorized entering into this Agreement.

Signature of the Presiding Officer: _____

Printed Name of the Presiding Officer: David Hoffman, President

Name of Governing Body: Board of Directors

Name of Employer: Beaumont-Cherry Valley Water District

Date: September 13, 2023

BOARD OF ADMINISTRATION
CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

BY _____
MELODY BENAVIDES
DIVISION CHIEF, PENSION CONTRACTS AND PREFUNDING PROGRAMS
CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

To be completed by CalPERS
The effective date of this Agreement is: _____



California Public Employees' Retirement System
 California Employers' Pension Prefunding Trust (CEPPT)
 400 Q Street, Sacramento, CA 95811
 www.calpers.ca.gov

**Exhibit B
 of Attachment 2**

Delegation of Authority to Request Disbursements
 California Employers' Pension Prefunding Trust
 (CEPPT)

**RESOLUTION
 OF THE**

Board of Directors

(GOVERNING BODY)

OF THE

Beaumont-Cherry Valley Water District

(NAME OF EMPLOYER)

The Board of Directors delegates to the incumbents
 (GOVERNING BODY)

in the positions of General Manager and
 (TITLE)

Assistant Director of Finance and Administration, and/or
 (TITLE)

Finance Manager authority to request on behalf of the
 (TITLE)

Employer disbursements from the Pension Prefunding Trust and to certify as to the purpose for which the disbursed funds will be used.

By _____

Title _____

Witness _____

Date _____



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 4

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: PUBLIC HEARING: Resolution 2023-___: California Environmental Quality Act and Adopting Initial Study Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the 2020-2021 Replacement Pipelines Project

Staff Recommendation

- a. Conduct Public Hearing
- b. Adopt Resolution 2023-___: Adopting an Initial Study Mitigated Negative Declaration (MND) and Mitigation Monitoring and Reporting Program for the 2020-2021 Replacement Pipelines Project.

Executive Summary

District staff has been undergoing plan review for the 2020-2021 Replacement Pipelines Project. The environmental subconsultant has completed a draft Initial Study Mitigated Negative Declaration (MND) to assess the potentially adverse environmental effects of the proposed project pursuant to California Environmental Quality Act (CEQA) guidelines §15063. The findings of the report indicate that there are some potentially significant environmental effects that could occur; however, the study identifies mitigation measures which would reduce these potential impacts to a less than significant level. District staff recommends filing a Notice of Intent to adopt an MND for the 2020-2021 Replacement Pipelines Project.

Background

The proposed project is comprised of the following:

1. Replacement of approximately 240-feet of 6-inch steel pipeline with 8-inch Ductile Iron Pipe (DIP) transmission main in Lambert Road from Napoleon Street to the end of the cul-de-sac.
2. Replacement of approximately 240-feet of 6-inch steel pipeline with 8-inch Ductile Iron Pipe (DIP) transmission main in Bing Place from Napoleon Street to the end of the cul-de-sac.
3. Replacement of approximately 1,175-feet of 6-inch steel pipeline with 8-inch Ductile Iron Pipe (DIP) transmission main in Star Lane, Sky Lane, and View south of Orchard Street.
4. Replacement of approximately 840-feet of 4-inch steel pipeline with 8-inch Ductile Iron Pipe (DIP) transmission main in Utica Way from Vineland Street to an existing in-line valve.
5. Replacement of approximately 1,380-feet of 6-inch steel pipeline with 8-inch Ductile Iron Pipe (DIP) transmission main in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla.



6. Replacement of approximately 300-feet of 6-inch steel pipeline with 8-inch Ductile Iron Pipe (DIP) transmission main in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (private) to the existing blowoff valve in Avenida Miravilla.

Pursuant to California Environmental Quality Act (CEQA) guidelines §15063, an Initial Study has been prepared to assess the potential adverse environmental effects of the proposed Project. It has been concluded that potentially significant environmental effects could occur from Project implementation in the areas of Biological Resources, Cultural Resources, Geology/Soils, Hazards and Hazardous Materials, Hydrology/Water Quality, Transportation, Tribal Cultural Resources, Wildfire, and Mandatory Findings of Significance. However, mitigation measures were identified that would reduce these potential impacts to a less than significant level.

Pursuant to CEQA guidelines §15072, a Notice of Intent to Adopt was recorded with the Riverside County Clerk's office, mailed to all organizations or individuals who have previously requested such notice in writing and published for four (4) consecutive weeks in the local newspaper identifying that the complete Draft MND was available for review from June 16, 2023 through July 17, 2023 and on the District's website. To date, (September 6, 2023) no written comments have been received during the public review period. Staff will identify at the Engineering Workshop for the record, if comments are received between September 6, 2023 and September 13, 2023.

Fiscal Impact

The total amount budgeted for this project is approximately \$1.62 million for the design and construction of the project and was approved by the Beaumont-Cherry Valley Board of Directors on June 24, 2021. The Board of Directors approved a contract for engineering and environmental consulting services with Cozad and Fox for the design component, not to exceed \$188,000.

The estimated amount remaining for the construction portion of the project is approximately \$1.43 million. Funds for the project will be expended from the Capital Replacement Reserve budget.

Attachment(s)

1. Resolution 2023-__: Adopting an Initial Study Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the 2020-2021 Replacement Pipelines Project
2. Initial Study Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the 2020-2021 Replacement Pipelines Project
3. Notice of Intent to Adopt a Mitigated Negative Declaration
4. Notice of Determination

Staff Report prepared by Evan Ward, Civil Engineering Assistant

RESOLUTION 2023-__

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT ADOPTING THE MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM FOR THE 2020 AND 2021 REPLACEMENT PIPELINE PROJECT

WHEREAS, the Beaumont-Cherry Valley Water District's Master Plan has identified the need for replacement water pipelines in the District's distribution system; and

WHEREAS, the District determined that the 2020 and 2021 Replacement Pipelines Project (Project) was subject to the California Environmental Quality Act and prepared an Initial Study evaluating the potential environmental effects of the Project; and

WHEREAS, the Initial Study identified potentially significant adverse effects in the areas of biological resources, cultural resources, geology/soils, hazards and hazardous materials, hydrology/water quality, transportation, wildfire, tribal cultural resources, and mandatory findings of significance; and

WHEREAS, mitigation measures that avoid the effects or mitigate the effects to a point where clearly no significant effects would occur have been identified through the Initial Study; and

WHEREAS, a Mitigation Monitoring and Reporting Program had been prepared and is designed to ensure compliance during Project implementation,

WHEREAS, the District determined that the mitigation proposed in the Mitigation Monitoring and Reporting Program would reduce the impacts to a less than significant level and a Mitigated Negative Declaration (MND) should be prepared; and

WHEREAS, the District distributed a Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration for the 2020 and 2021 Replacement Pipelines Project on June 16, 2023, which started a 30-day public review period, ending July 17, 2023. The NOI was recorded with the Riverside County Clerk-Recorder's Office, mailed to property owners within a reasonable distance of the Project, posted at the District Offices, Beaumont Library, and City of Beaumont offices, and published in the Record Gazette; and

WHEREAS, the District received no written comments within the 30-day public comment period; and

WHEREAS, the Beaumont-Cherry Valley Water District, located at 560 Magnolia Avenue, Beaumont, California 92223, is the custodian of documents and other materials that constitute the record of proceedings upon which the decision to adopt the Mitigated Negative Declaration is based.

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

A. Adoption of the Mitigated Negative Declaration

1. The Board of Directors finds that the Mitigated Negative Declaration was presented to the Board of Directors, that the Board of Directors has reviewed the Mitigated Negative Declaration prepared for the 2020 and 2021 Replacement Pipelines Project and that the Mitigated Negative Declaration has been prepared and completed in compliance with the California Environmental Quality Act.
2. The Board of Directors finds that on the basis of the Mitigated Negative Declaration and the whole record that there is no substantial evidence that the Project will have a significant adverse impact individually or cumulatively on the environment.

B. Adoption of the Mitigation Monitoring and Reporting Program

1. The Board of Directors hereby adopts the Mitigation Monitoring and Reporting Program, as set forth in the Project staff report.
2. The Board of Directors hereby finds that the proposed mitigation measures described in the Mitigated Negative Declaration are feasible and therefore will become binding upon the District and its construction contractors.

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

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

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

Director Daniel Slawson, Secretary to the Board of Directors of the Beaumont-Cherry Valley Water District

ADMINISTRATIVE DRAFT

**Initial Study
2020 and 2021 Water Pipeline Replacement Project**

**Project Location
Beaumont, Riverside County, California**

Prepared for:



**Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223**

Prepared by:



**Geovironment Consulting
630 W 7th Street
San Jacinto, CA 92583**

March 2023

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Appendices

Appendix A – Water Improvement Plan

Appendix B – Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) Analysis and Habitat Assessment

Project Information

1. Project Title:

2020 and 2021 Water Pipeline Replacement Project

2. Lead Agency Name and Address:

Beaumont-Cherry Valley Water District
 560 Magnolia Avenue
 Beaumont, CA 92223

3. Contact Person and Phone Number:

Mark Swanson, (951) 845-9581

4. Project Locations:

The service area of the District covers approximately 28 square miles, and the District’s sphere of influence covers approximately 37.5 square miles, virtually all of which is located within the County of Riverside, and includes the community of Cherry Valley, the City of Beaumont, and small portions of the City of Calimesa. The Project sites are in six different locations in the unincorporated Community of Cherry Valley in Riverside County. Pipeline 1 is located in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Pipeline 2 is located in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Pipeline 3 is located in Star Lane, Sky Lane, and View Drive, a distance of approximately 390 feet for Star Lane, 390 feet for View Drive and 295 feet in length for Sky Lane. Pipeline 4 is located in Utica Way from Vineland Street to an existing in-line valve. Pipeline 5 is located in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. Pipeline 6 is located in Avenida Miravilla near Quail Road, a distance of approximately 300 feet.

5. Proponent’s Name and Address:

Beaumont-Cherry Valley Water District
 560 Magnolia Avenue
 Beaumont, CA 92223

6. Surrounding Zoning and General Plan Designations:

Pipeline 1 Surrounding:	Zoning	Land Use Designation
North	R-1	MDR
East	R-1	MDR
South	R-1	MDR
West	R-1	MDR

Pipeline 2 Surrounding:	Zoning	Land Use Designation
North	R-1	MDR
East	R-1	MDR
South	R-1	MDR
West	R-1	MDR

Pipeline 3 Surrounding:	Zoning	Land Use Designation
North	A-P	RC-VLDR
East	A-1-1	RC-VLDR
South	R-1	MDR
West	A-1-1	RC-VLDR

Pipeline 4 Surrounding:	Zoning	Land Use Designation
North	A-1-1-1	RC-VLDR
East	A-1-1	RC-VLDR
South	A-1-1	RC-VLDR
West	A-1-1	RC-VLDR

Pipeline 5 Surrounding:	Zoning	Land Use Designation
North	R-A-1, A-1-1, A-1	RC-VLDR
East	R-A-1	RC-VLDR
South	A-1	RC-VLDR
West	W-2	RR

Pipeline 6 Surrounding:	Zoning	Land Use Designation
North	R-1-1	RC-VLDR
East	R-1-1	RC-VLDR
South	R-A-1	RC-VLDR
West	R-1-1	RC-VLDR

8. Description of Project:

For the 2021 calendar year, the District has identified six (6) sections of pipeline infrastructure within its service area that require replacement.

PIPELINE 1

Pipeline 1 scope of work includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The work includes abandonment of existing pipeline in Lambert Road, installing new meter services, laterals, and appurtenances (including individual service lines for each property), reconnect services to the new pipeline, remove existing blowoff valve, and replace with new fire hydrants (one located at existing blowoff location and one new hydrant at the end of the cul-de-sac). The new pipeline will connect to the existing 10-inch diameter steel pipeline located in Napoleon Street. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 2

Pipeline 2 scope of work includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Abandon the existing pipeline in Bing Place, install new meter services, laterals, and appurtenances (including individual services lines for each property), reconnect services to the new pipeline, remove existing blow off valve, and replace with new fire hydrants (one located at existing blowoff location and one new hydrant at the end of the cul-de-sac). The new pipeline will connect to the existing 10-inch diameter steel pipeline located in Napoleon Street. Said connection

will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 3

Pipeline 3 scope of work includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The existing Sky Lane and Star Lane pipelines are each connected to an existing 12-inch diameter DIP located in Orchard Street. The Star Lane pipeline is approximately 390 feet in length, the Sky Lane pipeline is approximately 395 feet in length and the View Drive pipeline is approximately 390 feet. The existing pipelines within Star Lane, Sky Lane, and View Drive are to be abandoned-in-place and the new main lines constructed adjacent to said existing pipelines. Installation of new meter services, laterals, and appurtenances shall be per District standards with individual services to each property (no split services). New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdiction agency. The new pipelines located in Star Lane and Sky Lane will connect to the existing 12-inch diameter DIP pipeline located in Orchard Street. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 4

Pipeline 4 scope of work includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The existing pipeline in Utica Way shall be abandoned and most likely removed with the proposed pipeline to be constructed adjacent to the existing. New water services, laterals and appurtenances shall be connected to the new pipeline. The new pipeline will connect to the existing 10-inch diameter steel pipeline located in Vineland Street. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 5

Pipeline 5 scope of work includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The existing pipeline in Avenida Sonrisa shall be abandoned-in-place and the new main line constructed adjacent to the existing. Installation of new meter services, laterals, and appurtenances to be per District standards with individual services to each property (no split services). New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdictional agency. The new pipeline will connect to the existing 6-inch diameter steel pipeline located in Avenida San Timoteo and the existing 6-inch diameter Asbestos-Cement pipe (ACP) pipeline located approximately 700 feet east of Avenida Miravilla. Said connection will require a cut-in tee detail, as provided by the District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 6

Pipeline 6 scope of work includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The existing pipeline in Avenida Miravilla shall be abandoned and most likely removed with the proposed pipeline to be constructed adjacent to the existing. Installation of new meter services, laterals, and appurtenances to be per District standards with individual services to each property (no split services). New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdictional agency. The new pipeline will connect to the existing 6-inch diameter ACP pipeline located near Quail Road. Said connection

will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down. Avenida Miravilla is a relatively narrow road and is lined with large trees, so particular attention should be paid to ensure that an alignment can be determined with little impact to trees.

9. Surrounding Land Uses and Setting:

The area surrounding the six Project sites includes mostly residential uses and roads.

PIPELINE 1&2

The areas to the north, south, east and west of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1 and Pipeline 2. Pipeline 1 sits at approximately 2893 feet amsl. Pipeline 2 sits at approximately 2878 feet amsl. Noble Creek is located to the west of Pipeline 1 approximately 0.25 miles away and to the west of Pipeline 2 approximately 0.28 miles away.

PIPELINE 3

The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The areas to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR). Pipeline 3 sits at approximately 2752 feet amsl.

PIPELINE 4

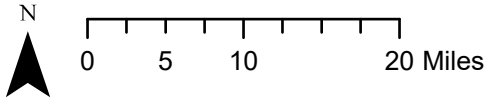
The areas to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. Pipeline 4 sits at approximately 2740 feet amsl.

PIPELINE 5

The areas to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Noble Creek is located approximately 140 feet east to the most eastern portion of the pipeline location. Little San Gorgonia Creek is located approximately 405 feet west from the most western portion of the pipeline location. Pipeline 5 sits at approximately 2924 feet amsl.

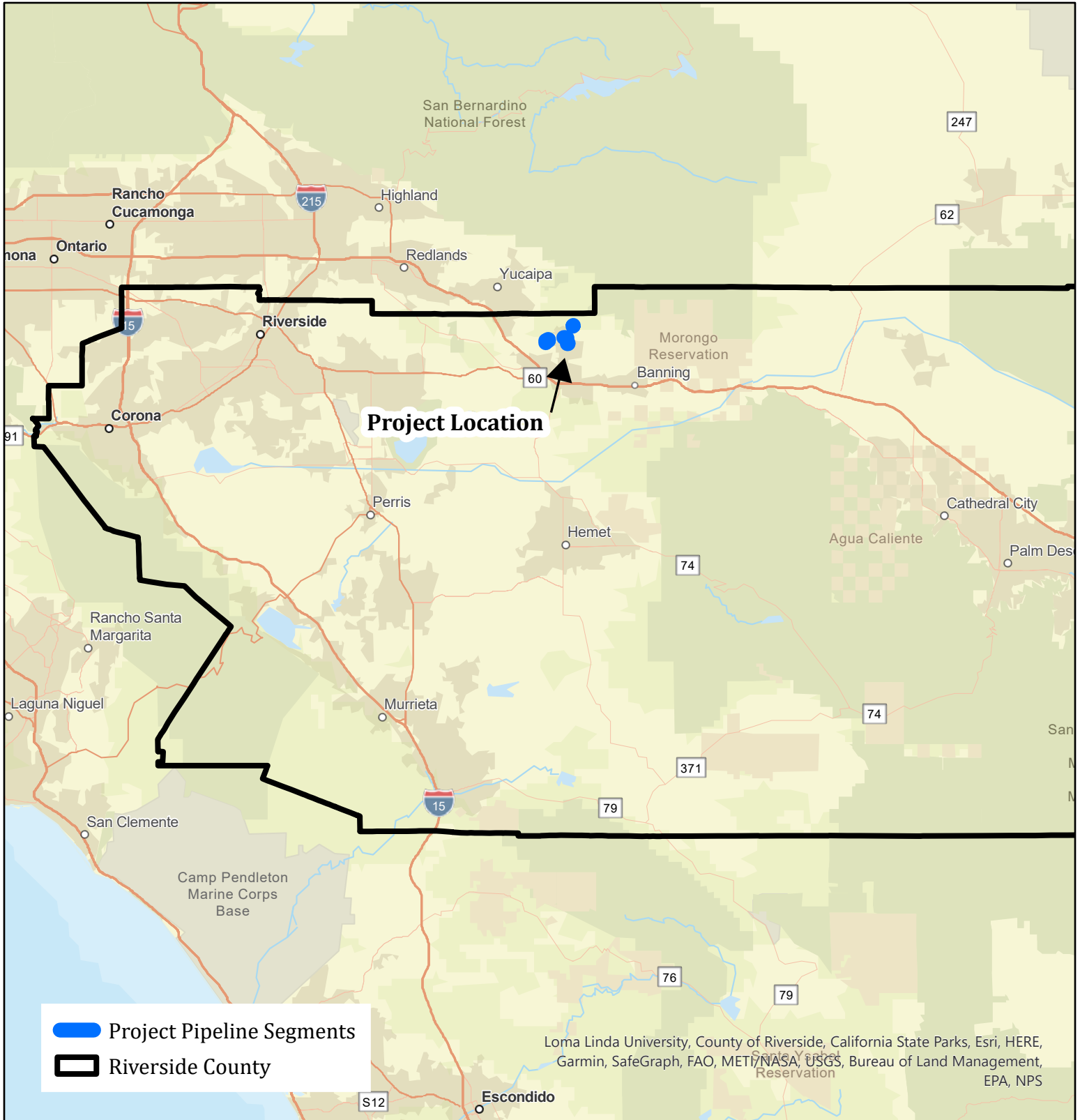
PIPELINE 6

The areas to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. Pipeline 6 sits at approximately 3,308 feet amsl. Little San Gorgonio Creek is located approximately 0.27 miles to the northwest from the pipeline location. Noble Creek is located to the east of the Project site approximately 0.2 miles to the southeast from the pipeline location.



1:780,000

**Figure 1 - Regional Vicinity Map
2020 - 2021 Pipeline Replacement**



630 W 7th St
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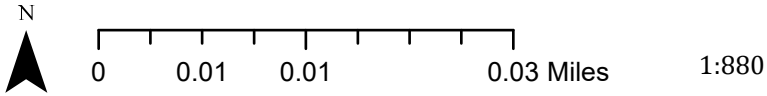
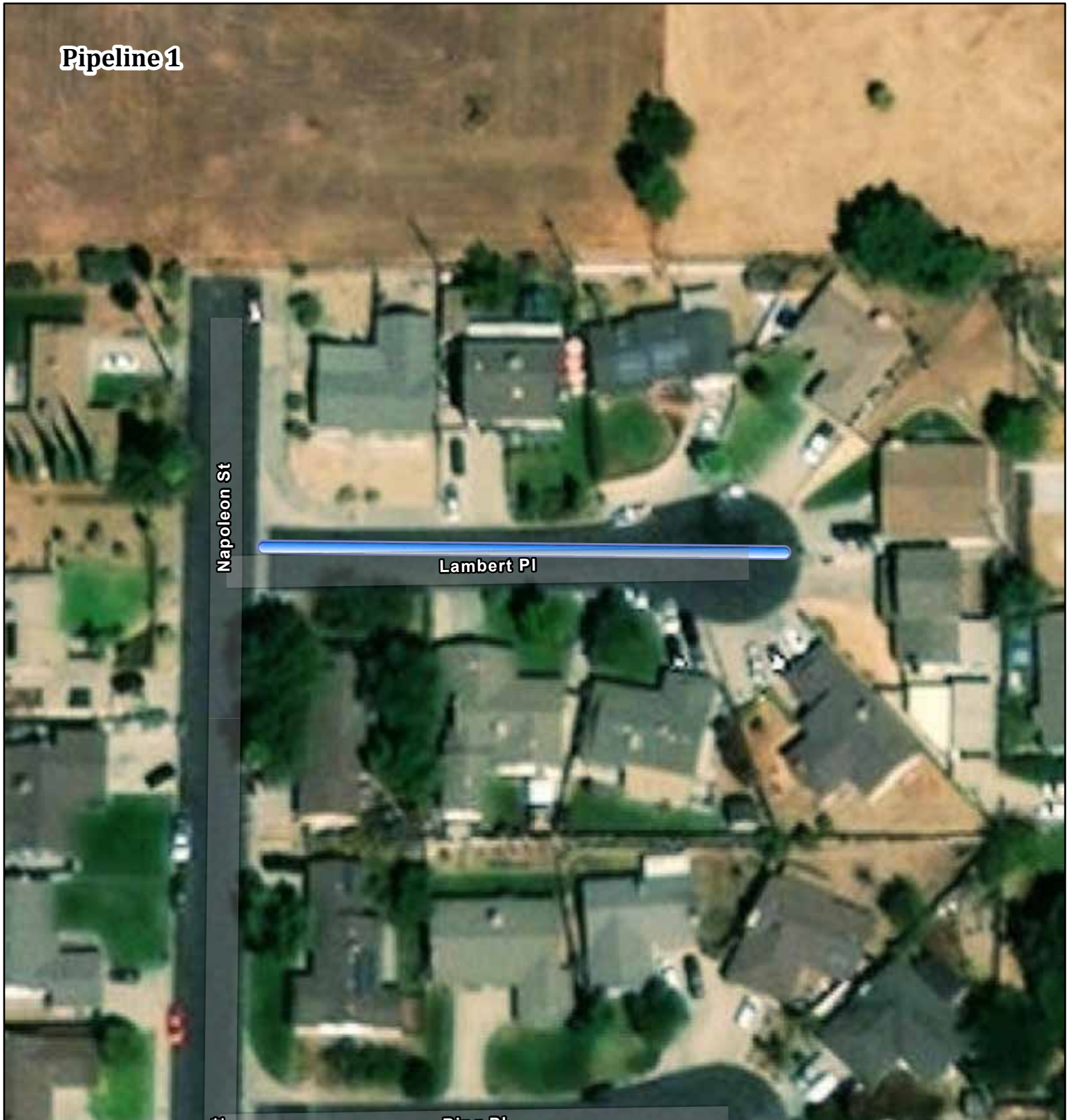


Figure 2 - Project Area
2020 - 2021 Pipeline Replacement



630 W 7th St
San Jacinto, CA 92583

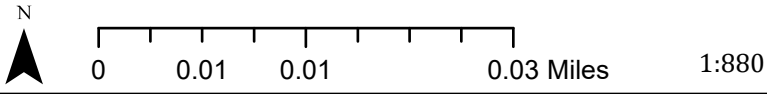
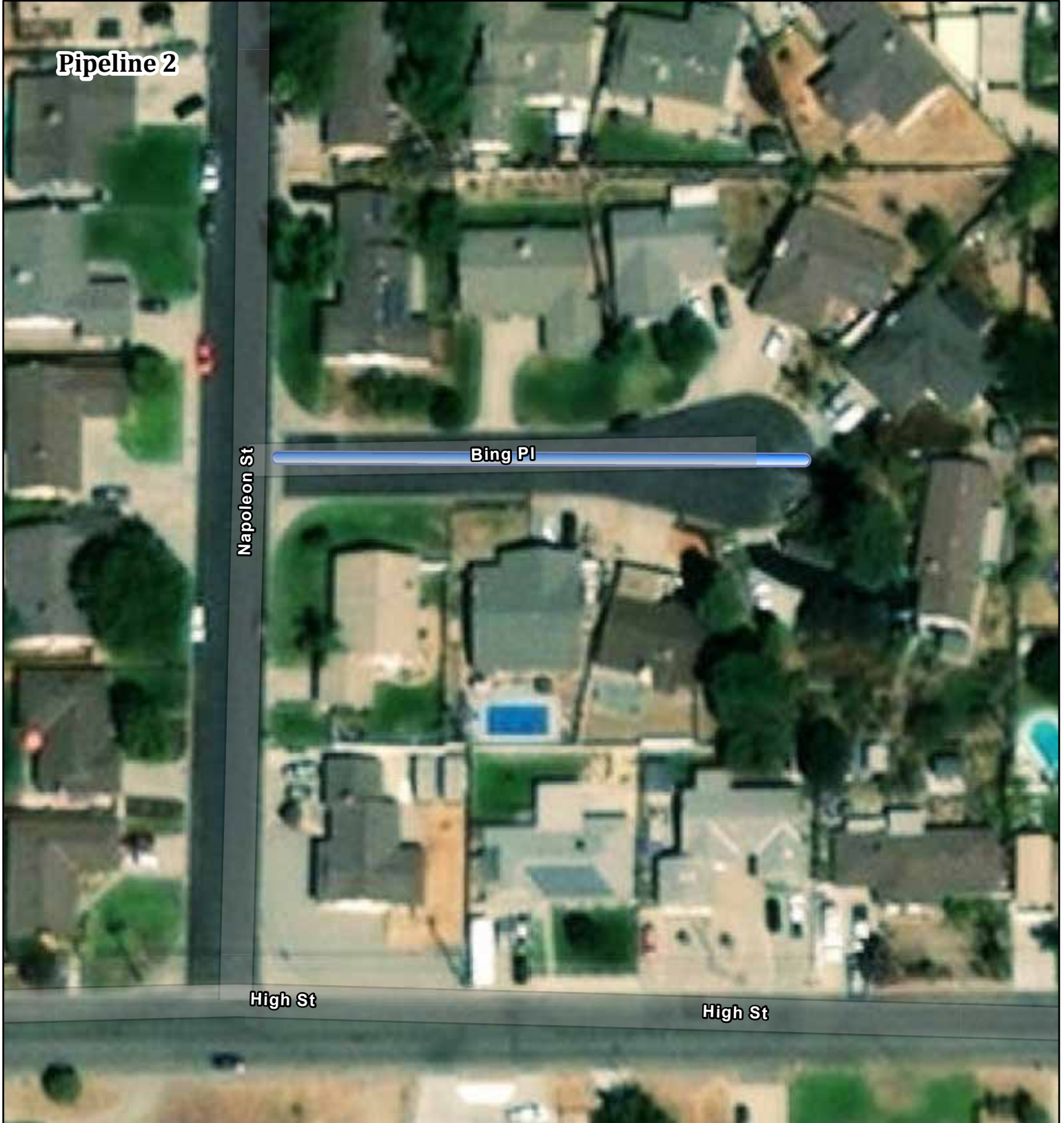


Figure 2 - Project Area
2020 - 2021 Pipeline Replacement



630 W 7th St
San Jacinto, CA 92583



Figure 2 - Project Area
2020 - 2021 Pipeline Replacement



630 W 7th St
San Jacinto, CA 92583

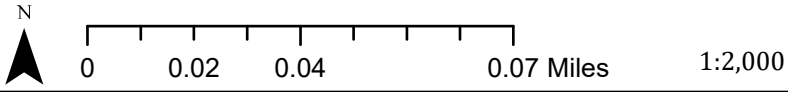
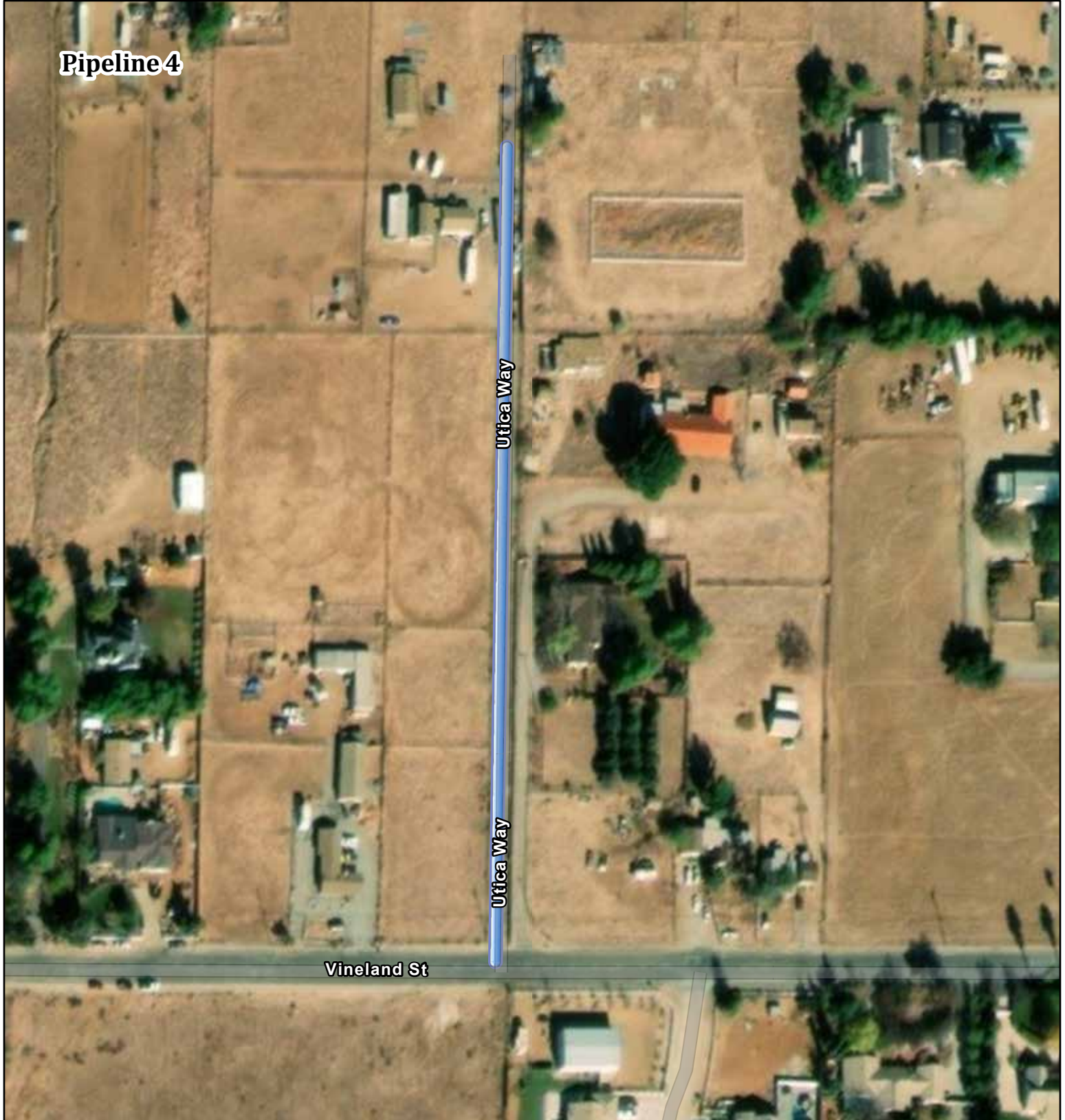


Figure 2 - Project Area
2020 - 2021 Pipeline Replacement



630 W 7th St
San Jacinto, CA 92583

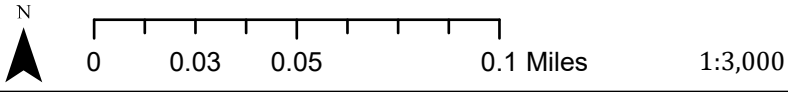
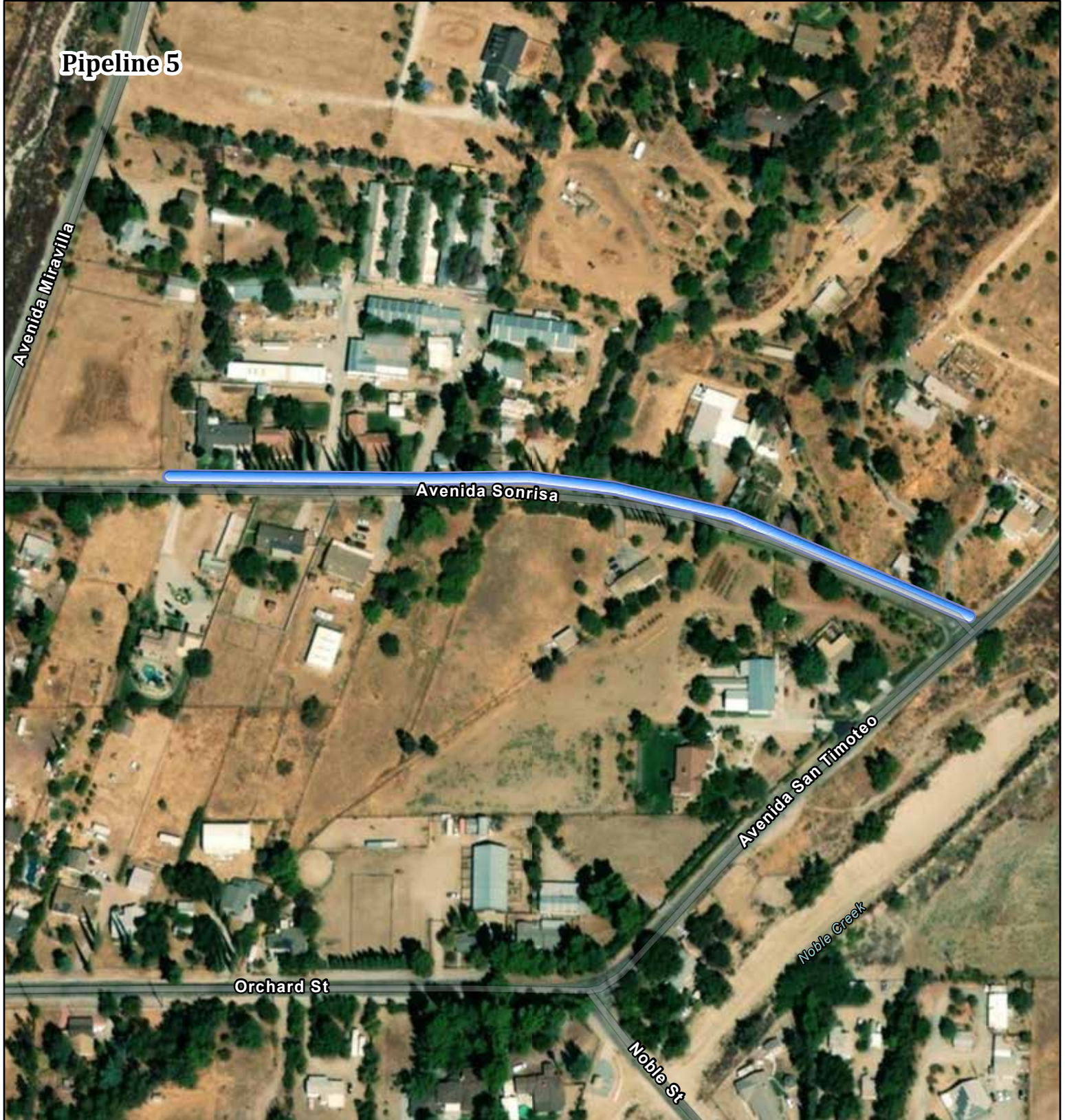
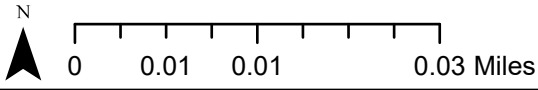


Figure 2 - Project Area
2020 - 2021 Pipeline Replacement

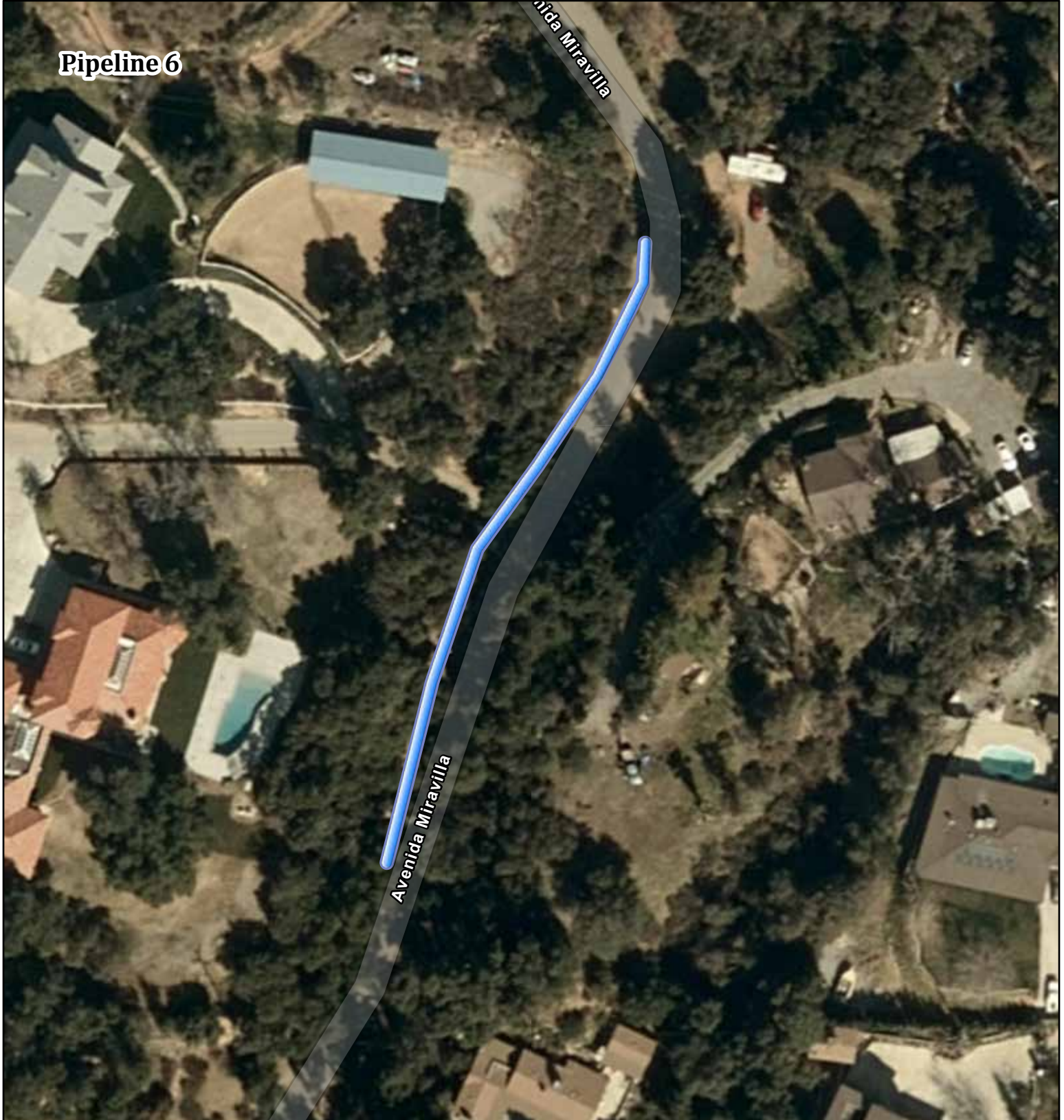


630 W 7th St
San Jacinto, CA 92583



1:1,000

Figure 2 - Project Area
2020 - 2021 Pipeline Replacement



630 W 7th St
San Jacinto, CA 92583

PIPELINE 1

West View of Lambert Place

East View of Lambert Place



East View in Middle
of Lambert Place

PIPELINE 2

East View of
Bing Place



West View of
Bing Place



PIPELINE 3



South View of Star Lane



North View of Star Lane



Southwestern View - Corner of View Dr. & Star Ln.



North View of Sky Lane



East View of View Drive



South View of Sky Lane

630 W 7th St
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PIPELINE 4

North View of Utica Way



South View of Utica Way



North View of Utica Way into Residence



Northeast View of Pipeline Alignment



PIPELINE 5

Northwest View of Avenida Sonrisa



West View of Avenida Sonrisa



East View of Avenida Sonrisa



West View at West End of Pipeline 5

PIPELINE 6

South View of Avenida Miravilla



North View of Avenida Miravilla



Southwest View - South End of Pipeline 6



Southwest View of Avenida Miravilla



Environmental Factors

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this Project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages.

<input type="checkbox"/> Aesthetics	<input type="checkbox"/> Greenhouse Gas Emissions	<input type="checkbox"/> Public Services
<input type="checkbox"/> Agriculture / Forestry Resources	<input type="checkbox"/> Hazards & Hazardous Materials	<input type="checkbox"/> Recreation
<input type="checkbox"/> Air Quality	<input type="checkbox"/> Hydrology/Water Quality	<input type="checkbox"/> Transportation
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Land Use/Planning	<input type="checkbox"/> Tribal Cultural Resources
<input type="checkbox"/> Cultural Resources	<input type="checkbox"/> Mineral Resources	<input type="checkbox"/> Utilities/Service Systems
<input type="checkbox"/> Energy	<input type="checkbox"/> Noise	<input type="checkbox"/> Wildfire
<input type="checkbox"/> Geology/Soils	<input type="checkbox"/> Population/Housing	<input type="checkbox"/> Mandatory Findings of Significance

The IS/MND fully addresses the environment, as described by CEQA, as “the physical conditions which existing within the area which will be affected by a proposed Project including land, air, water, flora, fauna, noise, objects of historic or aesthetic significance.” A detailed analysis of environmental impacts will be presented for each resource area (listed above) utilizing the model Environmental Checklist Form found in Appendix G of the CEQA Guidelines §15063(f). Impacts to the environment for construction and operation of the Project will be assessed and described, and the level of significance of impacts will be measured against criteria that have been established by regulation, accepted standards, or other definable criteria. The use of an MND is only permissible if all potentially significant environmental impacts assessed in the IS are rendered less than significant with incorporation of mitigation measures.

Each environmental resource area is reviewed by analyzing a series of questions (i.e., Initial Study Checklist) regarding level of impact posed by the Project. Substantiation is provided to justify each determination. One of four following conclusions is then provided as a determination of the analysis for each of the major environmental factors.

No Impact. A finding of no impact is made when it is clear from the analysis that the Project would not affect the environment.

Less than Significant Impact. A finding of a less than significant impact is made when it is clear from the analysis that a Project would cause no substantial adverse change in the environment and no mitigation is required.

Less than Significant Impact with Mitigation Incorporated. A finding of a less than significant impact with mitigation incorporated is made when it is clear from the analysis that a Project would cause no substantial adverse change in the environment when mitigation measures are successfully implemented by the Project proponent. In this case, the Project proponent would be responsible for implementing measures identified in a Mitigation Monitoring and Reporting Plan (MMRP).

Potentially Significant Impact. A finding of a potentially significant impact is made when the analysis concludes that the proposed Project could have a substantially adverse change in the environment for one or more of the environmental resources assessed in the checklist. Typically, preparation of an Environmental Impact Report (EIR) would be required in the case of potentially significant impact. No findings of significant impact were determined to potentially result from the Project.

Environmental Determination

On the basis of this initial evaluation:

I find that the proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

I find that the proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

I find that the proposed Project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

I find that although the proposed Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.

Signature

Date

Printed Name

Title

Environmental Checklist of Impacts

I. Aesthetics

Evaluation

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a)	Except as provided in Public Resources Code Section 21099, would the project have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project site is located at six different locations in rural Cherry Valley, a community characterized by residential, residential agriculture uses, animal-keeping uses, and open space. Each site is surrounded by different zoning and land uses.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east, and west of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. Pipeline 1 sits at approximately 2893 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. Pipeline 2 sits at approximately 2878 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR). Pipeline 3 sits at approximately 2752 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. Pipeline 4 sits at approximately 2740 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Pipeline 5 sits at approximately 2924 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. Pipeline 6 sits at approximately 3,308 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

The proposed six Project pipelines would blend with surrounding aesthetic, as the Project entails pipeline improvements that will be covered by roads. No designated scenic vistas exist on each of the six Project sites or in the immediate vicinity of the sites, and the proposed Project would have no impacts on scenic vistas.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Except as provided in Public Resources Code Section 21099, would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The California Scenic Highways and Historic Parkways Program of 1963 was established “to preserve and protect highway corridors located in areas of outstanding natural beauty” from alteration that would diminish the aesthetics value of the adjacent lands. The proposed Project is not located within an officially designated state scenic highway of the California Scenic Highway Mapping System¹. Route 243 is the nearest eligible scenic highway to the Project and is located approximately 7.85 miles southeast of the nearest pipeline site (Pipeline 2).² It would not be impacted by the proposed Project. The Project sites are located in the rural Cherry Valley community with very low-density residential uses, agricultural uses, and open space. The Project sites are not located within a state scenic highway, and there are no trees, rock outcroppings, or historic buildings within a state scenic highway on or near the six Project pipeline sites. Therefore, no impacts associated with scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway would occur as a result of the Project.

¹ California Department of Transportation (2022). The California Scenic Highway Program.

² County of Riverside (2015, December 8). The County of Riverside, The Pass Area Plan. Figure 9 Scenic Highways.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Except as provided in Public Resources Code Section 21099, would the project, in nonurbanized areas, substantially degrade the existing visual character or quality of the site and its surroundings? Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. Construction of the Project would result in short-term impacts to the Project site’s existing visual character or quality of the site and its surroundings during site preparation and construction activity. However, visual impacts associated with construction would be those anticipated within a populated, rural environment experiencing growth. In its built condition, the Project would consist of pipeline replacement in roads at six locations within the Cherry Valley community. New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdictional agency. The new water pipelines would be developed within the street and invisible after construction. The roads where the six pipelines will be located would be backfilled, covered, and repaved. The Project would be required to comply with the County of Riverside Ordinances, including Title 15 specifying building and construction standards.³ It would not degrade the existing visual character or quality of the site and its surroundings. No impact would result to existing visual character of the site and surroundings.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Except as provided in Public Resources Code Section 21099, would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. No spotlighting, floodlighting, or glare-producing equipment would be used or installed on the Project area prior to, during, or following construction activities. The Pass Area Plan (PAP) Policy 9.1 states to adhere to Riverside County’s lighting requirements for standards that are intended to limit light leakage and spillage that may interfere with the operations of the Palomar Observatory.⁴ County Code Chapter 8.80, Outdoor Lighting, provide minimum requirements for outdoor lighting to reduce light trespass and glare, and to protect the health, property, and well-being of residents in the unincorporated areas of the county. Section 8.80.050 requires outdoor luminaires be located, adequately shielded, and directed such that no direct light falls outside the parcel of origin, or onto the public right-of-way.⁵ Outdoor luminaires shall not blink, flash, or rotate. No impact involving light, or glare is anticipated to occur as a result of the Project.

³ County of Riverside (July 27, 2022) Codified County of Riverside Ordinance. Title 15 Building and Construction, Chapter 15.04 Building Regulations.

⁴ County of Riverside (September 28, 2021) County of Riverside General Plan. The Pass Area Plan. Land Use Section 8.80.050 Standard.

⁵ County of Riverside (July 27, 2022) Codified County of Riverside Ordinance. Title 8 Health and Safety, Chapter 8.80 Outdoor Lighting, Section.

II. Agriculture and Forestry Resources

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project sites or within the community. The proposed Project includes six pipelines, which are each aligned in five paved roads and one established dirt (gravel) road.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. Pipeline 1 sits at approximately 2893 feet amsl. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. Pipeline 2 sits at approximately 2878 feet amsl. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and the is designated very low density residential (RC-VLDR). Pipeline 3 sits at approximately 2752 feet amsl. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within vicinity. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. Pipeline 4 sits at approximately 2740 feet amsl. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Pipeline 5 sits at approximately 2924 feet amsl. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. Pipeline 6 sits at approximately 3,308 feet amsl. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

The site does not contain any lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as mapped by the State Department of Conservation Farmland Mapping and Monitoring Program. As such, the Project has no potential to convert such lands to a non-agriculture use and no impact would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The proposed six segments of pipelines that would be replaced are each located in five paved roads and one established dirt (gravel) road in the community of Cherry Valley.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consists of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive, all of which are paved roads. The area to the north of Pipeline 3 is zoned for light agriculture

with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and the are designated very low density residential (RC-VLDR). No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street, to an existing in-line valve (as identified by District field staff). Utica way extends into a parcel zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR) land use. The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Although it is located within an agriculture use zoning area, it is specifically located under a private road and would not conflict with existing zoning as the project includes pipeline replacement under the gravel road. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla (a paved road), a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and is designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla (a paved road) from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. No Prime or Unique Farmland or lands under the Williamson Act exist on the Project site. No impact would occur.

The five of the six sites are not zoned for agricultural use or under a Williamson Act contract. Pipeline 4 is located on a light agriculture (A-1-1) zoned parcel; however, it is located under a gravel private road that would not impact the existing zoning for agriculture use or Williamson Act contract. No impact to existing zoning for agricultural use or Williamson Act contract would occur as a result of the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The community of Cherry Valley is located in rural mountainous lands with a variety of trees, shrubs, and grasses. The nearest forest timberlands area to the Project is associated with San Bernardino National Forest

located approximately 4 miles from the Project sphere. The forest is approximately 1,287 square miles and includes seven wilderness areas: San Gorgonio, Cucamonga, San Jacinto, South Fork San Jacinto, Santa Rosa, Cahuilla Mountain and Bighorn Mountain. Forest headquarters are located in the city of San Bernardino.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The nearest timberlands area is associated with San Bernardino National Forest located approximately 1.74 miles to the northeast of Pipeline 1. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consists of single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The nearest timberlands area is associated with San Bernardino National Forest located approximately 1.79 miles to the northeast of Pipeline 2. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and R-A-5, residential agriculture and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned A-1-1, light agriculture and the is designated very low density residential (RC-VLDR). The nearest timberlands area is associated with San Bernardino National Forest located approximately 1.16 miles to the north of Pipeline 3. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street, to an existing in-line valve (as identified by District field staff). Utica way extends into a parcel zoned A-1-1, light agriculture and is designated very low density residential (RC-VLDR) land use. The area to the north, east, south, and west of Pipeline 4 is zoned A-1-1, light agriculture and is designated very low density residential (RC-VLDR) land use. The nearest timberlands area is associated with San Bernardino National Forest located approximately 1.13 miles to the northeast of Pipeline 4. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 is zoned R-A-1, residential agriculture and is designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. The nearest timberlands area is associated with San Bernardino National Forest located approximately 1.5 miles to the northeast of Pipeline 5. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla (a paved road) from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 is zoned for single family residential (R-1-1) and is designated as very low density residential (RC-VLDR) land use. The area

to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. The nearest timberlands area is associated with San Bernardino National Forest located approximately 0.6 miles to the northeast of Pipeline 6. No impact would occur.

The six Project pipelines would not conflict with existing zoning for, or cause rezoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. No designated forest land or timberland occurs on the Project site, and the Project would result in no impact to such use.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project sites are each located within paved or gravel roads in the community of Cherry Valley.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No loss of forest land or conversion of forest land to non-forest use would occur. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No loss of forest land or conversion of forest land to non-forest use would occur. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR). No loss of forest land or conversion of forest land to non-forest use would occur. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street, to an existing in-line valve (as identified by District field staff). Utica way extends into a parcel zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR) land use. The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. No loss of forest land or conversion of forest land to non-forest use would occur. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south,

and east of Pipeline 5 is zoned R-A-1, residential agriculture and is designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. No loss of forest land or conversion of forest land to non-forest use would occur. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla (a paved road) from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. No loss of forest land or conversion of forest land to non-forest use would occur. No impact would occur.

As discussed in response c) above, no forest lands occur in close proximity to the Project site. No designated forest land would be converted to non-forest uses for the Project. As a result, the Project would result in no impact to forest lands.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project proposes development of six water pipeline replacements that tie-into existing water distribution system within the existing street right of way. As discussed in response b), c), and d) above, no Prime or Unique Farmland or lands under the Williamson Act exist on the Project site or within the vicinity and no forest lands occur in close proximity to the Project site. The nearest forest land is associated with San Bernardino National Forest several miles to the north of the Project site. The proposed Project doesn't involve the use of designated farmland or forest land, conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use and no impact to such resources would occur as a result of development of the Project.

III. Air Quality

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The basis for air quality review in the Project area is evaluating consistency with the South Coast Air Quality Management District (SCAQMD) regulations, which are designed to bring the South Coast Air

Basin (SCAB), including the Community of Cherry Valley, into attainment for all National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS).

An ambient air quality standard (AAQS) defines the maximum amount of a pollutant that can be present in outdoor air without harm to the public’s health. Ambient air quality standards for ozone (O₃), carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), particulate matter (PM₁₀ and PM_{2.5}), and lead (Pb) have been set by both the State of California and the federal government. The State has also set standards for sulfates (SO₄(2-)) and visibility. AAQSS are set to regulate air emissions from stationary and mobile sources to achieve clean air and to protect even the most sensitive individuals in our communities.

Growth projections from Riverside County Unincorporated Area are provided to the Southern California Association of Governments (SCAG), which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. The SCAQMD in conjunction with the California Air Resources Board (CARB), the Southern California Association of Governments (SCAG), and USEPA prepares and regularly updates an Air Quality Management Plan (AQMP 2016) to set forth an integrated program to achieve compliance with air quality standards in the Basin.⁶ Currently, the Community of Cherry Valley is out of compliance with CAAQS PM₁₀ and ozone standards and NAAQS for PM_{2.5} and ozone standards.⁷ Table 1 illustrates attainment status and attainment dates by criteria pollutant in the SCAB.

Table 1 - South Coast Air Basin Attainment Status

Criteria Pollutant	Standard	Averaging Time	Designation ¹	Attainment Date ²
1-Hour Ozone ³	NAAQS	1979 1-Hour (0.12 ppm)	Nonattainment (Extreme)	2/6/2023 (revised deadline)
	CAAQS	1-Hour (0.09 ppm)	Nonattainment	N/A
8-Hour Ozone ⁴	NAAQS	1997 8-Hour (0.08 ppm)	Nonattainment (Extreme)	6/15/2024
	NAAQS	2008 8-Hour (0.075 ppm)	Nonattainment (Extreme)	7/20/2032
	NAAQS	2015 8-Hour (0.070 ppm)	Nonattainment (Extreme)	8/3/2038
	CAAQS	8-Hour (0.070 ppm)	Nonattainment	Beyond 2032
CO	NAAQS	1-Hour (35 ppm) 8-Hour (9 ppm)	Attainment (Maintenance)	6/11/2007 (attained)
	CAAQS	1-Hour (20 ppm) 8-Hour (9 ppm)	Attainment	6/11/2007 (attained)
NO ₂ ⁵	NAAQS	2010 1-Hour (0.10 ppm)	Unclassifiable/ Attainment	N/A (attained)
	NAAQS	1971 Annual (0.053 ppm)	Attainment (Maintenance)	9/22/1998 (attained)
	CAAQS	1-Hour (0.18 ppm) Annual (0.030 ppm)	Attainment	---
SO ₂ ⁶	NAAQS	2010 1-Hour (75 ppb)	Designations Pending (expect Unclassifiable/ Attainment)	N/A (attained)
	NAAQS	1971 24-Hour (0.14 ppm) 1971 Annual (0.03 ppm)	Unclassifiable/ Attainment	3/19/1979 (attained)
PM10	NAAQS	1987 24-hour (150 µg/m ³)	Attainment (Maintenance) ⁷	7/26/2013 (attained)
	CAAQS	24-hour (50 µg/m ³) Annual (20 µg/m ³)	Nonattainment	N/A
PM2.5 ⁸	NAAQS	2006 24-Hour (35 µg/m ³)	Nonattainment (Serious)	12/31/2019

6 Southern Coast Air Quality Management District (2016, March). Air Quality Management Plan

7 California Air Resources Board (2018). Air Designation Maps – State and National

Criteria Pollutant	Standard	Averaging Time	Designation ¹	Attainment Date ²
	NAAQS	1997 Annual (15.0 µg/m ³)	Attainment	8/24/2016
	NAAQS	2012 Annual (12.0 µg/m ³)	Nonattainment (Serious)	12/31/2025
	CAAQS	Annual (12.0 µg/m ³)	Nonattainment	N/A
Lead ⁹	NAAQS	2008 3-Months Rolling (0.15 µg/m ³)	Nonattainment (Partial) (Attainment determination requested)	12/31/2015
Hydrogen Sulfide (H ₂ S)	CAAQS	3-Months Rolling (0.15 µg/m ³)	Nonattainment (Partial) ⁹	---
Sulfates	CAAQS	24-Hour (25 µg/m ³)	Attainment	---
Vinyl Chloride	CAAQS	24-Hour (0.01 ppm/26 µg/m ³)	Attainment	---

Notes:

- a) U.S. EPA often only declares Nonattainment areas; everywhere else is listed as Unclassifiable/Attainment or Unclassifiable
- b) A design value below the NAAQS for data through the full year or smog season prior to the attainment date is typically required for attainment demonstration
- c) The 1979 1-hour O₃ standard (0.12 ppm) was revoked, effective June 15, 2005; however, the Basin has not attained this standard and therefore has some continuing obligations with respect to the revoked standard
- d) 1997 8-hour O₃ standard (0.08 ppm) was reduced (0.075 ppm), effective May 27, 2008; the revoked 1997 O₃ standard is still subject to anti-backsliding requirements
- e) New NO₂ 1-hour standard, effective August 2, 2010; attainment designations January 20, 2012; annual NO₂ standard retained
- f) The 1971 annual and 24-hour SO₂ standards were revoked, effective August 23, 2010; however, these 1971 standards will remain in effect until one year after U.S. EPA promulgates area designations for the 2010 SO₂ 1-hour standard. Area designations are still pending, with Basin expected to be designated Unclassifiable /Attainment.
- g) Annual PM₁₀ standard was revoked, effective December 18, 2006; 24-hour PM₁₀ NAAQS deadline was 12/31/2006; SCAQMD request for attainment redesignation and PM₁₀ maintenance plan was approved by U.S. EPA on June 26, 2013, effective July 26, 2013.
- h) Attainment deadline for the 2006 24-Hour PM_{2.5} NAAQS (designation effective December 14, 2009) is December 31, 2019 (end of the 10th calendar year after effective date of designations for Serious nonattainment areas). Annual PM_{2.5} standard was revised on January 15, 2013, effective March 18, 2013, from 15 to 12 µg/m³. Designations effective April 15, 2015, so Serious area attainment deadline is December 31, 2025.
- i) Partial Nonattainment designation – Los Angeles County portion of Basin only for near-source monitors. Expect to remain in attainment based on current monitoring data; attainment re-designation request pending.

Source: SCAQMD, 2016 Air Quality Management Plan.

The CARB defines attainment as the category given to an area with no violations in the past three years.⁷ CARB prepares a State Implementation Plan (SIP) for NAAQS that exceed the significance thresholds to demonstrate the means to attainment. SIPs are a compilation of new and previously submitted plans, programs (including monitoring, modeling, permitting, etc.), district rules, state regulations and federal controls. Many of California's SIPs rely on the same core set of control strategies, including emission standards for cars and heavy trucks, fuel regulations and limits on emissions from consumer products.⁷

The Project would result in short-term air quality impacts over a short-term construction period comprised of site preparation and grubbing, grading, pipe construction, and paving. Short-term impacts would be related to vehicle/equipment exhaust, fugitive dust, asphalt/concrete slurry, pipe construction, and paving the Project site. Operation phase air quality impacts are expected to be limited to vehicular traffic trip generation; area sources associated with landscape equipment; energy use; solid waste generation; and water and waste generation onsite. Additionally, the proposed Project would be required to comply with the following regulatory rules from the SCAQMD and State of California (State). SCAQMD rules that are applicable, but not limited to the proposed project:

- Rule 402 Nuisance – Controls the emissions of odors and other air contaminants;
- Rule 403 Fugitive Dust – Controls the emissions of fugitive dust;
- Rules 1108 and 1108.1 Cutback and Emulsified Asphalt – Controls the VOC content in asphalt;
- Rule 1113 Architectural Coatings – Controls the VOC content in paints and solvents; and
- Rule 1143 Paint Thinners – Controls the VOC content in paint thinners.

State of California Code of Regulations (CCR) air quality emission rules that are applicable, but not limited to the proposed project:

- CCR Title 13, Article 4.8, Chapter 9, Section 2449 – In use Off-Road Diesel Vehicles;
- CCR Title 13, Section 2025 – On-Road Diesel Truck Fleets; and
- CCR Title 24 Part 11 – California Green Building Standards.

The Project’s criteria pollutant mass air emissions would be below the thresholds of significance for construction and operation and the Project would comply with applicable SCAQMD and CCR rules and requirements. Considering the Project is consistent with the County’s General Plan and would not contribute to growth in the area, it would not conflict with or obstruct implementation of the AQMP, and impacts are considered less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project proposes development of six water pipeline replacements that tie-into existing water distribution system within the existing street right of way. The Project area not in an area out of attainment according to the United States Environmental Protection Agency’s “Current Nonattainment Counties for All Criteria Pollutants.”⁸ However, the Project would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable Federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors). The greatest source of emissions is from mobile sources, which travel throughout the local area; however, Project emissions are not expected to exceed thresholds. Therefore, from an air quality standpoint, the cumulative analysis would extend beyond any local projects and when wind patterns are considered would cover an even larger area. Impacts will be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Sensitive receptors include a class of receivers considered “sensitive” to environmental factors. By definition, sensitive receptors include, but are not limited to, residential uses, hospitals, schools, daycare facilities, elderly housing, and convalescent facilities. The nearest sensitive receptors to the Project site are single family residences located approximately 50 feet from the roads the Pipelines will be located within.

⁸ United States Environmental Protection Agency. Current Nonattainment Counties for All Criteria Pollutants. Retrieved from: <https://www3.epa.gov/airquality/greenbook/ancl.html> Accessed: 2022, September 20

The greatest potential for toxic air contaminant emissions would be related to diesel particulate matter (DPM) emissions associated with heavy equipment operations during construction of the proposed Project. According to SCAQMD methodology, health effects from carcinogenic air toxins are usually described in terms of “individual cancer risk.” “Individual Cancer Risk” is the likelihood that a person exposed to concentrations of toxic air contaminants over a lifetime will contract cancer, based on the use of standard risk-assessment methodology.⁶

Given the limited number of heavy-duty construction equipment and the short-term construction schedule, the Proposed Project would not result in a long-term (i.e., 70 years) substantial source of toxic air contaminant emissions and corresponding individual cancer risk. Particulate matter (PM) from diesel exhaust is the predominant toxic air contaminant (TAC) in most areas and according to the California Almanac of Emissions and Air Quality 2013 Edition, prepared by CARB. About 80 percent of the outdoor TAC cancer risk is from diesel exhaust. Some chemicals in diesel exhaust, such as benzene and formaldehyde, have been listed as carcinogens by State Proposition 65 and the Federal Hazardous Air Pollutants program.⁹

Construction and operation of the Project would not exceed any thresholds of significance for criteria pollutants. Due to the nominal number of diesel truck trips that are anticipated to be generated by the proposed Project, a less than significant TAC impact would occur during the construction and on-going operations of the proposed Project and no mitigation would be required. The proposed Project will be required to comply with the air quality emissions rules established by SCAQMD and the Code of Regulations (CCRs) legislated and enforced by the State of California (State) identified in question a) of this section. Construction activity would be short-lived and would be required to comply with applicable SCAQMD rules and regulations to ensure a clean construction site. No significant short-term toxic air contaminant impacts would occur during construction of the proposed Project. As such, the Project is not expected to expose sensitive receptors to substantial pollutant concentrations and potential impacts are less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Odors are one of the most obvious forms of air pollution to the general public. Odors can present significant problems for both the source and the surrounding community. Although offensive odors seldom cause physical harm, they can cause agitation, anger, and concern to the general public. Most people determine an odor to be offensive (objectionable) if it is sensed longer than the duration of a human breath; typically, two to five seconds.

Potential odors associated with the Project would be diesel exhaust during the construction period. However, construction vehicle emissions at the Project site would be short-term, intermittent, and subject to air dispersion. The objectionable odors that may be produced during the construction process would be temporary and would not likely be noticeable for extended periods of time beyond the project site’s boundaries. It should also be noted that any odors that are released from the proposed Project would be anticipated to dissipate to less than significant levels prior to impacting the nearest sensitive receptors.

In addition, the Project would be subject to compliance with SCAQMD’s Rule Book Regulation IV – Prohibitions, Rule 402, regarding nuisance. SCAQMD Rule 402 states, “A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such

⁹ California Air Resources Board (2014 May). The California Almanac of Emissions and Air Quality – 2013 Edition.

persons or the public or which cause, or have a natural tendency to cause, injury or damage to business or property.” The Project contractor would be subject to enforcement of said rules. Therefore, any potential odor impacts would be considered less than significant, and no mitigation would be required.

IV. Biological Resources

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The proposed Project includes replacing six pipelines within the BCVWD purveyance system in the community of Cherry Valley. According to the Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment performed by Geovironment Consulting in August 2022 for the Project site (see Appendix B for the report), the six proposed pipeline replacement sites are located in a developed, rural setting with mostly Developed/Disturbed/General Barren vegetation.¹⁰ According to the biological survey performed by a Geovironment Consulting biologist on July 21, 2022, the sites offer no suitable habitat for both special-status and MSHCP narrow endemic plant species.¹⁰

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No MSHCP designated survey areas were identified on the Pipeline 1 Project site or its respective 500-foot survey area boundary.¹⁰ The road is paved and will be repaved once construction of the pipeline replacement is completed. There are no trees on site. The 500-foot survey buffer was composed of Urban/Developed/Disturbed Land according to the habitat assessment.¹⁰ Additionally, no regulatory-status flora or fauna were detected during the biological reconnaissance survey conducted on July 21, 2022.¹⁰ The Project site and its surrounding survey area did not provide habitat or potential habitat for special-status species.¹⁰

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No MSHCP designated survey areas were identified on the Pipeline 2 Project site or its respective 500-foot survey area boundary.¹⁰ The road is paved and will be repaved once construction of the pipeline replacement is completed. There are no trees on site. The 500-foot survey buffer was composed of Urban/Developed/Disturbed Land according to the habitat assessment.¹⁰ Additionally, no regulatory-status flora or fauna were detected during

¹⁰ Geovironment Consulting (2022 August). Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment 2020 and 2021 Water Pipeline Replacement Project.

the biological reconnaissance survey conducted on July 21, 2022.¹⁰ The Project site and its surrounding survey area did not provide habitat or potential habitat for special-status species.¹⁰

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR). Pipeline 3 is located near a MSHCP survey area for burrowing owl, and it was concluded that Pipeline 3 Project site's likelihood of providing even low-quality habitat for burrowing owl does not currently exist and is unlikely to exist in the future.¹⁰ Pipeline 3 is also located near a MSHCP survey area for narrow endemic plant species survey; however, the site and its surrounding survey area did not provide habitat for the MSHCP narrow endemic species or special-status species.¹⁰ Vegetation surrounding the proposed pipeline segment included ornamental landscaping and irrigation infrastructure associated with residential landscaping.¹⁰ APN 407-110-021 to the north of Orchard Street consisted of a disturbed and non-native grassland lot consisting of non-native species such as Russian thistle, California black mustard, and yellow star thistle.¹⁰ Additionally, no regulatory-status flora or fauna were detected during the biological reconnaissance survey conducted on July 21, 2022.¹⁰

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street, to an existing in-line valve (as identified by District field staff). Utica Way extends into a parcel zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR) land use. The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Pipeline 4 is located near a MSHCP survey area for burrowing owl and it was concluded that the burrows detected during the site survey were currently occupied by California ground squirrels only and no indicators of the presence of burrowing owls utilizing the burrows, or of burrowing owls were detected on-site.¹⁰ Pipeline 4 is also located near a MSHCP survey area for narrow endemic plant species survey; however, the site and its surrounding survey area did not provide habitat for the MSHCP narrow endemic species.¹⁰ Vegetation of the site consisted of non-native grasses. The majority of the site segment was lined with California black mustard (*Brassica nigra*), a non-native invasive plant. The pipeline segment is located within a gravel road that will remove some non-native vegetation and will be backfilled following completion of pipeline replacement.¹⁰ It offers no suitable habitat for both special-status and MSHCP narrow endemic plant species.¹⁰ Additionally, no regulatory-status flora or fauna were detected during the biological reconnaissance survey conducted on July 21, 2022.¹⁰

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Pipeline 5 is located near a MSHCP survey area for burrowing owl and it was concluded that the burrows detected during the site survey were occupied by California ground squirrels only and no indicators of the presence of burrowing owls utilizing the burrows, or of burrowing owls were detected on-site.¹⁰ Pipeline 5 is also located near a MSHCP survey area for narrow endemic plant species survey; however, the site and its surrounding survey area did not provide habitat for the MSHCP narrow endemic species or special-status species.¹⁰ Vegetation surrounding the site consisted of ornamental landscaping associated with the surrounding

landscape, non-native grasses, and coastal scrub.¹⁰ Additionally, no regulatory-status flora or fauna were detected during the biological reconnaissance survey conducted on July 21, 2022.¹⁰

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla (a paved road) from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. Pipeline 6 is located near a MSCHP designated survey area for narrow endemic plant species; however, the site and its surrounding survey area did not provide habitat for MSHCP narrow endemic species or special-status species.¹⁰ The surrounding vegetation consisted of Coast live oak and ornamental vegetation associated with residential landscaping. Surrounding Coast live oak (*Quercus agrifolia*) species provide canopy cover over a small portion of the proposed segment.¹⁰ The segment is located within a paved road that will be repaved following completion of construction of pipeline replacement. No regulatory-status flora or fauna were detected during the biological reconnaissance survey conducted on July 21, 2022. The site did not provide potential habitat or habitat for special-status species.¹⁰

The Project would not have a substantial adverse effect, either directly or through habitat modification, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. The immediate surrounding area of each segment is considered to be disturbed land and offers no suitable habitat for both special- status wildlife and plants.¹⁰ No sensitive, threatened, or endangered plant species were found on the site during the habitat assessment.¹⁰ Pre-construction surveys for burrowing owl are recommended at Pipeline 3, Pipeline 4, and Pipeline 5 to further reduce any potential for impacts to burrowing owl.¹⁰ Preconstruction surveys for burrowing owl should be conducted not more than 30 days prior to the initiation of ground disturbance. The proposed Project shall also comply with the Standard Best Management Practices (BMPs) of the MSHCP (Volume I, Appendix C), also located in section 10.0 of Appendix B of this report.¹⁰ Impact to species would be less than significant with implementation of Mitigation Measures BIO-1, BIO-2, and BIO-3.

Mitigation Measure

BIO-1 MSHCP Protocol and Preconstruction Surveys for Burrowing Owl: To minimize impacts and to adhere to the Western Riverside MSHCP mitigation requirements regarding burrowing owl, it is recommended that:

- Conduct Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area (protocol dated March 29, 2006).
- No more than 30 days prior to the first ground-disturbing activities, the project applicant shall retain a qualified biologist to conduct a preconstruction survey on the project site. The survey shall establish the presence or absence of western burrowing owl and/or habitat features and evaluate use by owls in accordance with CDFW survey guidelines.
- On the parcel where the activity is proposed, the biologist shall survey the proposed disturbance footprint and a 500-foot radius from the perimeter of the proposed footprint to identify burrows and owls. Adjacent parcels under different land ownership need not be surveyed. The survey shall take place near the sunrise or sunset in accordance with CDFW guidelines. All burrows or burrowing owls shall be identified and mapped. During the breeding season (February 1–August 31), surveys shall document whether burrowing owls are nesting on or directly adjacent to disturbance areas. During

the non-breeding season (September 1– January 31), surveys shall document whether burrowing owls are using habitat on or directly adjacent to any disturbance area. Survey results will be valid only for the season during which the survey is conducted.

- If burrowing owls are not discovered, further mitigation is not required. If burrowing owls are observed during the pre-construction surveys, the applicant shall perform the following measures to limit the impact on the burrowing owls:
 1. Avoidance shall include establishment of a 160-foot non-disturbance buffer zone. Construction may occur during the breeding season if a qualified biologist monitors the nest and determines that the birds have not begun egg laying and incubation, or that the juveniles from the occupied burrows have fledged. During the non-breeding season (September 1-January 31), the project proponent shall avoid the owls and the burrows they are using, if possible. Avoidance shall include the establishment of a 160-foot non disturbance buffer zone.

If it is not possible to avoid occupied burrows, passive relocation shall be implemented. Owls shall be excluded from burrows in the immediate impact zone and within a 160-foot buffer zone by installing one-way doors in burrow entrances. These doors shall be in place for 48 hours prior to excavation. The project area shall be monitored daily for 1 week to confirm that the owl has abandoned the burrow. Whenever possible, burrows should be excavated using hand tools and refilled to prevent reoccupation. Plastic tubing or a similar structure shall be inserted in the tunnels during excavation to maintain an escape route for any owls inside the burrow.

BIO-2 Procedures if Burrowing Owl is found on-site: Focused burrow survey that includes natural burrows or suitable man-made structures needs to be conducted as described below.

- A systematic survey for burrows including burrowing owl sign should be conducted by walking through suitable habitat over the entire survey area (i.e. the project site and within 150 meters). Pedestrian survey transects need to be spaced to allow 100 percent visual coverage of the ground surface.
- The distance between transect center lines should be no more than 30 meters (approximately 100 feet) and should be reduced to account for differences in terrain, vegetation density, and ground surface visibility. To efficiently survey projects larger than 100 acres, it is recommended that two or more qualified surveyors conduct concurrent surveys.
- The location of all suitable burrowing owl habitat, potential owl burrows, burrowing owl sign, and any owls observed should be recorded and mapped, including GPS coordinates. If the survey area contains natural or man-made structures that could potentially support burrowing owls, or owls are observed during the burrow surveys, the systematic surveys should continue as prescribed in Part B. If no potential burrows are detected, no further surveys are required. A written report including photographs of the project site, location of burrowing owl habitat surveyed, location of transects, and burrow survey methods should be prepared. If the report indicates further surveys are not required, then the report should state the reason(s) why further focused burrowing owl surveys are not necessary.
- Focused Burrowing Owl Surveys will consist of site visits on four separate days. The first one may be conducted concurrent with the Focused Burrow Survey.
 1. Upon arrival at the survey area and prior to initiating the walking surveys, surveyors using binoculars and/or spotting scopes should scan all suitable habitat, location of mapped

burrows, owl sign, and owls, including perch locations to ascertain owl presence. This is particularly important if access has not been granted for adjacent areas with suitable habitat.

2. A survey for owls and owl sign should then be conducted by walking through suitable habitat over the entire project site and within the adjacent 150 meters (approximately 500 feet). These "pedestrian surveys" should follow transects (i.e. Survey transects that are spaced to allow 100 percent visual coverage of the ground surface. The distance between transect centerlines should be no more than 30 meters (approximately 100 feet) and should be reduced to account for differences in terrain, vegetation density, and ground surface visibility. To efficiently survey projects larger than 100 acres, it is recommended that two or more qualified surveyors conduct concurrent surveys. It is important to minimize disturbance near occupied burrows during all seasons.

If access is not obtained, then the area adjacent to the project site shall also be surveyed using binoculars and/or spotting scopes to determine if owls are present in areas adjacent to the project site. This 150-meter buffer zone is included to fully characterize the population. If the site is determined not to be occupied, no further surveys are required until 30 days prior to grading (see Pre-construction Surveys below).

After completion of appropriate surveys, a final report shall be submitted to the Riverside County Environmental Programs Department and the RCA Monitoring Program Administrator, which discusses the survey methodology, transect width, duration, conditions, and results of the survey. Appropriate maps showing burrow locations shall be included.

BIO-3 Western Riverside Best Management Practices (Volume I, Appendix C): The Proposed Project shall comply with the Standard BMPS of the MSHCP (Volume I, Appendix C), as follows:

1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.
2. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.
3. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.

4. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.
5. Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.
6. Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.
7. When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing of other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.
8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.
9. Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.
10. The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.
11. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.
12. Exotic species that prey upon or displace target species of concern should be permanently removed from the site to the extent feasible.
13. To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).
14. Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the

completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.

The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant with Mitigation Incorporated. The proposed Project includes six pipeline replacements within the BCVWD purveyance system within the Community of Cherry Valley. According to the Western Riverside County MSHCP Consistency Analysis and Habitat Assessment performed by Geovironment Consulting in August 2022 for the Project site (see Appendix B for the report), the literature search yielded no riparian or riverine features within any of the six proposed pipeline replacement alignments.¹⁰ Though no jurisdictional areas were within the proposed Project pipeline alignments, two riverine features were found within Pipeline 5’s respective 500-foot survey buffer during the literature search.¹⁰

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No hydrological features or MSHCP riparian/riverine features were observed or detected at Pipeline 1 during the biological reconnaissance survey performed on July 21, 2022.¹⁰ The vegetation community of the site consisted of General Barren, Urban/Developed/Disturbed land.¹⁰ Additionally, no sensitive natural communities were detected during the site survey.¹⁰

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. No hydrological features or MSHCP riparian/riverine features were observed or detected at Pipeline 2 during the biological reconnaissance survey performed on July 21, 2022.¹⁰ The vegetation community of the site consisted of General Barren, Urban/Developed/Disturbed land.¹⁰ Additionally, no sensitive natural communities were detected during the site survey.¹⁰

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and are designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and the are designated very low density residential (RC-VLDR). No hydrological features or MSHCP riparian/riverine features were observed or detected at Pipeline 3 during the biological reconnaissance survey performed on July 21, 2022.¹⁰ The

vegetation community of the site consisted of General Barren, Urban/Developed/Disturbed land.¹⁰ Additionally, no sensitive natural communities were detected during the site survey.¹⁰

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street, to an existing in-line valve (as identified by District field staff). Utica Way extends into a parcel zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR) land use. The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. No hydrological features or MSHCP riparian/riverine features were observed or detected at Pipeline 4 during the biological reconnaissance survey performed on July 21, 2022.¹⁰ The vegetation community of the site consisted of General Barren, Urban/Developed/Disturbed land.¹⁰ Additionally, no sensitive natural communities were detected during the site survey.¹⁰

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and is designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Noble Creek is located approximately 225 feet east of Pipeline 5 but separated from the feature by public roads and residential development.¹⁰ Little San Gorgonio Creek is located approximately 388 feet to the west of Pipeline 5, but also separated from the feature by public roads and residential development.¹⁰ No hydrological features or MSHCP riparian/riverine features were observed or detected at Pipeline 5 during the biological reconnaissance survey performed on July 21, 2022.¹⁰ The vegetation community of the site consisted of General Barren, Urban/Developed/Disturbed land. Additionally, no sensitive natural communities were detected during the site survey.¹⁰

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla (a paved road) from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The area to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. No hydrological features or MSHCP riparian/riverine features were observed or detected at Pipeline 6 during the biological reconnaissance survey performed on July 21, 2022.¹⁰ The Project site itself is within a paved road, however the immediate surrounding vegetation community is comprised of Coastal Oak Woodland.¹⁰ Additionally, no sensitive natural communities were detected during the site survey.¹⁰

The proposed Project shall also comply with the Standard Best Management Practices (BMPs) of the MSHCP (Volume I, Appendix C), also located in section 10.0 of Appendix B of this report to avoid any potential direct or indirect impacts to riparian/riverine features within Pipeline 5's respective 500 foot survey buffer and to avoid any potential direct or indirect impacts to other sensitive natural communities identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.¹⁰ Impact to riparian

habitat or other sensitive natural communities would be less than significant with implementation of Mitigation Measures BIO-3, Western Riverside Best Management Practices (Volume I, Appendix C).

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project have a substantial adverse effect on federally protected state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. Riparian habitat is associated with areas that become saturated with water from surface or ground-water resources and retain enough water to enable riparian flora and fauna to thrive. Though no jurisdictional areas were within the proposed Project sites, Noble Creek is located approximately 225 feet east of Pipeline 5 but separated from the feature by public roads and residential development.¹⁰ Little San Gorgonio Creek is located approximately 388 feet to the west of Pipeline 5, but also separated from the feature by public roads and residential development.¹⁰ With implementation of Mitigation Measure BIO-3, Western Riverside Best Management Practices (Volume I, Appendix C), no impact to federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means would result from the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant with Mitigation Incorporated. The six Project pipeline sites do not provided linkage to wildlife corridors and native habitat.¹⁰ Five of the six Project pipelines are located within paved roads and one of the six Project pipelines is located within a gravel road composed of primarily disturbed, ruderal vegetation. The surrounding area of each site offers little habitat value to resident or migratory wildlife and no habitat for migratory fish.¹⁰ However, while the Project sites do not have native habitat due to urbanization, Coastal live oak within the immediate surrounding and canopy cover of Project Pipeline 6 alignment could offer nesting habitat to birds protected under the Migratory Bird Treaty Act (MBTA) and the *California Fish and Game Code* §3503, §3503.5, and §3513, such as ducks, geese, songbirds, gulls, shorebirds, wading birds, and/or birds of prey.¹⁰ If Project activities occur during the bird nesting season (typically February 15 through September 1), a nesting bird survey shall be performed prior to construction to attenuate the potential for significant impact to migratory birds.¹⁰ Implementation of Mitigation Measure BIO-4 would reduce potential impacts to migratory birds to less than significant.

Mitigation Measure

BIO-4 Nesting Bird Surveys. If Project activities occur during the bird nesting season (i.e., February 1 through August 31), a pre-construction nesting bird survey should be performed by a qualified biologist no more than three days prior to any construction activities to avoid any direct or indirect impacts

to active nests and thus ensure compliance with the Migratory Bird Treaty Act (MBTA) and California Fish and Wildlife Code.

Additional measures may be put in place based on the results of the nesting bird survey at the discretion of the biologist performing the survey. These may include measures such as construction personnel training, the establishment of no disturbance buffers, on-site construction monitoring and/or spot monitoring.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. There are coast live oak trees adjacent to the Project Pipeline 6 site.¹⁰ The Project does not entail the removal of coast live oak or native vegetation. The Project is located within the Pass Area Plan which contains significant oak woodland areas that provide habitat and maintain environmental quality. The Pass Area Plan policy PAP 15.1 explains to protect viable oak woodlands through adherence to the Oak Tree Management Guidelines and Best Management Practices adopted by Riverside County.⁴ The County of Riverside Open Space Element also include policies OS 9.3 and OS 9.4 to conserve native vegetation and oak tree resources in the county. Furthermore, Riverside County Ordinance 559 prohibits the removal of any living native tree on any parcel or property greater than one-half acre in size, located in an area above five thousand (5,000) feet in elevation within the unincorporated area of the County without first obtaining a tree removal permit.¹¹ Pipeline 6 sits at approximately 3,308 feet above mean sea level (amsl). However, according to Ordinance 559, public utilities are exempt from the requirement to obtain a tree removal permit for projects related to the construction and maintenance of facilities under their jurisdiction. The project would be exempt from a tree removal permit since it is a public utility project; however, the Project does not entail the removal of trees or native vegetation at any of the six Project pipeline replacement sites. The Project would comply with all County policies or ordinances protecting biological resources, such as tree preservation and a less than significant impact would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project is located in the Pass Area Plan and within the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The Western Riverside County MSHCP Consistency Analysis (Analysis) located in Appendix B of this report provides the results of the required MSHCP assessments to determine if the proposed 2020 and 2021 Water Pipeline Replacement project (Project), was consistent with the goals and objectives of the MSHCP. Pipeline 6 500-foot survey buffer was within Subunit 2: Badlands/San Bernardino National Forest of the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP); however, Pipeline 1 – Pipeline 5 were not located within a specific Criteria Cell, Criteria Area, Cell Group, or Subunit.¹⁰ The Project would not conflict with any long-term conservation goals of the MSHCP. A portion of the Project area is located within a

¹¹ County of Riverside (2018, July 30). County of Riverside Code of Ordinances, Ordinance No. 559 Regulating the Removal of Trees

MSHCP-designated assessment area for two Narrow Endemic Plants; many-stemmed dudleya (*Dudleya multicaulis*) and Yucaipa onion (*Allium marvinii*).¹⁰ The Project area does not support suitable habitat (i.e., clay soils and rock outcrops) for those two species.¹⁰ Pipeline 3 and Pipeline 4 survey areas were located within a MSHCP-designated assessment area for burrowing owl.¹⁰ The Project area does not support suitable habitat for burrowing owl.¹⁰ The Project would result in less than significant impacts to an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

V. Cultural Resources

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. According to §15064.5 of the CEQA Guidelines, generally, a resource is considered “historically significant” by a lead agency if the resource meets the criteria for listing on the California Register of Historical Resources (California Public Resources Code, §5024.1, Title 14 CCR, §4852) including the following: (A) is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage; (B) is associated with the lives of persons important in our past; (C) embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or (D) has yielded, or may be likely to yield, information important in prehistory or history. A historical resource could be an object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant based on the above-stated criteria, provided the lead agency’s determination is supported by substantial evidence in light of the whole record.

The entire Project area has been disturbed through grading and disking; thus, any construction activities would not constitute a significant impact to any historical resources under CEQA. Five of the Project pipelines are located within paved roads and one within a dirt road. The proposed Project would have no impact on any historical resources as defined in §15064.5.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant with Mitigation Incorporated. The six-pipeline replacement Project is located within six roads. Five paved roads and one gravel road. The current pipeline systems within these six roads are proposed to be abandoned. While Project improvements are not anticipated to impact native base rock or native soils that could contain unique archaeological sites deemed significant per §15064.5 of the CEQA Guidelines, Mitigation Measure CULT-1 would reduce the potential for impact to less than significant.

Mitigation Measure

CULT-1 Archeological Resources. If unanticipated cultural resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a qualified paleontologist to assess the significance of such resources and shall meet with the City Director of Development Services to assess the significance of such resources and shall meet and confer regarding mitigation for such resources in order to comply with California Public Resources Code §21083.2(b).

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The closest cemetery to the proposed Project alignment is the Mountain View Cemetery at 1315 Edgar Ave, Beaumont, CA 92223-1809 located approximately 2.45 miles south of the nearest pipeline Project site (Pipeline 2). Project activity would not impact the cemetery. Though unlikely, Mitigation Measure CULT-2 would reduce impacts to human remains to less than significant.

Mitigation Measure

CULT-2 Human Remains. If human remains are encountered, California Health and Safety Code §7050.5 states that no further disturbance shall occur until the Riverside County Coroner has made the necessary findings as to origin. Further, pursuant to California Public Resources Code §5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission must be contacted within 24 hours. The Native American Heritage Commission must then immediately identify the "most likely descendants(s)" for purposes of receiving notification of discovery. The most likely descendant(s) shall then make recommendations within 48 hours and engage in consultation concerning the treatment of the remains as provided in Public Resources Code §5097.98.

VI. Energy

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Section 4.1 Energy Resources of the Riverside County General Plan EIR defines "energy" as a force that enables "work" to be done and "energy conservation" is defined in terms of: decreased reliance on natural gas and electricity; decreased per-capita energy consumption; and increased use of renewable energy sources. "Energy efficiency" involves the creation and use of technology to produce the same end product

using less energy.¹² Construction and operation of the Project would be subject to energy efficiency regulations, standards and goals including CCR Title 24 Building Energy Efficiency Standards, Assembly Bill 341 (AB 341) for trash recycling, and the County’s Climate Action Plan. In addition, the Project would be required to comply with the SCAQMD and State regulatory rules identified in Table 5 of response c) of Section III. Air Quality that are aimed at reducing unnecessary truck and equipment energy consumption during Project construction and operation. Project compliance with State and local energy efficiency regulations, standards and goals would reduce the potential for environmental impact due to wasteful, inefficient or unnecessary consumption of energy resources, during Project construction or operation to a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project would be subject to the most recent rulemaking updates to CCR Title 24, Building Energy Efficiency Standards. Title 24 efficiency standard for residential and nonresidential new construction and alterations are updated approximately every three years: buildings for windows, insulation, lighting, air conditioning systems, water heating, digital controls, escalators, elevators and other features that reduce energy consumption in houses and businesses. Since 1978, Title 24 standards have helped protect the environment by reducing more than 250 million metric tons of greenhouse gas emissions (or the equivalent of removing 37 million cars off California roads)¹³. The Project would also be subject to goals and policies in the County’s Climate Action Plan, prepared on November 2019.¹⁴ In addition, the Project would be subject to energy efficiency regulations such as AB 341 signed on July 1, 2012, requiring all businesses in California that generate four or more cubic yards of waste per week (i.e., the size of a dumpster) to recycle. The Community of Cherry Valley’s hauler, Waste Management, offers a wide variety of recycling services. The Project would result in less than significant impact to a state or local plan for renewable energy or energy efficiency.

¹² County of Riverside (2015, February). County of Riverside General Plan Environmental Impact Report. Section 4.1 Energy Resources.

¹³ California Energy Commission (2019, April). California Energy Commission, 2022 Building Energy Efficiency Standards – Title 24.

¹⁴ County of Riverside (2019, November). County of Riverside Climate Action Plan Update.

VII. Geology and Soils

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The main purpose of the Alquist-Priolo Earthquake Fault Zoning Act is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. It requires any structure for human occupation to be set back at least 50 feet from an active fault. According to the California Geologic Survey (CGS), faults are classified as active, potentially active, or inactive. Under Alquist-Priolo Earthquake Fault Zoning Map Act, the State of California defines active faults as faults that have historically produced earthquakes or shown evidence of movement within the past 11,000 years (during the Holocene Epoch).¹⁵ The Project site is located in the seismically active Southern California region characterized by major faults and fault zones. The six Project pipelines are located in six different locations throughout the Community of Cherry Valley. The Project is located between the San Andreas Fault Zones; however, the Riverside County Fault Zone Maps do not indicate any active faults or fault zones extending across any of the six Project sites.¹⁶ The nearest active sites to the Project area are the Banning Fault located approximately 0.95 miles to the northwest of the Project site and the San Andreas Fault located approximately 1.65 miles to the southeast of the Project site.

Additionally, according to the Riverside County Parcel Reports for each of the surrounding parcels of each of the six Project sites, the Project isn't located within a currently designated Alquist-Priolo (AP) Earthquake Fault Zone. Impacts to people or structures, including risk of loss, injury, or death, due to rupture of an earthquake fault as a result of the Project would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The proposed site is situated in a seismically active region. As is the case for most areas of Southern California, ground shaking resulting from earthquakes associated with nearby and more distant faults may occur at the Project site. During the life of the Project, seismic activity associated with active faults can be expected to generate moderate to strong ground shaking at the site. The potential for surface rupture resulting from the movement of nearby major faults is not known with certainty but is considered low. The Project would be subject to compliance with Title 15, Chapter 15.60 Earthquake Fault Area Construction of the Codified County of Riverside

¹⁵ California Department of Conservation (2022). California Geological Survey Alquist-Priolo Earthquake Fault Zones. Retrieved from: <https://www.conservation.ca.gov/cgs/alquist-priolo>

¹⁶ County of Riverside (2021, September 28). County of Riverside General Plan, Safety Element, Figure 1: Fault Lines

Ordinance as it may relate to the Project.¹⁷ As a result, impacts to people or structures, including risk of loss, injury, or death, associated with seismic ground-shaking would be less than significant as a result of the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Ground shaking can induce “secondary” seismic hazards such as liquefaction, dynamic densification, and ground rupture, including dynamic settlement (liquefaction and/or dry settlement). Liquefaction is the transformation of a granular material from a solid state into a liquefied state due to increased pore-water pressures. Soils and clastic sediment with particle size in the medium sand to silt range are particularly susceptible to liquefaction when they are saturated with water and shaken by an earthquake. Liquefaction at or near the surface can result in foundation failure and property damage. The County Liquefaction Zones map indicates the Project area is not within a CSG Liquefaction Zone.¹⁸ Additionally, according to the Riverside County Parcel Reports for each of the surrounding adjacent parcels to the six Project pipelines, the Project has a low potential for liquefaction. In addition, the Project would comply with the Codified County of Riverside Ordinance, including Title 15 Building and Construction for development of the Project. Therefore, potential impacts associated with seismic-related failure, including liquefaction, are considered less than significant

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Seismically induced landslides and other slopes failures are common occurrences during or soon after earthquakes. A combination of geological conditions leads to landslide vulnerability, such as high seismic potential; rapid uplift and erosion resulting in steep slopes and deeply incised canyons; highly fractured and folded rock; and rock with inherently weak components such as silt or clay layers. Landslides are often triggered by seismic activity; however, slope failure does not need to be triggered by an earthquake. Strong ground motions can worsen existing unstable slope conditions, particularly if coupled with saturated ground conditions. According to the Pass Area Plan Slope Stability map in the County of Riverside General Plan, the Project area is within a low to locally moderate susceptibility to seismically induced landslides and rockfalls.¹⁹ The Project will not expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving landslides, and less than significant impact would occur.

¹⁷ County of Riverside (2022, July 27). Riverside County Code of Ordinances, Title 15, Chapter 15.60 – Earthquake Fault Area Construction Regulations.

¹⁸ County of Riverside (2021, September 28) County of Riverside General Plan, Safety Element, Figure 2: Liquefaction Zones

¹⁹ County of Riverside (2015, December 8). County of Riverside General Plan, The Pass Area Plan, Figure 16 – The Pass Area Plan Slope Instability.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. Construction of the Project could result in soil erosion or loss of topsoil during grubbing and grading activity and development activity. In areas that would require topsoil exposure for construction of new pavement, exposed soils would be compacted and paved over quickly and/or properly covered until developed. In general, the Project would be required to comply with the Codified County of Riverside Ordinances, including Chapter 16.52, Soil Erosion, and Chapter 13.12, Stormwater Drainage System Protection Regulations. Additionally, the Project would be required to comply with Section 402 of the federal Clean Water Act which requires preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) for projects impacting 1 or more acres of landmass. Furthermore, all construction activities would be required to comply with SCAQMD Rule 403 regarding the control of fugitive dust. In addition, implementation of Mitigation Measure GEO-1 would reduce impacts involving soil erosion or loss of topsoil to less than significant levels.

Mitigation Measure

GEO-1 Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP). Prior to issuance of a Grading or Building Permit, and as part of compliance with the NPDES requirements, a Notice of Intent shall be prepared and submitted to the Santa Ana Regional Water Quality Control Board (RWQCB) providing notification and intent to comply with the State of California General Construction Permit. A copy of the SWPPP shall be available and implemented at the construction site at all times. The SWPPP shall outline the source control and/or treatment control BMPs to avoid or mitigate runoff pollutants at the construction site to the “maximum extent practicable.” All recommendations in the Plan shall be implemented during area demolition/preparation, grading, and construction. The Project shall comply with each of the recommendations detailed in the Plan to mitigate potential storm water runoff impacts. Construction Best Management Practices (BMPs) included in the Plan, shall include but not be limited to:

- Construction waste shall be disposed of properly in accordance with applicable federal, state and local regulations. Use appropriately labeled recycling bins to recycle construction materials including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.
- Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.
- Dumpsters shall be covered and maintained.
- Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.
- Vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains or exposed soils. Major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.
- Regularly water newly graded areas and exposed dirt stockpiles;
- Follow Project SWPPP procedures to prevent sediment and nuisance runoff from entering the drainage.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project is not located on a geological unit or soil identified as being unstable or having the potential to result in or off-site landslide, lateral spreading, subsidence, and liquefaction or collapse. According to the Pass Area Plan Seismic Hazards map, the Project site isn't located within an active fault zone.¹⁶ According to the Pass Area Plan Slope Stability map in the County of Riverside General Plan, the Project area is within a low to locally moderate susceptibility to seismically induced landslides and rockfalls.¹⁹ Additionally, the Project site was previously developed and would be located under the existing street with engineered and compacted fill dirt material. Compliance with the applicable County building and construction codes would lessen impacts associated with any potential for unstable geologic unit or soil and associated potential for on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse to less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Expansive soils shrink when dry and swell when wet as a result of a high percentage of clay. Expansion can exert enough pressure to crack sidewalks, driveways, basement floors, pipelines, and even foundations. The Project consists of six pipeline replacements within the Community of Cherry Valley. Five of the six Project sites have been paved and one of the six Project sites consists of a gravel road. Compliance with applicable County building and construction codes would lessen impacts associated with any potential for expansive soils to less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project would not involve the use of septic tanks or alternative waste disposal systems where sewers are not available for the disposal of wastewater. Therefore, no impact related to incapability of soil to support the use of septic tanks or alternative wastewater disposal systems would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. Paleontological resources are the fossilized biotic remains of ancient environments, including fossilized flora and fauna. Riverside County has been assessed for geologic formations known to potentially contain paleontological resources. Lands with low, undetermined or high potential for finding paleontological resources are mapped on the County's Paleontological Sensitivity Resources map. The Project is not expected to directly or indirectly destroy unique geological features. The County of Riverside General Plan Paleontological Sensitivity Map shows the Project site in an area of "undetermined potential (u)" for paleontological resources²⁰. Paleontological fossils are typically encountered during grading in geologic formations that contain important non-human fossil. The Project would result in shallow subsurface impacts within a developed area that contains engineered fill material within street right of way. While Project improvements are not anticipated to impact native base rock or native soils that could contain unique paleontological sites, implementation of Mitigation Measure GEO-2 would reduce the potential for significant impact to paleontological resources to less than significant.

Mitigation Measure

GEO-2 Paleontological Resources. If unanticipated paleontological resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a paleontologist to assess the significance of such resources and shall meet with the City Director of Development Services to confer regarding mitigation for such resources in order to comply with California Public Resources Code §5097.5.

²⁰ County of Riverside (2013, December 16). County of Riverside General Plan, Open Space Element, Figure OS-8 – Paleontological Sensitivity.

VIII. Greenhouse Gas Emissions

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Greenhouse gas (GHG), as codified in CEQA Guidelines §15364.5, includes, but is not limited to, carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. Greenhouse gases are gases that cause and contribute to climate change, commonly referred to as global warming. They vary in potency and are usually measured in tons or million metric tons of carbon dioxide equivalents. Transportation followed by electricity generation and natural gas used in buildings are the largest sources of California's GHG emissions.²¹ As legislation like Assembly Bill 32 (California Global Warming Solution Act of 2006), California Senate Bill 97 and Executive Order S-3-05 have brought the requirement for GHG reductions to the forefront of Californian conscientious, GHG reductions have become important, through increased vehicle fuel efficiency, building energy efficiency and increased reliance on renewable energy sources.

The County of Riverside Climate Action Plan (CAP) was updated and adopted in November 2019. Chapter 4 of the CAP discusses County measures for GHG emissions reduction programs and regulations. To continue reductions consistent with the State's long-term emissions reduction goals, the County would need to reduce emissions in 2030 by 525,511 MT CO₂e from an Adjusted Business-As-Usual (ABAU) forecast and by 2,982,947 MT CO₂e from an ABAU forecast by 2050. Riverside County as a whole emitted 4,905,518 MT CO₂e in 2017. The largest portion of Riverside County's 2017 emissions were from transportation (36 percent), followed by agriculture (34 percent), and electricity and natural gas in buildings (24 percent).¹⁴

The Project is a total of six pipeline replacement segments within roads throughout the Community of Cherry Valley. The Project does not propose the development of any residential or commercial buildings and does not propose development for agriculture uses. The Proposed Project is anticipated to generate GHG emissions from construction equipment and area sources, energy usage, mobile sources, waste disposal and water usage associated with construction. Considering the short-term nature of construction activities as well as the minimal total GHG emissions estimated for Project construction and operation, the Project is not expected to generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. Therefore, potential impacts associated with GHG emissions from the Project would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project conflict with an applicable plan, policy or regulation adopted for the purpose or reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHG emissions. The County of Riverside adopted the County of Riverside Climate Action

²¹ Institute of Local Government (2011, September). Evaluating Greenhouse Gas Emissions as Part of California's Environmental Review Process: A Local Official's Guide.

Plan in 2019, that was prepared to meet the requirements of state laws that include a GHG emissions inventory and detailed actions for the unincorporated area of Cherry Valley to meet the GHG emissions reduction targets that the County committed to. Through implementation of the sustainability features required by the County, the proposed Project would result in no impact.

IX. Hazards and Hazardous Materials

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. Construction activities associated with the proposed Project would use small quantities of hazardous and flammable substances routinely utilized in the operation of equipment and vehicles, including but not limited to, oil, diesel fuel, and transmission fluid. Transport, use, or disposal of these hazardous substances during construction would occur according to instructions provided by the product manufacturer, including proper methods of storage and disposal. The potential for the release of these materials is considered low and, even if a release were to occur it would not result in a significant hazard to the public, surrounding uses, or the environment due to the small quantities of these materials associated with construction and operation. However, to ensure the Project area is kept clean and free of hazards during construction, the Project would implement Mitigation Measure HAZ-1 described below. Therefore, the proposed Project would have a less than significant impact with mitigation incorporated on the public or the environment as a result of the routine transport, use, or disposal of hazardous materials.

Mitigation Measure

HAZ-1 Spill Prevention and Clean-up Best Management Practices. To reduce the potential for materials and pollutants associated with construction to be discharged to the environment, the Project Proponent will implement the following:

- Containment and cleanup equipment (e.g., absorbent pads, mats, socks, granules, drip pans, shovels, and lined clean drums) will be at the staging areas and construction site for use, as needed.
- Staging areas where refueling, storage, and maintenance of equipment occur will not be located within 100 feet of drainages to reduce the potential for contamination by spills.
- Construction equipment will be maintained and kept in good operating condition to reduce the likelihood of line breaks or leakage.
- No refueling or servicing will be done without absorbent material (e.g. absorbent pads, mats, socks, pillows, and granules) or drip pans underneath to contain spilled material. If these activities result in an accumulation of materials on the soil, the soil will be removed and disposed of properly.
- If a spill is detected, construction activity will cease immediately, and the Contractor will immediately react to safely contain and remove spilled materials.
- Spill areas will be restored to pre-spill conditions, as practicable.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The Project would involve the use of concrete, asphalt, slurry seal, and solvents during construction. Use and storage of such hazardous materials would be required to comply with product labeling and disposal requirements. As discussed above in item 4.8 a), the Project would implement spill prevention and clean-up best management practices identified in Mitigation Measure HAZ-1 described above to reduce the potential for the release of hazard to the public or the environment through during construction of the Project. As a result, impacts to the public and environment from hazardous materials would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project would involve the use of concrete, asphalt, slurry seal, and solvents during construction use and storage of which would be required to comply with product labeling.

PIPELINE 1. Cherry Valley Brethren Preschool is the nearest school to Pipeline 1 Project site and is located approximately 0.84 miles northwest of the anticipated construction route.

PIPELINE 2. Beaumont High school is the nearest school to Pipeline 2 Project site and is located approximately 0.85 miles southwest of the anticipated construction route.

PIPELINE 3. Cherry Valley Brethren Preschool is the nearest school to Pipeline 3 Project site and is located approximately 0.05 miles southeast of the anticipated construction route.

PIPELINE 4. Cherry Valley Brethren Preschool is the nearest school to Pipeline 4 Project site and is located approximately 1.04 miles east of the anticipated construction route.

PIPELINE 5. Cherry Valley Brethren Preschool is the nearest school to Pipeline 5 Project site and is located approximately 0.7 miles southwest of the anticipated construction route.

PIPELINE 6. Cherry Valley Brethren Preschool is the nearest school to the Project site located approximately 2.02 miles southwest of the anticipated construction route.

The proposed Project does not involve transporting or emitting acutely hazardous materials that could result in a danger to a nearby school. Impacts resulting from emission of acutely hazardous materials in proximity to a school would be less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The proposed Project is not located on a site included on a list of hazardous materials sites compiled pursuant to California Government Code §65962.5. (www.envirostor.dtsc.ca.gov/public/ or <http://geotracker.waterboards.ca.gov> accessed on September 20, 2022). No impact would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The nearest public airport to the proposed Project site is Banning Municipal Airport in Banning, CA (BNG / KBNG) which is 4.66 miles away. The Project is not located within an airport land use plan or within 2 miles of a public airport or public use airport, and it would not result in a safety hazard for people residing or working in the project area.² No impact would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. County of Riverside Code Chapter 2.100, Emergency Management Organization, provides for, among other responsibilities, the preparation and implementation of plans for the protection of persons and property within the County in the event of the emergency or disaster conditions; and the coordination of the disaster functions of the County with all other public agencies, corporations, organizations, and affected private persons. The Project would comply with Codified County of Riverside Ordinances, including Title 15 specifying building and construction standards, and no impact to an adopted emergency response plan or emergency evacuation plan would result from the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
g) Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires??	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project site is located in an area of Very High/High/Moderate FHSZ on the Wildfire Susceptibility map for the Pass Area Plan of the County of Riverside General Plan.²² The County of Riverside The Pass Area Plan policy PAP 18.1 states that all proposed development located within High or Very High Fire Hazard Severity Zones shall protect life and property from wildfire hazards through adherence to policies identified in the Fire Hazards (Building Code and Performance Standards), Wind-Related Hazards and General and Long-Range Fire Safety Planning section of the General Plan Safety Element.² The topography is dominated by hillsides and canyons, resulting in channels or air flow that can create extremely erratic winds on the slopes and in the canyons. The potential for a severe wildfire to occur is increased if dense vegetation growth and accumulations of dead plant material are present. Weather conditions and steep terrain also increase the hazardous wildfire potential; however, these conditions do not cause wildfires. The potential for risk of loss, injury or death due to wildlands fires exist in the Project area. Human error, arson, high-voltage lines, vehicles and lightning are the primary causes of wildfires. The Project will comply with all County Building Code and Performance Standards In order to ensure that the Project does not result in a fire hazard, Mitigation Measure HAZ-2, described below, will be implemented to reduce the potential for impacts resulting from wildlands fires to less than significant with mitigation incorporated.

Mitigation Measure

HAZ-2 Fire Prevention Best Management Practices. In order to reduce the potential for a wildfire during construction, the Project will implement the following mitigation measures:

- **Comply with Applicable Laws.** Comply with all applicable laws of the State of California.
- **Confine Welding Activity.** Confine welding activity to areas having a minimum radius of ten feet cleared to mineral soil, wet down an area within 25 feet in all directions from welding operations with a 0.3 percent Class A Foam Solution, and utilize a welding tent or metal shield where possible to deflect sparks. Include one shovel and one backpack five-gallon water-filled tank with pump with each welder.
- **Prevent Fire and Extinguish Fires.** Be responsible for preventing the escape of fires as a result of Project construction and have a fully charged fire extinguisher (U.L. rated at 2-A: 10-B: C, or larger) on each truck, personnel vehicle, tractor, grader and other heavy equipment, at all times.
- **Prohibit Smoking.** Under no circumstances shall smoking be permitted while employees are operating light or heavy equipment, or walking or working, near native habitat.
- **Clear Key Areas of Flammable Material.** Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least ten feet. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine.
- **Remove Waste.** The construction contractor shall remove all waste materials from the Project site on a daily basis, as able.

²² County of Riverside (2022, March 3). County of Riverside General Plan, The Pass Area Plan. Figure 12 The Pass Area Plan Wildfire Susceptibility Map.

- **Notify 9-1-1.** Construction workers shall notify 9-1-1 of any fires along roads or in or near the Project area as soon as feasible.
- **Maintain Fire Prevention Service Access.** Access roads shall remain open and passable for emergency vehicles at all times.
- **Use Spark Arrestors.** Equip all diesel and/or gasoline-operated engines with spark arresters that meet standards set forth in the National Wildfire Coordinating Group publication for Multi-position Small Engines, #430-1, or General Purpose and Locomotive, #430-2. Spark arrestors are not required on equipment powered by exhaust-driven turbo charged engines or motor vehicles equipped with a maintained muffler.
- **Use Water Tank.** BCVWD or its contractor shall furnish a water truck and/or hose, or a water buffalo attachment, with a pick-up truck at the staging area during construction.

X. Hydrology and Water Quality

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The Project is located in the Santa Ana River Watershed. The Project consists of six pipeline replacements within the BCVWD’s water purveyance system in the Community of Cherry Valley. The Project would not result in downstream water pollution (e.g., bacterial indicators, metals nutrients pesticides, toxic organic compounds, sediments trash & debris, oil & grease), sedimentation, and/or flooding. The Project will not violate any water quality standards or waste discharge requirements. Potential short-term surface water quality impacts related to Project construction activities include runoff of loose soils and/or construction wastes and fuels that could potentially percolate into the ground or runoff onto the street. As no expansion of the site’s septic systems is proposed and the septic systems are in operation, impacts will be less than significant. Impacts to groundwater would be less than significant.

However, the Project would be required to comply with Section 402 of the Clean Water Act, which requires the preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) for construction impacts to 1 acre or more. Implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section VII. Geology and Soils would reduce impacts to water quality standards during construction to less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project would consist of six pipeline replacements within the BCVWD’s water purveyance system in the Community of Cherry Valley and would not involve the extraction of groundwater. The Project is not anticipated to alter or deplete groundwater supplies or interfere with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. The Project would entail improvement

of the water system of the existing water purveyor (BCVWD). No impact to groundwater would occur as a result of the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) result in a substantial erosion or siltation on-or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant with Mitigation Incorporated. No stream or river exists on any of the Project Sites. The Project consists of six pipeline replacements within the BCVWD’s water purveyance system in the Community of Cherry Valley. Noble Creek is approximately 0.25 miles to the east of Pipeline 1 and Pipeline 2. Little San Gorgonio Creek is approximately 0.68 miles southeast from Pipeline 3 and 0.69 miles from Pipeline 4. Noble Creek is approximately 0.04 miles southeast from Pipeline 5 and 0.22 miles east from Pipeline 6. Little San Gorgonio Creek is approximately 0.08 miles east of Pipeline 5 and 0.27 miles west from Pipeline 6. The Project wouldn’t substantially alter the existing drainage pattern of the sites or areas, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or offsite. With implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section VII. Geology and Soils, the Project wouldn’t substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river in a manner which would result in substantial erosion or siltation on-or offsite. Impacts will be less than significant with mitigation incorporated.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. No stream or river exists on any of the Project Sites. The Project consists of six pipeline replacements within the BCVWD’s water purveyance system in the Community of Cherry Valley. Noble Creek is approximately 0.25 miles to the east of Pipeline 1 and Pipeline 2. Little San Gorgonio Creek is approximately 0.68 miles southeast from Pipeline 3 and 0.69 miles from Pipeline 4. Noble Creek is approximately 0.04 miles southeast from Pipeline 5 and 0.22 miles east from Pipeline 6. Little San Gorgonio Creek is approximately 0.08 miles east of Pipeline 5 and 0.27 miles west from Pipeline 6. With implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section VII. Geology and Soils, the Project wouldn’t substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite. Impacts will be less than significant with mitigation incorporated.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The Project would not increase impervious surfaces and/or nuisance and storm flows such that flows could not be accommodated by the existing storm drain system. Existing drainage will remain unaltered given the existing urban development of the site. The Project would not result in runoff that would exceed the capacity of existing or planned storm water drainage systems or result in downstream water pollution (e.g., pathogens, sedimentation, metals, hydrocarbons, nitrates). With implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section VII. Geology and Soils, the Project wouldn't create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Impacts will be less than significant with mitigation incorporated.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project site is located in Zone X, an area of minimal zone hazard, according to FEMA Flood Panel #06065C0805G.²³ The Project entails six pipeline replacements within within the BCVWD's water purveyance system in the Community of Cherry Valley. The Project is anticipated to result in no impact with regard to impeding or redirecting flood flows.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project cause or expose people and structures to inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project is located inland and away from any open water source or flood control dam that could result in a seiche, tsunami, or mudflow. The Project would not cause or expose people and structures to inundation by seiche, tsunami, or mudflow. No impact would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant with Mitigation Incorporated. Noble Creek flows to San Timoteo Creek which flows to the Santa Ana River and out to the Pacific Ocean. The Project site is within the boundary of the Santa Ana Region Basin Plan for surface and groundwater. Storm flows from the Project site will be contained onsite via soil percolation or

²³ FEMA (2022). FEMA Flood Map Service Center: Search By Address.

sheet flow into the municipal separate storm sewer system (MS4). The Project wouldn't result in direct impacts to Noble Creek or ground water. With implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section VII. Geology and Soils, the Project wouldn't conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. Impacts will be less than significant with mitigation incorporated.

XI. Land Use/Planning

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The proposed Project involves six pipeline replacements within the BCVWD's water purveyance system in the Community of Cherry Valley. The purpose of the Project is to improve the conveyance system to accommodate growth in the area. The Project wouldn't physically divide an established community and no impact is anticipated.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. In its built condition, Pipeline 1 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. In its built condition, Pipeline 2 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and the is designated very low density residential (RC-VLDR). In its built condition, Pipeline 3 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The area to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline

4 will be located in. In its built condition, Pipeline 4 would not be visible because the road would be backfilled and covered following construction of pipeline replacement. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The area to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. In its built condition, Pipeline 5 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The areas to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. In its built condition, Pipeline 6 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

The purpose of the Project is to improve the conveyance system to accommodate growth in the area. The Project wouldn't physically divide an established community and no impact is anticipated.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b)	Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project is located in the Pass Area Plan and the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The Project consists of six pipeline replacements within the BCVWD's water purveyance system in the Community of Cherry Valley.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The areas to the north, south, east and west of Pipeline 1 and Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. In its built condition, Pipeline 1 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. In its built condition, Pipeline 2 would

not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and the are designated very low density residential (RC-VLDR). In its built condition, Pipeline 3 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The areas to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and is designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. In its built condition, Pipeline 4 would not be visible because the road would be backfilled and covered following construction of pipeline replacement. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The areas to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. In its built condition, Pipeline 5 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The areas to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. In its built condition, Pipeline 6 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

No general plan or zone change would be required for the Project. The Project would not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. No impact is anticipated.

XII. Mineral Resources

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project is located on 6 different street segments within the Community of Cherry Valley. The Project is located in MRZ-3, an area where the available geological information indicates that mineral deposits are likely to exist, however, the significance of the deposit is undetermined.²⁴ Mining would be incompatible with the area's current and future land uses. No mineral resource reserved exist on the Project or vicinity. Accordingly, no impact to availability of valuable mineral resources would occur.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project is located on six different street segments within the Community of Cherry Valley. No locally important mineral recovery site exists on the Project sites or vicinity. As mentioned in section 6.12 a) above, the Project site is located in an MRZ-3 zone. The Project wouldn't result in the loss of availability of a mineral recovery site identified in a local general plan, specific plan, or other land use plan. No impact would occur.

XIII. Noise

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project would result in short-term construction noise associated with site preparation, demolition, grading, and construction.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west

²⁴ County of Riverside General Plan (2013, December 6). County of Riverside General Plan Environmental Impact Report No. 521, Mineral Resources Zone Map, Figure 4.1.4.1

of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. In its built condition, Pipeline 1 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. In its built condition, Pipeline 2 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The area to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR). In its built condition, Pipeline 3 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The areas to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. In its built condition, Pipeline 4 would not be visible because the road would be backfilled and covered following construction of pipeline replacement. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The areas to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. In its built condition, Pipeline 5 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The areas to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land

use. In its built condition, Pipeline 6 would not be visible because the road would be repaved following construction of pipeline replacement. No impact would occur.

Pursuant to Title 9 – Public Peace, Morals and Welfare, Chapter 9.52 Noise Regulation of the Codified County of Riverside Ordinance, when sound becomes noise it may jeopardize the health, safety, or general welfare of Riverside County residents and degrade their quality of life. Section 19.52.020, Exemptions, dismisses sound emanating from a list of sources, including A) facilities owned or operated by or for a government agency; and B) capital improvement projects of a government agency. Construction noise is one of the most common mobile noise sources in the County and the use of pile drivers, drills, trucks, pavers, graders, and a variety of other equipment can result in short, sporadic elevated noise levels. Typical operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings. Construction noise reduction methods should be utilized to the maximum extent feasible near sensitive receptors, such as homes.

The Project is not itself growth-inducing, any incremental increase in noise is not anticipated to result in exceedance of noise level standards and therefore would not be readily audible over ambient noise levels at any of the nearby sensitive receptors, namely the residential uses surrounding the Project site. Project operational noise would comply with the goals and policies of the County’s General Plan and County Municipal Code and is not expected to expose sensitive receptors to excessive noise levels and impacts are anticipated to be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Buildings respond to these vibrations with varying results ranging from no perceptible effects at the low levels to slight damage at the highest levels. Construction activity can result in varying degrees of ground vibration, depending on the equipment used on the site but is expected to be very short term and is not anticipated to result in structural damage. No increase in ground borne vibration or noise is anticipated during Project operation. In general, no significant impacts involving vibration or ground borne noise level would result from the Project and impacts would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) For a project located within the vicinity of a private airstrip or airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The closest airport is the Banning Municipal Airport located approximately 8.33 miles southeast of the Project site. The Banning Municipal Airport Influence Areas is approximately 6.31 miles southeast of the Project site.²⁵ The Project is not located within an airport land use plan or within two miles of a public airport. No impact would occur.

²⁵ County of Riverside (2015, December 8). The County of Riverside General Plan, The Pass Area Plan. Figure 4 The Pass Area Plan, Overlays and Policy Areas.

XIV. Population and Housing

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The population of the Cherry Valley community was approximately 6,362 at the 2010 census and 5,891 at the 2000 census. Population grew in the community at a rate of approximately 7 percent which is significantly slower than the greater Riverside County, which has doubled in a twenty-year span and estimated to be 2,450,758 as of 2018. The Project proposes construction of six pipeline replacements within six road segments located throughout the Community of Cherry Valley. BCVWD has been servicing the area since approximately 1919 with water infrastructure. While the proposed Project wouldn't induce growth in the community, it would improve the BCVWD water service to the area. No impact involving substantial population growth in the area is anticipated as a result of the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project displace substantial numbers of existing people or housing units, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project proposes replacement of six pipelines located in six different roads located throughout the Community of Cherry Valley.

PIPELINE 1:

The proposed Pipeline 1 includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 1 and Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. Pipeline 1 sits at approximately 2893 feet amsl. No impact would occur.

PIPELINE 2:

The proposed Pipeline 2 includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The area to the north, south, east and west of Pipeline 2 consist of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1. Pipeline 2 sits at approximately 2878 feet amsl. No impact would occur.

PIPELINE 3:

The proposed Pipeline 3 includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and residential agriculture (R-A-5) and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential

(MDR) land use. The areas to the east and west of Pipeline 3 are zoned light agriculture (A-1-1) and the is designated very low density residential (RC-VLDR). Pipeline 3 sits at approximately 2752 feet amsl. No impact would occur.

PIPELINE 4

The proposed Pipeline 4 includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The areas to the north, east, south, and west of Pipeline 4 are zoned light agriculture (A-1-1) and are designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. Pipeline 4 sits at approximately 2740 feet amsl. No scenic vistas exist on or in the vicinity of the site. No impact would occur.

PIPELINE 5:

The proposed Pipeline 5 includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The areas to the north, south, and east of Pipeline 5 are zoned residential agriculture (R-A-1) and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Noble Creek is located approximately 140 feet east to the most eastern portion of the pipeline location. Little San Gorgonia Creek is located approximately 405 feet west from the most western portion of the pipeline location. Pipeline 5 sits at approximately 2924 feet amsl. No impact would occur.

PIPELINE 6:

The proposed Pipeline 6 includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The areas to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. Pipeline 6 sits at approximately 3,308 feet amsl. No impact would occur.

The Project would not displace existing people or housing. No impact is anticipated.

XV. Public Services

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any or the public services: Fire protection? Police protection? Schools? Parks? Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Table 3 identified public service facilities in the Project area.

Table 2 - Public Service Facilities

Public Service	Location in or near Cherry Valley	Distance from Project Site
Riverside County Fire Station No. 22	10055 Avenida-Miravilla Beaumont, CA 92223	~ 0.64 miles from Pipeline 1 ~ 0.67 miles from Pipeline 2 ~ 1.19 miles from Pipeline 3 ~ 1.44 miles from Pipeline 4 ~ 0.3 miles from Pipeline 5 ~ 1.61 miles from Pipeline 6
Beaumont Police Department	660 Orange Ave, Beaumont, CA 92223	~ 3.48 miles from Pipeline 1 ~ 3.42 miles from Pipeline 2 ~ 3.86 miles from Pipeline 3 ~ 3.76 miles from Pipeline 4 ~ 3.93 miles from Pipeline 5 ~ 5.09 miles from Pipeline 6
Beaumont Public Library	125 E 8 th Street Beaumont, CA 92223	~ 3.48 miles from Pipeline 1 ~ 3.42 miles from Pipeline 2 ~ 3.61 miles from Pipeline 3 ~ 3.46 miles from Pipeline 4 ~ 3.89 miles from Pipeline 5 ~ 5.1 miles from Pipeline 6
Bogart Park	9600 Cherry Avenue	~ 1.14 miles from Pipeline 1 ~ 1.19 miles from Pipeline 2 ~ 2.57 miles from Pipeline 3 ~ 2.81 miles from Pipeline 4 ~ 0.91 miles from Pipeline 5 ~ 0.67 miles from Pipeline 6

Source: City Website and Google Earth, 2022

Note: "~" = approximately

The Project would not involve an increase in population using public services with exception of construction workers. The Project would include replacing six pipelines within roads throughout the Community of Cherry Valley. The Project would not result in significant threats of deterioration to the existing levels of service at public service facilities nor the need to build additional public service facilities. A less than significant impact to public services would occur as a result of the Project.

XVI. Recreation

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project consists of replacing six pipelines within six different roads located in the Community of Cherry Valley. It does not involve any elements that would result in an impact to nearby park or recreational facilities. No impacts to park facilities would occur as a result of the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project consists of replacing six pipelines within roads located in the Community of Cherry Valley. The Project would not impact recreational facilities or require the construction or expansion of recreational facilities which would otherwise have an adverse physical effect on the environment. No impacts to recreational facilities are expected as a result of implementing this Project.

XVII. Transportation/Traffic

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project doesn't include alternative modes of transportation, bicycles or pedestrian facilities. The Project consists of replacing six pipelines within BCVWD purveyance system located in the Community of Cherry Valley. The Project would comply the County of Riverside Circulation Element regulations and policies. Construction and operation of the Project would result in an incremental increase in traffic on nearby roads but

would not result in an appreciable increase in traffic to the existing average daily traffic (ADT) on street segments or the level of service (LOS) at intersections. Under California law, every county with an urbanized area of 50,000 or more people must adopt a Congestion Management Program (CMP). The Riverside County CMP monitors levels of service and congestion throughout the County along the major corridors. The nearest CMP monitoring facility in the Project vicinity is State Route 79 (SR 79) and Interstate 10 (I-10) in the City of Beaumont. Exhibit 4-1A Level of Service on CMP System in Western Riverside shows that SR 79 near the I-10 operates at an acceptable LOS C with an ADT of 2,150 and it isn't deficient per Caltrans Performance Measurement System (PeMS) Speed Data²⁶. The Project's contribution of vehicles to the local CMP-monitored corridors would be minimal and would not result in a significant cumulative contribution to the flow of traffic on any major thoroughfares included in the congestion management program (CMP) system for Riverside County. The Project would not conflict with existing applicable plans, policies, or ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities. No impact to such facilities would result from the Project.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project conflict or be consistent with CEQA Guidelines §15064.3, subdivision (b)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The Project site is accessed by I-10 freeway and a local roadway network consisting of arterial, secondary, and collector streets. In general, daily construction vehicle trips would be short-term and have a relatively small impact on daily traffic generation in the area. In addition, through traffic on roadways in the construction areas would be maintained at all times during construction. The Project would result in less than significant impact to the circulation system as long as it complies with County's applicable plans, policies, and ordinance related to the circulation system. In addition, at the County's direction, construction traffic controls would be in place where deemed necessary, and at least one lane of travel would be open at all times for through traffic during construction. The Project would be serviced by a small crew of BCVWD employees during operation, as needed, and would not add appreciable vehicular traffic to the street system. Implementation of Mitigation Measure TRAF-1 would reduce construction impacts to traffic circulation to less than significant with mitigation incorporated.

Mitigation Measure

TRAF-1 Traffic Control Measures. At the County's direction, traffic controls will be put in place where deemed necessary, and at least one lane of street will be open at all times for through traffic. Traffic controls will maintain safe traffic flow on local streets affected by construction at all times, including through the use of adequate signage, protective devices, or flag persons to ensure that traffic can flow. Construction road segments will remain without any significant roadway hazards remaining at the end of the construction day.

²⁶ Riverside County Transportation Commission (2011, December 14). 2011 Riverside County Congestion Management Program.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project would be designed and engineered in compliance with the County of Riverside standards; Caltrans standards; and the requirements of the California Manual of Uniform Traffic Control Devices (CMUTCD), as applicable. For example, CMC Title 12 Street, Sidewalks and Public Places establishes compliance with street grades, construction and maintenance of sidewalks, curbs, and driveways. As a result, the Project would not increase a hazard due to a design feature or incompatible use, and no impact would result.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project result in inadequate emergency access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. The Project would be designed and engineered in compliance with the County of Riverside standards; Caltrans standards; and the requirements of the California Manual of Uniform Traffic Control Devices (CMUTCD), as applicable. At least one lane would remain open at all times for through traffic during construction as described in Mitigation Measure TRAF-1 in response a) above. A less than significant impact to emergency access is anticipated with implementation of Mitigation Measure TRAF-1, as a result of the Project.

XVIII. Tribal Cultural Resources

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No Impact. The Project does not require new development on any of the six proposed Project sites. The Project would consist of six pipeline replacements within the BCVWD purveyance system that would improve the current district water pipeline infrastructure. Five of the six sites are located under paved roads, and one of the six sites is located under a rough graded, gravel road. The Project would not cause a substantial adverse change in the significance of a tribal cultural resources, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe and that is listed or eligible for listing in the

California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k). No impacts would result.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code § 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project does not require new development on any of the six proposed Project sites. The Project would consist of six pipeline replacements within the BCVWD purveyance system that would improve the current district water pipeline infrastructure. Five of the six sites are located under paved roads, and one of the six sites is located under a rough graded, gravel road. The Project would not cause a substantial adverse change in the significance of a tribal cultural resources, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe and that is a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. No impacts would occur.

XIX. Utilities and Service Systems

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. While the Project would consist of six pipeline replacements throughout the Community of Cherry Valley, the Project isn't growth-inducing and wouldn't require relocation or construction of facilities for water, wastewater, storm water drainage, electric power, natural gas, or telecommunications. The Project would not tie-in to the existing sewage system. Impacts on utilities are anticipated to be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The Project would consist of six pipeline replacements. Construction of the Project would utilize water on any exposed dirt during demolition, grading and construction of the Project as a dust and erosion control measure. Use of water for watering during construction would be adequately met by existing entitlements through a fire hose or watering truck. No impacts related to sufficiency of water supply is anticipated.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Would the project result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. Construction of the Project might require use of an on-site portable restroom during the construction period that would be serviced by a rental company in that line of business (e.g. United Rental). If a port-a-potty is provided by the Project contractor, the service provider would handle disposal of the waste based on its existing business relationship with the local treatment facility. During operation, the Project wouldn't generate wastewater because there are no greywater generating facilities proposed or existing at the Project site. No sink basins or toilets are proposed. The Project wouldn't increase wastewater generation and treatment at a wastewater treatment provider. No impact would result.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. Solid waste disposal in the Project area is provided by Lamb Canyon Landfill at 16411 Lamb Canyon Road, Beaumont, CA 92223. The Project would generate some amount of construction and operation waste. Examples of solid waste generated during construction include grubbed vegetation, crew food scraps, and construction packaging material. The Project would generate a nominal amount of solid waste on a weekly basis during construction and operation in comparison to the landfill's capacity. The proposed Project would have a less than significant impact on landfills.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Would the project comply with federal, state, and local management statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. State law currently requires that local jurisdictions divert at least 50% of their solid waste from landfills through conservation, recycling, and composting. Like all California communities, the Cherry Valley community is required to comply with State regulations. In general, the Project would be subject to Riverside County Ordinance, such as Chapter 8.132 Solid Waste Collection and Disposal. CR&R Environmental Services provides trash pick-up in the Cherry Valley community. Impacts related to solid waste would be less than significant as a result of the Project.

XX. Wildfire

Evaluation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The proposed Project is located in a Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility²⁵. The Project vicinity is rural and characterized by shrubs and trees, and homes in a hillside area. The potential for a severe wildfire to occur is increased if dense vegetation growth and accumulations of dead plant material are present. Weather conditions and steep terrain also increase the hazardous wildfire potential; however, these conditions do not cause wildfires. Human error, arson, high-voltage lines, vehicles and lightning are the primary causes of wildfires. As identified in response g) of Section XI. Hazards and Hazardous Materials, the proposed Project would implement Mitigation Measure HAZ-2, Fire Prevention Best Management Practices, during construction to reduce the risk of a fire hazard. Mitigation Measure HAZ-2 includes compliance with applicable laws, confine welding activity, prevent fire and extinguish fires, prohibit smoking, clear key areas of flammable material, remove waste, notify 9-1-1, maintain fire prevention service access, use spark arrestors. During construction and operation, it is anticipated that fire and police services would be able to adequately service the Project in an emergency. The Project is anticipated to have a less than significant on an adopted emergency response plan or emergency evacuation plan.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project, due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant with Mitigation Incorporated. The proposed Project is located in a Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility²⁵. As identified in response g) of Section XI. Hazards and Hazardous Materials, the proposed Project would implement Mitigation Measure HAZ-2, Fire Prevention Best Management Practices, during construction to reduce the risk of a fire hazard. Mitigation Measure HAZ-2 includes compliance with applicable laws, confine welding activity, prevent fire and extinguish fires, prohibit smoking, clear key areas of flammable material, remove waste, notify 9-1-1, maintain fire prevention service access, use spark arrestors. The availability of water certainly wouldn't exacerbate wildfire risk. During construction and operation, it is anticipated that fire and police services would be able to adequately service the Project in an emergency. Implementation of Mitigation Measure HAZ-2 would reduce impacts related to wildfire risk to less than significant with mitigation incorporated.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No Impact. The proposed Project is located in a Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility.²⁵ The Project doesn't include the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that would exacerbate fire risk or that may result in temporary or ongoing impacts to the environment. The availability of water certainly wouldn't exacerbate wildfire risk. No impact is anticipated.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. The proposed Project is located in a Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility. Please refer to Section VII. Geology and Soils responses a) and c) for a discussion and of the Project site's geologic stability. Please also refer to Section X. Hydrology and Water Quality responses a) through e). The Project site would be located under the existing street with engineered and compacted fill dirt material. Existing fill should be considered suitable for re-use as compacted fills. With implementation of Mitigation Measures HAZ-1 and HAZ-2, the proposed Project wouldn't expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes. Impacts are anticipated to be less than significant with mitigation incorporated.

XXI. Mandatory Findings of Significance

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact with Mitigation Incorporated. As discussed in Section IV, Biological Resources; Section V, Cultural Resources; Section VI, Geology; Section VIII, Hazards and Hazardous Materials; Section X, Hydrology and Water Quality; Section XVI, Transportation/Traffic; and Section XX, Wildfire with implementation of Mitigation Measure BIO-1: MSHCP Protocol and Preconstruction Surveys for Burrowing Owl, BIO-2: Procedures if Burrowing Owl is found on-site; BIO-3: Western Riverside Best Management Practices, BIO-4 Nesting Bird Surveys; CULT-1: Archeological Resources; CULT-2: Human Remains; GEO-1: Prepare and Implement Stormwater Pollution Prevention Plan (SWPPP); GEO-2 Paleontological Resources; HAZ-1: Spill Prevention and Clean-up Best Management Practices; HAZ-2: Fire Prevention Best Management Practices; TRAF-1: Traffic Control Measures, impacts from the Project would be reduced to a less than significant level, and as a result, would not result in any significant Project or cumulative environmental impacts to biological or cultural resources. The short- and long-term effects associated with the Project would not be considered cumulatively considerable.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. As discussed in the preceding responses to Section I through Section XVIII, this Project would not result in any significant Project or cumulative environmental impacts. The short-term and long-term effects associated with Project would not be considered cumulatively considerable.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Less than Significant Impact. As discussed in the preceding responses to the entire list of impact questions, this Project would not result in any significant environmental impacts to persons. Sufficient construction control measures have been identified to reduce short-term construction impacts to a level of less than significant.

Compliance with the existing federal, state and local regulations, along with standard design criteria, would ensure that the proposed Project does not directly or indirectly cause a substantial adverse effect on human beings.

List of Preparers

Technical Studies	Preparers
IS/MND	Geovironment Consulting Andy Minor, M.S. Carmen Gardner, M.C.R.S. Mathew Hyland, M.S.
Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) Analysis and Habitat Assessment	Geovironment Consulting Andy Minor, M.S. Carmen Gardner, M.C.R.S.

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Appendix A
Water Improvement Plan

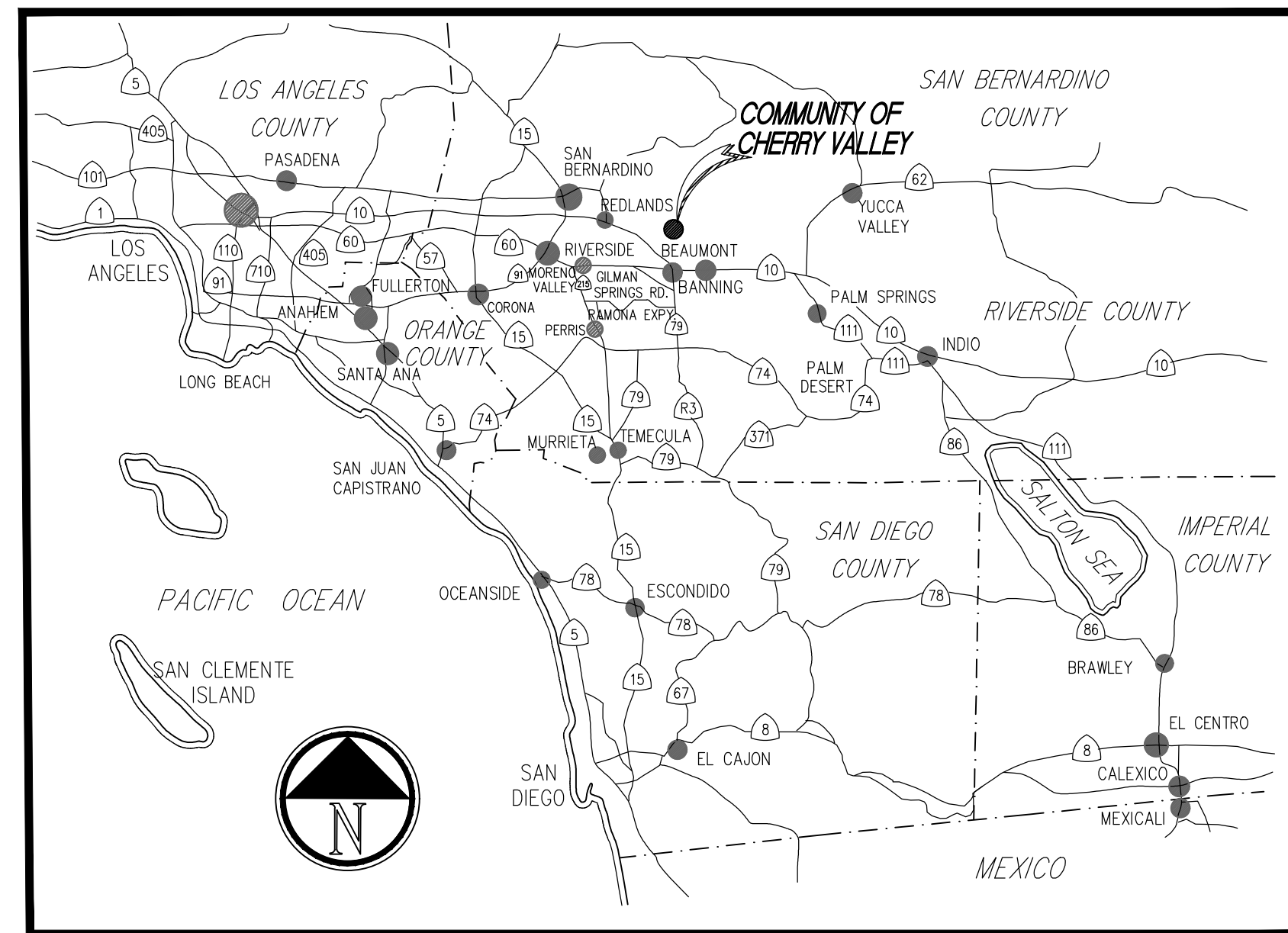
BEAUMONT - CHERRY VALLEY WATER DISTRICT

RIVERSIDE COUNTY, CALIFORNIA
PLANS FOR THE CONSTRUCTION OF
THE

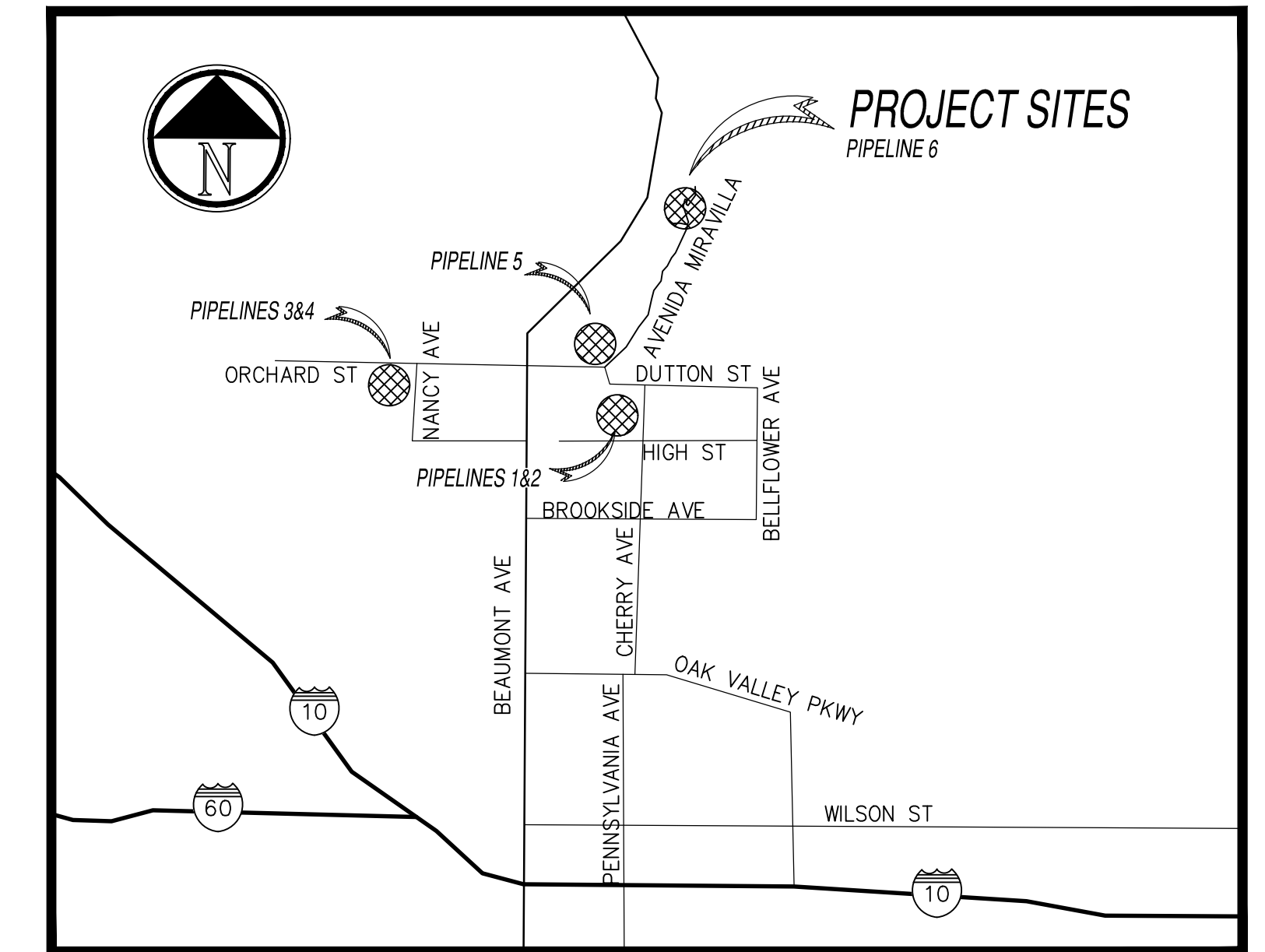
2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

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DANIEL JAGGERS, P.E.	GENERAL MANAGER



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

ENGINEER'S NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY A CONTRACTOR SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

ALL DISTANCES ARE HORIZONTAL MEASUREMENTS, CONTRACTOR TO VERIFY ALL QUANTITIES

BENCHMARK

THE BENCHMARK USED IS NATIONAL GEODETIC SURVEY (NGS) DATASHEET DESIGNATION "CHERRY", PID AH5235

DESCRIBED BY SOUTHERN CALIFORNIA EARTHQUAKE CENTER 1992 (MWC). STATION IS LOCATED ABOUT 5.3 MI EAST-SOUTHEAST OF YUCAIPA AND 5.1 MI NORTH-NORTHEAST OF BEAUMONT, JUST SOUTH OF THE RIVERSIDE-SAN BERNARDINO COUNTY LINE IN CHERRY VALLEY.

ELEVATION = 3738.870' (NAVD 88)
ALL ELEVATIONS SHOWN ON THESE DRAWINGS BASED ON NAVD88 DATUM, UNLESS OTHERWISE NOTED

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, BASED LOCALLY ON CONTINUOUS OPERATING REFERENCE STATIONS (CORS) "GISA" AND "MLFP" NAD83(2011) (EPOCH:2010.00). ALL BEARINGS AND DISTANCES SHOWN ON THIS SURVEY ARE GRID. GROUND DISTANCES MAY BE OBTAINED BY DIVIDING THE GRID DISTANCE BY THE COMBINED SCALE FACTOR OF 0.99986680. CALCULATIONS ARE MADE AT CP#1 BASE WITH COORDINATES N 2301573.205, E 6347696.704
GRID DISTANCE/0.99986680= GROUND DISTANCE

SOURCE OF TOPOGRAPHIC:

PROJECT CONTROL ESTABLISHED BY COZAD AND FOX INC. SEPTEMBER 2021
AERIAL PHOTOGRAMMETRIC SURVEY PROVIDED BY INLAND AERIAL SURVEY, INC. AUGUST 2021
FIELD SURVEY PERFORMED BY COZAD AND FOX SEPTEMBER 2021

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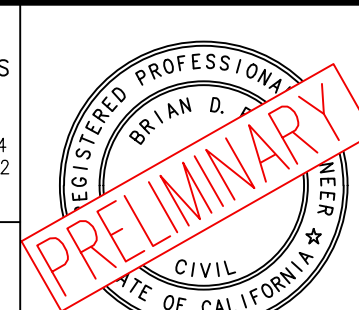
- C-1.....TITLE SHEET
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- C-15.....

REC'D	COUNTY OVERSIGHT ENGINEER	REGISTRATION	DATE SIGNED
APPROVED AS TO COMPLIANCE WITH APPLICABLE COUNTY STANDARDS AND PRACTICES.			

Z:\2103000\DWG\PLANS\C-1_TITLE SHEET.DWG PLOT DATE: 2/14/2022

Cozad & Fox, Inc.
CIVIL / STRUCTURAL ENGINEERS
MUNICIPAL CONSULTANTS / PLANNERS
SURVEYORS / GPS
151 South Girard Street • Hemet, CA 92544
TEL. (951) 652-4454 • FAX (951) 786-8942
E-MAIL bfox@kcozad.com

PREPARED UNDER THE SUPERVISION OF:
DATE: XX/XX/2022
BRIAN D. FOX
REGISTERED CIVIL ENGINEER NO. 57264



JOB NO.	2103000
DESIGNED	A.J.R.
DRAWN	D.D.S.
CHECKED	B.FOX
APPROVED	
REG. NO.	

BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN
DISTRICT ENGINEER	R.C.E. NO.
	DATE

BEAUMONT-CHERRY VALLEY WATER DISTRICT RIVERSIDE COUNTY, CALIFORNIA

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

TITLE SHEET

REFER TO SPEC NO. _____

MS4394 IP210134

SHEET NO.	C-1
OF 12_SHTS	
DATE	XX/XX/2022

CONSTRUCTION NOTES

GENERAL

1. EQUIPMENT AND MATERIALS, INCLUDING PIPING, VALVES, FITTINGS, DRAINS, PIPE SUPPORTS, ETC., ARE SHOWN ON THE DRAWINGS BY SYMBOLS. PIPE SIZE IS SHOWN AS STANDARD CALL OUT WITH SIZE AND PIPE DUTY. CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT AND MATERIALS AS SHOWN ON THE DRAWINGS BY SYMBOLS AND NOTES, INCLUDING MINOR PIPE FITTINGS, ADAPTERS, AND APPURTENANCES NECESSARY TO PROVIDE COMPLETE, OPERABLE SYSTEMS.
2. DIMENSION TO BE VERIFIED PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING EQUIPMENT DEPENDENT UPON DIMENSION. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS WITH ACTUAL FABRICATED EQUIPMENT DELIVERED TO PROJECT OR AS-BUILT CONDITIONS. CONTRACTOR SHALL ALLOW FOR ADJUSTMENTS TO CONNECTIONS TO EQUIPMENT DUE TO FABRICATION TOLERANCES, FIELD TOLERANCES AND INSTALLATION TOLERANCES.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND CROSS CHECK DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS. FLOOR AND WALL OPENINGS, SLEEVES, PENETRATIONS AND OTHER CIVIL, STRUCTURAL, MECHANICAL, OR ELECTRICAL REQUIREMENTS MUST BE COORDINATED BEFORE CONTRACTOR PROCEEDS WITH CONSTRUCTION.
4. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON DRAWINGS.
5. THE PRECISE DIMENSIONS AND LOCATIONS OF ALL OPENINGS AND PENETRATIONS SHALL BE DETERMINED FOR THE ACTUAL EQUIPMENT BEING FURNISHED. SHOP DRAWINGS WITH ADEQUATE ACCURATE DIMENSIONS MUST BE SUBMITTED AND REVIEWED PRIOR TO CONTRACTOR CONSTRUCTING FACILITIES THAT ARE AFFECTED BY SAID EQUIPMENT.
6. CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING WORK AREA CLASSIFICATIONS AND IMPLEMENTATION OF ALL PRACTICES AND PROCEDURES REQUIRED FOR "CONFINED SPACES" UNDER THE CALIFORNIA ADMINISTRATIVE CODE, TITLE 8.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROJECT SITE SECURITY. PROJECT SITE SHALL REMAIN SECURED AT ALL TIMES BY EXISTING DISTRICT FENCE, INSTALLED FENCE OR TEMPORARY 6' HIGH CHAIN LINK FENCE.
8. CONTRACTOR SHALL PROVIDE HIS OWN SANITARY AND OFFICE FACILITIES INCLUDING TELEPHONE AND TEMPORARY POWER.
9. APPROVAL OF DISTRICT IMPLIES NO PERMISSION OTHER THAN THAT WITHIN THE DISTRICT'S JURISDICTION. ALL PERMITS REQUIRED BY LAW AND NOT ALREADY OBTAINED BY THE DISTRICT SHALL BE ACQUIRED BY CONTRACTOR. REQUIREMENTS OF DISTRICT SHALL TAKE PRECEDENCE OVER REQUIREMENTS OF OTHER AGENCIES ONLY WHERE DISTRICT REQUIREMENTS ARE MORE STRINGENT.
10. CONTRACTOR SHALL NOT STORE MATERIALS OR EQUIPMENT ON PRIVATE OR PUBLIC PROPERTY. CONTRACTOR MAY STORE MATERIALS AND EQUIPMENT ON SITE, ON DISTRICT'S PROPERTY IN DESIGNATED AREAS.

UNDERGROUND FACILITIES AND EXISTING IMPROVEMENTS

1. THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES (PIPING, VALVES, CONDUCTORS, ELECTRICAL CONDUIT, ETC.) ARE SHOWN IN AN APPROXIMATE WAY ONLY AND ARE BASED ON OWNER'S EXISTING RECORDS. CONTRACTOR SHALL EXERCISE CARE DURING EXCAVATIONS TO AVOID DAMAGE TO SAID FACILITIES. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND FACILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY DAMAGES WHICH RESULT FROM HIS FAILURE TO EXACTLY LOCATE AND PROTECT ANY AND ALL FACILITIES.

AT LEAST 48 HOURS BEFORE COMMENCING ANY EXCAVATION, CONTRACTOR SHALL REQUEST UNDERGROUND SERVICE ALERT (1-800-227-2600) AND NON-MEMBER COMPANIES OR UTILITIES TO MARK OR OTHERWISE INDICATE THE LOCATION(S) OF THEIR SUBSURFACE FACILITIES INCLUDING, BUT NOT LIMITED TO, STRUCTURES, VAULTS, PIPING, VALVES, CONDUCTORS, CONDUIT, CABLES, AND SERVICE CONNECTIONS.
2. THE FIRST ITEM OF WORK (WITHIN 45 DAYS OF EXECUTION OF CONTRACT, AND AT LEAST 10 DAYS PRIOR TO CONSTRUCTION), CONTRACTOR SHALL EXCAVATE AND EXPOSE ("POTHOLE") EXISTING FACILITIES IN LOCATIONS WHERE NEW FACILITIES ARE PROPOSED TO ESTABLISH THE EXACT HORIZONTAL LOCATION, SIZE, AND ELEVATION, AND DETERMINE IF THERE WILL BE AN INTERFERENCE WITH PROPOSED FACILITIES. CHANGES OR DELAYS CAUSED BY CONTRACTOR'S FAILURE TO PERFORM "POTHOLES" AND INTERFERENCE LOCATION WORK SHALL NOT BE ELIGIBLE FOR EXTRA WORK COMPENSATION OR TIME EXTENSION.

CONTRACTOR SHALL SUBMIT "POTHOLE" DATA (EXACT ELEVATION, SIZE, AND HORIZONTAL LOCATION) TO DISTRICT FOR EVERY UTILITY EXPOSED. BASED ON SAID "POTHOLE DATA", DISTRICT MAY MODIFY BELOW GRADE PIPING ALIGNMENT AND GRADE TO AVOID EXISTING PIPING AND WILL SUBMIT MODIFICATIONS, IF ANY, TO CONTRACTOR WITHIN TWO WEEKS OF RECEIPT OF ALL "POTHOLE" DATA.
3. CONTRACTOR SHALL REPLACE IN KIND ALL EXISTING IMPROVEMENTS DAMAGED OR REMOVED BY CONSTRUCTION ACTIVITIES. LIMITS OF REMOVAL AND REPLACEMENT SHALL BE APPROVED BY THE DISTRICT PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

SITE WORK AND GRADING

1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE CALIFORNIA BUILDING CODE (LATEST EDITION), SOILS REPORT, AND CONTRACT DOCUMENTS. IN THE EVENT OF CONFLICT BETWEEN THESE DOCUMENTS, THE MOST STRINGENT REQUIREMENTS SHALL PREVAIL.
2. RELATIVE COMPACTION OF 95% SHALL MEAN SOIL COMPACTED TO A DRY DENSITY EXCEEDING 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D 1557, LATEST EDITION.
3. ALL DEBRIS, BRUSH, AND RUBBISH SHALL BE REMOVED AND DISPOSED OF TO LEAVE THE AREA WHICH HAS BEEN DISTURBED WITH A NEAT AND FINISHED APPEARANCE FREE FROM ALL DEBRIS. WHERE REMOVAL OF SUBSURFACE OBSTRUCTIONS IS NECESSARY, CAVITIES CREATED BY THE REMOVAL SHALL BE CLEARED OF ALL LOOSE DEBRIS AND SOIL AND SHAPED TO PROVIDE ACCESS FOR BACKFILLING AND COMPACTION EQUIPMENT. SAID MATERIALS SHALL BE LEGALLY DISPOSED OF IN AN APPROVED OFFSITE LOCATION (CITY OR COUNTY LANDFILL).
4. ALL AREAS TO BE GRADED SHALL BE STRIPPED OF VEGETATION AND DELETERIOUS MATERIAL. VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.

SITE WORK AND GRADING (CONTINUED)

5. EXCAVATED NATIVE SOILS MAY BE UTILIZED FOR SELECT FILL MATERIAL, PROVIDED THESE MATERIAL ARE FREE OF VEGETATIVE MATTER AND OTHER DELETERIOUS SUBSTANCES, AND SHALL NOT CONTAIN ROCKS OR IRREDUCIBLE MATERIALS GREATER THAN 8" IN MAXIMUM DIMENSION.

ROCK MAY BE STOCKPILED ALONG, AND AS PART OF, THE 4' EARTHEN BERM OR USED AS RIP-RAP PROVIDED IT MEETS DETAIL REQUIREMENTS.
6. IF REQUIRED, CONTRACTOR SHALL IMPORT SUFFICIENT QUANTITIES OF SELECT FILL MATERIAL TO ACHIEVE THE SPECIFIED FINISHED GRADES AND MINIMUM RELATIVE COMPACTION. IMPORT SELECT FILL MATERIAL SHALL BE INORGANIC, GRANULAR, NON-EXPANSIVE SOIL, FREE OF ROCKS OR LUMPS GREATER THAN 6" IN MAXIMUM DIMENSION. IMPORT SELECT FILL MATERIAL SHALL MEET THE USCS CLASSIFICATIONS OF SM, SP-SM, OR SW-SM WITH 5% TO 35% PASSING THE No.200 SIEVE.
7. CONTRACTOR SHALL PREPARE SOIL BASED ON GEOTECHNICAL RECOMMENDATION AS IDENTIFIED IN REPORT DATED JULY 27, 2018. PREPARED BY CONVERSE CONSULTANTS ACCORDING TO THE INTENDED USE.
8. SELECT FILL MATERIAL SHALL BE PLACED IN LIFTS NO GREATER THAN 8" IN UNCOMPACTED THICKNESS AND COMPACTED TO THE SPECIFIED MINIMUM RELATIVE COMPACTION PER GEOTECHNICAL SOILS REPORT SEC. 9.4. PREPARED BY CONVERSE CONSULTANTS
9. DISTRICT SHALL APPROVE PREPARATION OF ALL NATURAL GROUND SURFACE PRIOR TO PLACEMENT OF FILL ON THAT SURFACE.
10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING EROSION AND DUST, CONTROL MEASURES PER CONTRACTOR'S SWPPP, AND AS NECESSARY TO COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
11. CRUSHED MISCELLANEOUS BASE (CMB) SHALL BE PER SPPWC SECTION 200-2.4, FINE GRADATION.
12. 3/4" GRADED CRUSHED ROCK OR 3/4" CRUSHED ROCK SHALL MEET SPPWC SECTION 200-1.2 FOR 3/4" GRADATION AND SHALL BE PLACED AND COMPACTED WITH A SMOOTH DRUM ROLLER.

PERMANENT ASPHALT CONCRETE PAVEMENT

PERMANENT ASPHALT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH COUNTY OF RIVERSIDE, DEPT. OF TRANSPORTATION STANDARDS, AND PROJECT ENCROACHMENT PERMIT REQUIRES REVIEW PER DISTRICT @ NEXT PLAN CHECK FOR ALL WORK COMPLETED WITHIN CHERRY AVENUE AND INTERNATIONAL PARK ROAD. ALL SITE WORK A.C. PAVEMENT SHALL BE CONSTRUCTIBLE PER SPECIFICATION SECTION 02700, EXCEPT AS MODIFIED HEREAFTEER.

A. PREPARATION
UPPER 12" OF SUBGRADE BENEATH CRUSHED BASE SHALL BE SCARIFIED AND COMPACTED TO 95% RELATIVE COMPACTION MINIMUM.

B. THICKNESS
UNLESS NOTED OTHERWISE, PERMANENT ASPHALT CONCRETE PAVEMENT SHALL BE HOT PLACED TO A MINIMUM OF 4" TOTAL THICKNESS PLACED OVER 8" OF CRUSHED MISCELLANEOUS BASE (PER SPPWC SECTION 200-2.4, FINE GRADATION). ASPHALT CONCRETE PAVEMENT AND CRUSHED MISCELLANEOUS BASE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION MINIMUM.

C. ASPHALT CONCRETE PAVEMENT SPECIFICATIONS
PERMANENT PAVEMENT SHALL BE PLACED IN ACCORDANCE WITH COUNTY OF RIVERSIDE AND PLACED IN TWO LIFTS. THE FIRST LIFT SHALL BE 2.8" AND MAY BE PLACED WITH A BLADE AND ROLLER. THE SECOND LIFT SHALL BE 1.2" AND SHALL BE PLACED WITH A SELF-PROPELLED MECHANICAL SPREADING AND PAVING MACHINE.

THE SECOND LIFT SHALL OVERLAP TRENCH EDGES 1' MINIMUM, AND EDGES SHALL BE FEATHERED TO MEET EXISTING PAVEMENT. AFTER PLACEMENT, PAVEMENT SHALL NOT VARY MORE THAN 0.01' FROM A STRAIGHT EDGE PLACED ACROSS ANY TRENCH.

PAVEMENT MATERIALS SHALL COMPLY WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 203-6. UNLESS NOTED OTHERWISE, THE FIRST LIFT SHALL BE B-PG64-10 AND THE SECOND LIFT SHALL BE C2-PG64-10.

WHERE SHOWN ON THE DRAWINGS, THE EXISTING PAVEMENT SHALL BE GROUND DOWN 0.10' AND SHALL BE CAPPED WITH A C2-PG64-10 AC MIX. THE CAP SHALL BE INSTALLED WITH THE SECOND LIFT OF ACCESS ROAD PAVING.

D. REMOVAL OF EXISTING AC PAVEMENT
ALL PAVING REMOVED FOR ROAD REPLACEMENT AND/OR PIPELINE TRENCHING SHALL BE HAULED FROM SITE AND DISPOSED OF AT A LEGAL DISPOSAL SITE THE CONTRACTOR SHALL PROVIDE THE DISTRICT WITH A DISPOSABLE RECEIPT FOR DISPOSED MATERIAL.

WHERE EXISTING ASPHALT CONCRETE PAVEMENT IS TO BE REMOVED FOR INSTALLATION OF BELOW GRADE PIPING, CONTRACTOR SHALL SAW CUT EXISTING ASPHALT PAVEMENT EDGES (1' ADDITIONAL EACH SIDE OF TRENCH) TO STRAIGHT, NEAT, VERTICAL EDGES, EITHER PERPENDICULAR TO OR PARALLEL WITH THE TRENCH. CONTRACTOR SHALL EXCAVATE UNDERLYING SUBGRADE TO PROPER GRADE AND COMPACT IT TO 95% RELATIVE COMPACTION MINIMUM.

PERMANENT ASPHALT CONCRETE PAVEMENT (CONTINUED)

- E. INSTALLATION
FINISHED GRADE SHALL MATCH EXISTING GRADES WHERE NEW PAVING ABUTS EXISTING PAVING. UNLESS NOTED OTHERWISE, ALL EXPOSED PAVING EDGES SHALL BE PLACED AGAINST 2"x4" REDWOOD HEADERS.
- F. PAVEMENT STRIPING
ALL PAVEMENT STRIPING OR MARKINGS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED FOLLOWING PLACEMENT OF PERMANENT ASPHALT CONCRETE PAVEMENT OR PLACEMENT OF SLURRY SEAL OVER EXISTING ASPHALT CONCRETE PAVEMENT.

PIPING / VALVES

1. PIPE MATERIALS AND TEST PRESSURES SHALL BE AS SPECIFIED IN PROJECT SPECS. ALL PIPING SHALL BE CONSTRUCTED WITH RESTRAINED JOINTS. RESTRAINED JOINTS SHALL BE FLANGED, VICTAULIC (GROOVED TYPE), WELDED, THREADED, OR EQUAL. FLANGED AND VICTAULIC JOINTS SHALL BE PROVIDED WHERE SHOWN.
2. PIPELINE ELEVATIONS SHOWN ARE FOR CENTERLINE OF PIPE UNLESS OTHERWISE NOTED. PIPELINES SHALL BE STRAIGHT GRADE BETWEEN ELEVATIONS SHOWN. CONTRACTOR SHALL PROVIDE ALL SHORTS, SPOOLS, AND FITTINGS NECESSARY TO MEET ELEVATIONS SPECIFIED.
3. VALVES SHALL COMPLY WITH REQUIREMENTS OF THE SPECIFICATIONS, AS LISTED IN EQUIPMENT AND MATERIALS DESCRIPTIONS, AS SHOWN BY SYMBOL ON THE DRAWINGS, AND AS SPECIFIED HEREON. UNLESS NOTED OTHERWISE, VALVES 4" AND LARGER SHALL BE FLANGED AND FURNISHED WITH GEAR OPERATORS. ALL VALVES ABOVE GRADE SHALL BE FURNISHED WITH HAND WHEEL OPERATORS (8" MINIMUM DIAMETER). BURIED VALVES SHALL BE FURNISHED WITH VALVE BOXES AND STEM EXTENSIONS PER DISTRICT STANDARD DRAWINGS. ALL BURIED VALVES SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT STANDARD PLATE 2.
4. UNLESS OTHERWISE SPECIFIED, FLANGED BUTTERFLY VALVES SHALL BE PROVIDED WITH DUCTILE IRON BODIES AND DUCTILE IRON DISCS.
5. ALL PIPE ZONE BEDDING AND TRENCH BACKFILL SHALL BE IMPORTED WITH A MINIMUM S.E. EQUAL TO 30 AND SHALL BE APPROVED BY THE DISTRICT AND PER DISTRICT STANDARD DRAWING PLATE 6-1. BEDDING MATERIALS SHALL BE VIBRATED IN-PLACE TO ACHIEVE COMPACTION.
BACKFILL ABOVE THE PIPE ZONE SHALL BE EITHER COMMERCIAL IMPORTED MATERIAL OR SELECT NATIVE MATERIAL (SCREENED OR WASHED).
6. PIPE SHALL BE INSTALLED IN TRENCH CONDITION AND AS SPECIFIED IN SPECIFICATION SECTION 15020. BACKFILL SHALL BE COMPLETED INCLUDING COMPACTION TESTS PRIOR TO PRESSURE TESTING. BACKFILL IN PIPE ZONE SHALL BE COMPACTED BY HAND TAMPING TO MINIMUM 90% COMPACTION. WHERE PIPE IS LOCATED UNDER CONCRETE SLABS, ALL TRENCH BACKFILL SHALL BE MINIMUM 95% COMPACTION.
7. PIPING WHERE STUBBED THROUGH SLABS/FOUNDATIONS SHALL BE DOUBLE WRAPPED WITH 33 MIL PVC TAPE.
8. CONTRACTOR SHALL BACKFILL WITH TWO SACK CEMENT/SAND SLURRY, OR CONTROLLED DENSITY FILL (CDF) IN ACCORDANCE WITH SPECIFICATION SECTION 02252, ALL PIPELINE CROSSINGS WITH EXISTING MAINLINE UTILITIES AND AT LOCATIONS SHOWN ON THE CONSTRUCTION DRAWINGS. THE TWO SACK CEMENT/SAND SLURRY SHALL EXTEND FIVE FEET ON EACH SIDE OF THE EXISTING FACILITY AND EXTEND FROM THE BOTTOM OF THE PROPOSED PIPELINE TO THE SPRINGLINE OF THE EXISTING FACILITY TO BE SUPPORTED.
9. UNLESS OTHERWISE SHOWN, MINIMUM COVER ON BELOW GRADE PIPE SHALL BE 48".
10. UNLESS NOTED OTHERWISE, TRENCH BACKFILL SHALL BE COMPACTED TO 90% RELATIVE COMPACTION (MINIMUM).
11. ALL BELOW GRADE PIPE UNDER CONCRETE SLABS AND LESS THAN 48" BELOW THE TOP OF SLAB SHALL BE BACKFILLED WITH 2 SACK CEMENT/SAND SLURRY.
12. ALL BELOW GRADE PIPE UNDER CONCRETE FOUNDATIONS SHALL BE BACKFILLED WITH 2 SACK CEMENT/SAND SLURRY TO THE BOTTOM OF THE FOUNDATION AND 2' BEYOND THE FOUNDATION LIMITS.
13. UNLESS SPECIFIED OTHERWISE, PRESSURE RATING FOR ALL VALVES SHALL BE AS SPECIFIED SPECIFICATION SECTION 15020.
14. ALL PIPING AND APPURTENANCES CONTAINING WATER (2" AND SMALLER) SHALL BE INSULATED PER SPECIFICATION SECTION 15020 AND ALL VALVES (2" AND SMALLER) SHALL BE INSULATED PER SPECIFICATION SECTION 15020.
15. ALL NON-POTABLE DIP SHALL BE ENCASED IN PURPLE POLYETHYLENE BAGS. ALL POTABLE DIP SHALL BE ENCASED IN BLACK POLYETHYLENE BAGS. (CLEAR POLYETHYLENE BAGS MAY BE SUBSTITUTED IF BLACK IS UNAVAILABLE)
16. ALL PIPE SHALL BE RESTRAINED. WHERE MECHANICAL JOINTS ENDS ARE CALLED OUT (M.J.), THE JOINT SHALL INCLUDE AN EBAA IRON SERIES 1100, "MEGA-LUG" TYPE JOINT RESTRAINT SYSTEM.

CONCRETE CONSTRUCTION

1. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTIONS 03100, 03200, 03300, AND NOTES HEREIN. UNLESS NOTED OTHERWISE, ALL CONCRETE FOUNDATIONS (INCLUDING, BUT NOT LIMITED TO, TANK FOUNDATIONS, BELOW GRADE MANHOLE AND VAULT BASES, AND SLABS ON GRADE) SHALL BE PLACED ON SOIL SCARIFIED TO A MINIMUM DEPTH OF 12" AND THEN COMPACTED TO 95% RELATIVE COMPACTION. ALL CONCRETE SHALL BE CLASS "A" STRUCTURAL CONCRETE UNLESS INDICATED OTHERWISE ON DRAWINGS. FOR ALL CONCRETE, USE TYPE II PORTLAND CEMENT.
2. CONCRETE FINISHING
 - A. GRADE SLABS AND FLOOR SLABS SHALL RECEIVE A MONOLITHIC TROWEL FINISH FOLLOWED BY A LIGHT BROOM FINISH AS APPROVED BY DISTRICT.
 - B. ALL EXPOSED EXTERIOR FORMED CONCRETE SHALL RECEIVE A "SACKED" FINISH PER CAST-IN-PLACE CONCRETE SPECIFICATIONS, 03100, 03200, AND 03300.
3. THE LOCATION OF ALL CONSTRUCTION JOINTS NOT SPECIFICALLY NOTED OR SHOWN SHALL BE APPROVED BY THE DISTRICT.
4. ALL NON-SHRINK GROUT SHALL BE NON-METALLIC.

STRUCTURAL AND MISCELLANEOUS STEEL

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 05100, AND 13200.
2. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND ERECTION.
3. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION AND/OR AWWA D100. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATION (UNLESS NOTED OTHERWISE):

WIDE FLANGE (W AND WT) SECTIONS:	ASTM A992 Fy=36 KSI
CHANNELS AND MISC. SHAPES (C, MC, S, M, HP):	ASTM A36 Fy=36 KSI
ANGLES AND PLATES:	ASTM A36 Fy=36 KSI
PIPE COLUMNS (STANDARD, X-STRG, XX-STRG):	ASTM A53 TYPE E, GR B Fy=36 KSI
PIPE TUBES:	ASTM A500, GR B Fy=46 KSI
4. ALL WELDING SHALL COMPLY WITH AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL BE EXECUTED BY ELECTRIC ARC PROCESS WITH ELECTRODES HAVING A MINIMUM TENSILE STRENGTH OF 70KSI. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS SHALL BE PERFORMED USING "INNERSHIELD" AND "ML-2" SEMI-AUTOMATIC EQUIPMENT. ALL WELDERS SHALL BE AWS CERTIFIED FOR THE TYPE OF WELDING PERFORMED.
5. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN THE AISC MANUAL OF STEEL CONSTRUCTION, LATEST EDITION, SPECIFICATION J2.2.B.
6. NUTS ON BOLTS OF SLOTTED CONNECTIONS SHALL BE INSTALLED FINGER-TIGHT ONLY, WITH THREADS SPOILED, UNLESS NOTED OTHERWISE.
7. STRUCTURAL STEEL EMBEDDED IN CONCRETE OR MASONRY SHALL BE UNPAINTED.
8. UNLESS NOTED OTHERWISE, ALL MACHINE BOLTS, ANCHOR BOLTS, DEFERRED BOLTING DEVICES, AND FASTENERS SHALL BE 316 STAINLESS STEEL. UNLESS NOTED OTHERWISE, ALL ANCHOR BOLTS FOR ROTATING OR VIBRATING EQUIPMENT SHALL BE CAST-IN-PLACE OR DRILLED AND EPOXYED. EPOXY ANCHORS SHALL BE HILTI HIT C-100 SYSTEM, RED HEAD EPOXY SYSTEM, OR EQUAL. PRIOR TO INJECTING EPOXY, EACH DRILLED HOLE SHALL BE CLEANED OUT WITH A NYLON BRUSH. CONTRACTOR SHALL INSTALL DOWELS AND ANCHOR BOLTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

WATER NOTES:

1. ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE DISTRICT STANDARDS FOR THE FURNISHING OF MATERIALS AND THE CONSTRUCTION OF WATER AND RECYCLED WATER FACILITIES AND PREPARATION OF WATER SYSTEM PLANS; LATEST REVISION, AND THE ADOPTED ADDENDUMS THERETO.
2. WORK SHALL BE PERFORMED BY A CONTRACTOR LICENSED IN THE STATE OF CALIFORNIA, EXPERIENCED IN WATER UTILITY CONSTRUCTION.
3. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA AT 811 / 800-227-2600 FOR LOCATION OF ALL UNDERGROUND UTILITIES. TWO WORKING DAYS PRIOR TO COMMENCING WORK.
4. CONTRACTOR SHALL NOTIFY THE DISTRICT AT (951) 845-9581 TWO WORKING DAYS PRIOR TO COMMENCING WORK ON THE WATER UTILITY INSTALLATION. CONTRACTOR SHALL NOTIFY DISTRICT BY PRECEDING WEDNESDAY AT 4:00 P.M. PRIOR TO WORKING DURING THE WEEKEND. CANCELLATIONS SHALL BE NOTIFIED TO THE DISTRICT BY PRECEDING FRIDAY AT 3:00 P.M.
5. NO EXISTING DISTRIBUTION SYSTEM VALVE SHALL BE OPERATED BY THE CONTRACTOR. DISTRICT PERSONNEL WILL OPERATE ALL NECESSARY VALVES.
6. CONTRACTOR TO INSTALL MINIMUM 1" COPPER, TYPE K, SERVICE LATERALS IN ACCORDANCE WITH DISTRICT SPECIFICATIONS SHOWN ON DISTRICT STANDARD PLATE 6-2, PLATE 6-3, AND PLATE 12.
7. CONTRACTOR SHALL COORDINATE ALL RECONNECTS WITH DISTRICT PERSONNEL PRIOR TO ANY CONNECTIONS OR RETIREMENTS OF ANY DISTRICT FACILITIES.
8. CONTRACTOR SHALL BEAR ALL COSTS FOR THE CORRECTION OR REMOVAL AND REPLACEMENT OF DEFECTIVE WORK, AND ALL ADDITIONAL DIRECT AND INDIRECT COSTS THE CITY, COUNTY, OR DISTRICT MAY INCUR ON ACCOUNT OF DEFECTIVE WORK, INCLUDING THE COSTS OF ADDITIONAL ADMINISTRATIVE, PROFESSIONAL CONSULTANT, INSPECTION, TESTING, AND OTHER SERVICES.

Z:\2103000.DWG\PLANS\C-2_ GENERAL NOTES.DWG PLOT DATE: 2/14/2022

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CIVIL / STRUCTURAL ENGINEERS
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SURVEYORS / GPS

151 South Grand Street • Hemet, Ca 92344
TEL. (951) 652-4454 • FAX (951) 766-8942
E-MAIL bfox@cozad.com

REGISTERED PROFESSIONAL ENGINEER
BRIAN D. FOX
CIVIL ENGINEER
STATE OF CALIFORNIA

JOB NO. 2103000
DESIGNED A.J.R.
DRAWN D.D.S.
CHECKED B.FOX
APPROVED _____
REG. NO. _____

PREPARED UNDER THE SUPERVISION OF:
DATE: XX/XX/2022 BRIAN D. FOX
REGISTERED CIVIL ENGINEER NO. 57264

REV	DATE	DESCRIPTION	BY

BENCHMARK

SEE SHEET 1	
SCALE	
AS SHOWN	

DISTRICT ENGINEER

R.C.E. NO.

DATE

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

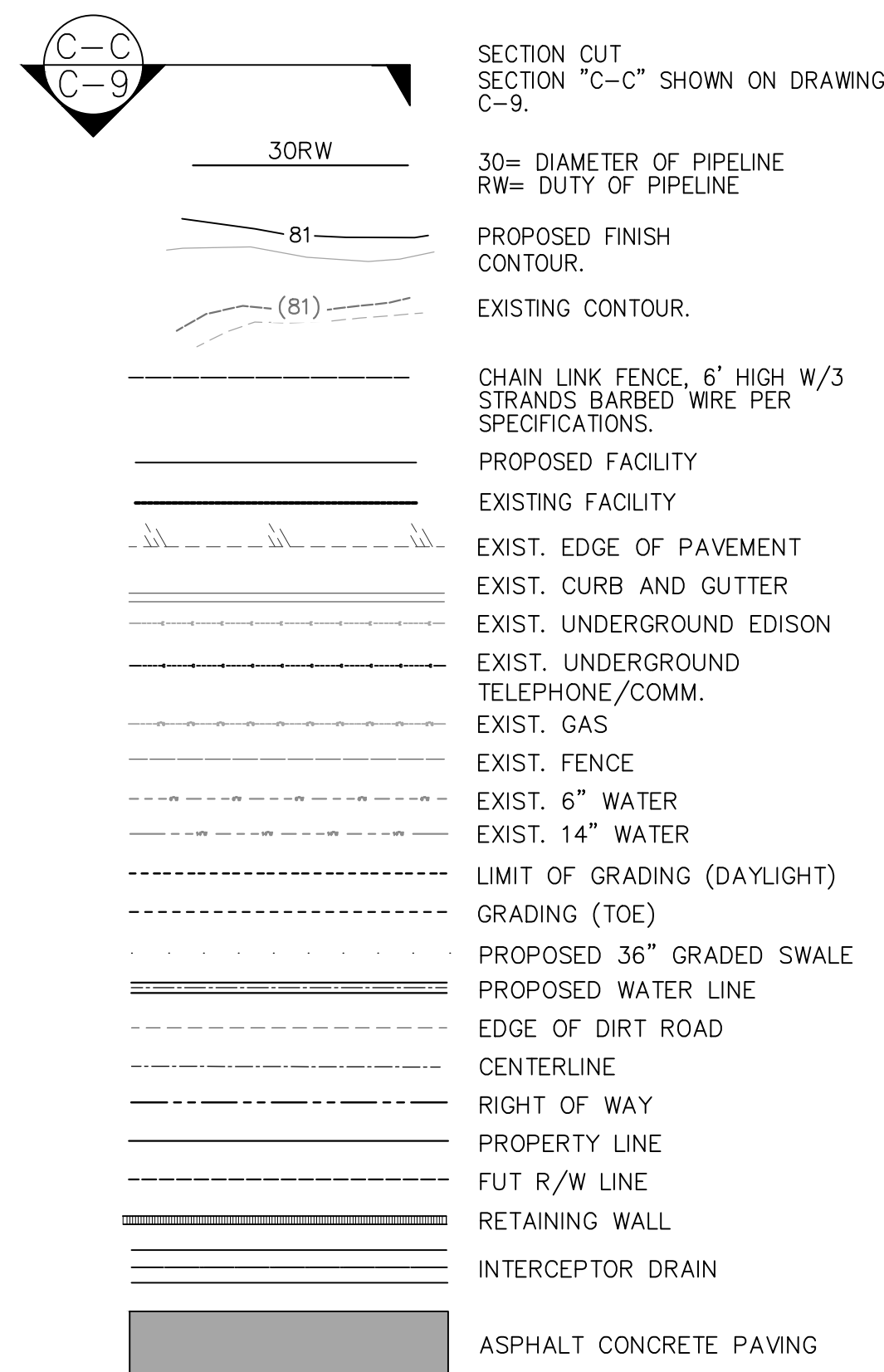
C-2

CONSTRUCTION NOTES

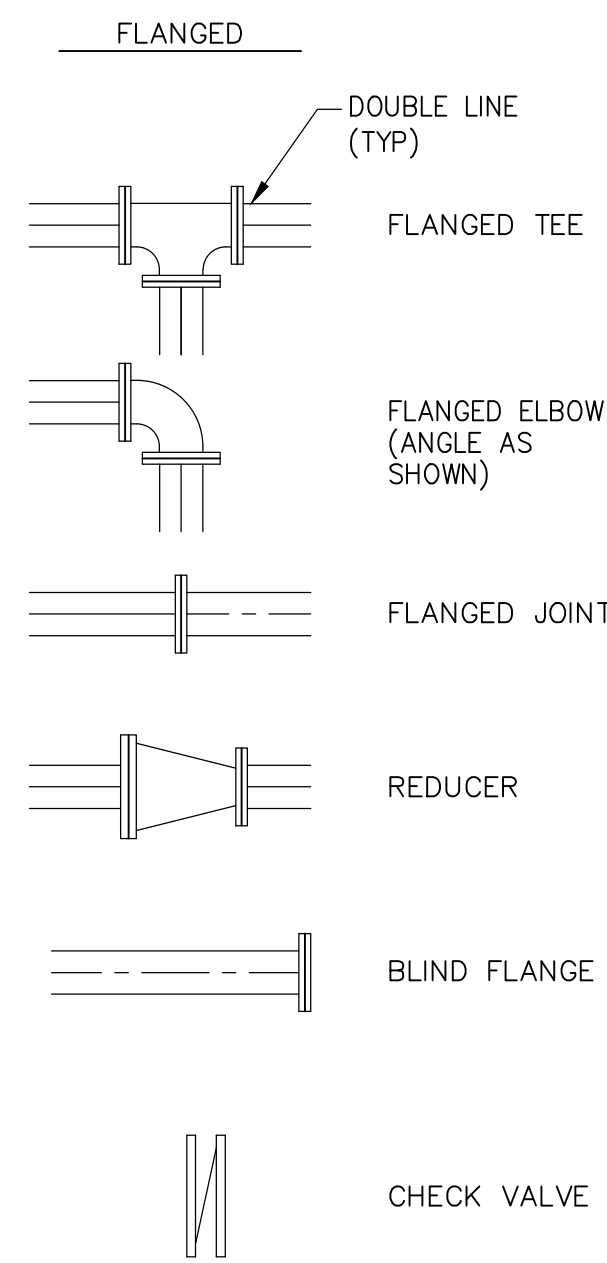
OF 12 SHTS
XX/XX/2022
DATE

SHEET NO.

SYMBOLS AND LEGEND



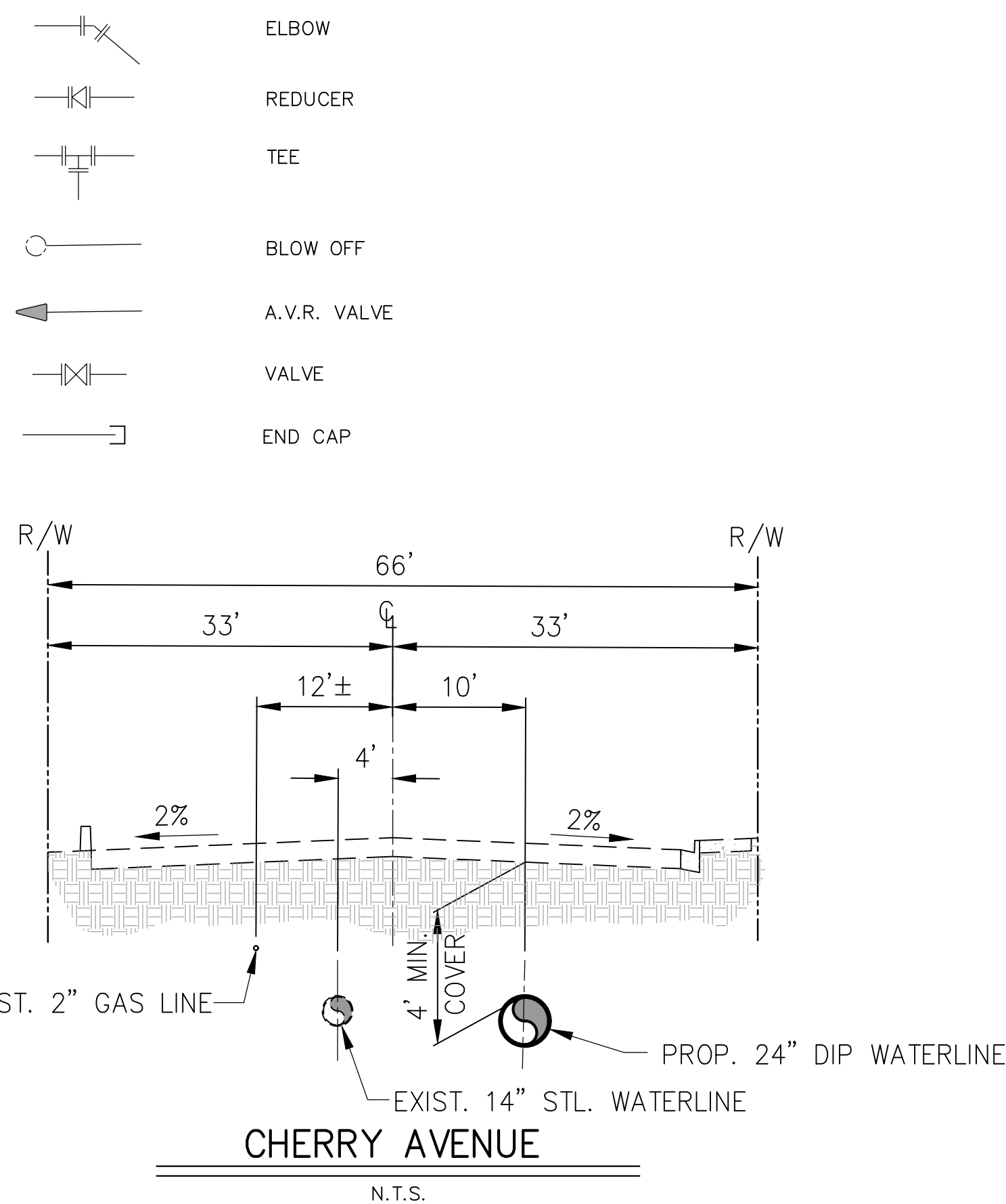
SITE PIPING SYMBOLS



ABBREVIATIONS AND NOTATIONS

A/C	AIR CONDITIONER	G	GAS	PSI	POUNDS PER SQUARE INCH
A.C., AC	ASPHALT CONCRETE	GA.	GAUGE	R	RADIUS
AV	AIR VALVE	GB	GRADE BREAK	RC, R.C.	RELATIVE COMPACTION
BFV	BUTTERFLY VALVE	HDPE	HIGH DENSITY POLYETHYLENE	RDG	RIDGE
BOT	BOTTOM	HP	HIGH POINT	REQ.	REQUIRED, REQUIREMENTS
BC	BEGINNING CURVE	HWL	HIGH WATER LEVEL	R/W	RIGHT OF WAY
CG	CENTER GRADE	ID, I.D.	INSIDE DIAMETER	SCH, SCHED	SCHEDULE
CL, CL	CENTERLINE	INV.	INVERT ELEVATION	SPEC	BOUND SPECIFICATIONS
CL EL	CENTERLINE ELEVATION	KSI	KILOPOUNDS PER SQUARE INCH	SQ.	SQUARE
CLR.	CLEAR, CLEARANCE	LF	LINEAR FEET	SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION)
CMB	CRUSHED MISCELLANEOUS BASE	LLWL	LOW LOW WATER LEVEL	STA.	STATION
CMU	CONCRETE MASONRY UNIT	LWL	LOW WATER LEVEL	ST. STL, S.S.	STAINLESS STEEL
CONC.	CONCRETE	MAX.	MAXIMUM	STD DWG	STANDARD DRAWING- REFER TO BOUND SPECIFICATION
CONT.	CONTINUOUS	MGD	MILLION GALLONS PER DAY	T&B	TOP AND BOTTOM
DIA.	DIAMETER	MH	MANHOLE	TB	TOP OF BERM ELEVATION
DWG.	DRAWING	MIN.	MINIMUM	TC	TOP OF CURB ELEVATION
E.#	EAST COORDINATE	MISC.	MISCELLANEOUS	TEL.	TELEPHONE
EC	END CURVE	N.#	NORTH COORDINATE	TF	TOP OF FOOTING ELEVATION
EG	EXISTING GRADE ELEVATION	N/A	NOT APPLICABLE, NOT AVAILABLE	TG	TOP OF GRATE ELEVATION, TOP OF GRATING
EL	ELEVATION			THK.	THICK, THICKNESS
EP	EDGE OF PAVING	N.I.C.	NOT IN CONTRACT	T.O.P.	TOP OF PIPE ELEVATION
EQ.	EQUAL, EQUALLY	No.	NUMBER	TW	TOP OF WALL ELEVATION
E.W.	EACH WAY	N.T.S.	NOT TO SCALE	TYP, TYP.	TYPICAL
EXIST, (E)	EXISTING	O.C.	ON CENTER	USCS	UNIFIED SOIL CLASSIFICATION SYSTEM
FF, FIN, FLR	FINISH FLOOR ELEVATION	OD, O.D.	OUTSIDE DIAMETER	UNO, U.N.O.	UNLESS NOTED OTHERWISE
FG	FINISH GRADE ELEVATION	OH	OPPOSITE HAND	W	WATER
FL, FL	FLOW LINE ELEVATION	OHE	OVERHEAD ELECTRICAL	W/	WITH
FLG'D	FLANGE, FLANGED	PP	POWER POLE	WT.	WEIGHT
FS	FINISH SURFACE ELEVATION				
FTG	FOOTING				
FUT.	FUTURE CONSTRUCTION				
Fy	YIELD STRENGTH OF STEEL				

TRANSMISSION MAIN SYMBOLS



ABBREVIATIONS FOR PIPE MATERIALS

ABS	ACRYLONITRILE BUTADIENE STYRENE	ECTFE	ETHYLENE-CHLOROTRIFLUOROETHYLENE
AGS	ADVANCED GROOVE SYSTEM	FRP	FIBERGLASS REINFORCED PLASTIC
BSP	BLACK STEEL PIPE	GIP	GALVANIZED IRON PIPE (STD.WT.)
BFV	BUTTERFLY VALVE	HDG	HOT DIPPED GALVANIZED (SCH.40 STEEL UNO)
CCP	CONCRETE CYLINDER PIPE	HDPE	HIGH DENSITY POLYETHYLENE
CIP	CAST IRON PIPE	PTFE	POLYTETRAFLUOROETHYLENE
CISP	CAST IRON SOIL PIPE	PVC	POLYVINYL CHLORIDE
CMC	CEMENT MORTAR COATED	PVDF	POLYVINYLIDENE FLUORIDE
CML	CEMENT MORTAR LINED	RCP	REINFORCED CONCRETE PIPE
CMLC, CML&C	WELDED STEEL PIPE CEMENT MORTAR LINED AND COATED	RSGV	RESILIENT SEAT GATE VALVE
CML&TC	WELDED STEEL PIPE CEMENT MORTAR LINED, TAPE WRAPPED, AND CEMENT MORTAR COATED	SCS	SEAMLESS CARBON STEEL
CMP	CORRUGATED METAL PIPE	SS, ST. STL.	STAINLESS STEEL (SCH.40 UNO)
CPVC	CHLORINATED POLYVINYL CHLORIDE	STD.WT.	STANDARD WEIGHT
CT	CYLINDER THICKNESS	STL	STEEL
DI	DUCTILE IRON	VCP	VITRIFIED CLAY PIPE (EXTRA-STRENGTH)
DIP	DUCTILE IRON PIPE	WSP	WELDED STEEL PIPE
		1/4"CT	WSP WITH 1/4" STEEL CYLINDER THICKNESS

Z:\2103000.DWG\PLANS\C-3_ LEGENDS_ SYMBOLS AND ABB.DWG PLOT DATE:2/14/2022

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DRAWN	D.D.S.
CHECKED	B.FOX
APPROVED	
REG. NO.	

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BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN

BEAUMONT-CHERRY VALLEY WATER DISTRICT RIVERSIDE COUNTY, CALIFORNIA

DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

LEGENDS, SYMBOLS, AND ABBREVIATIONS

SHEET NO.
C-3
 OF 12 SHTS
 XX/XX/2022
 DATE

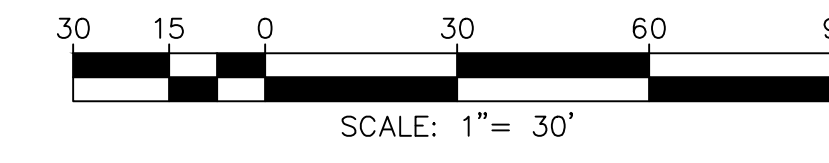
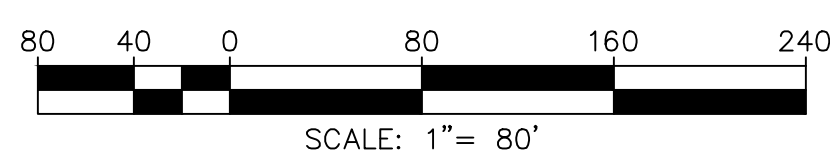
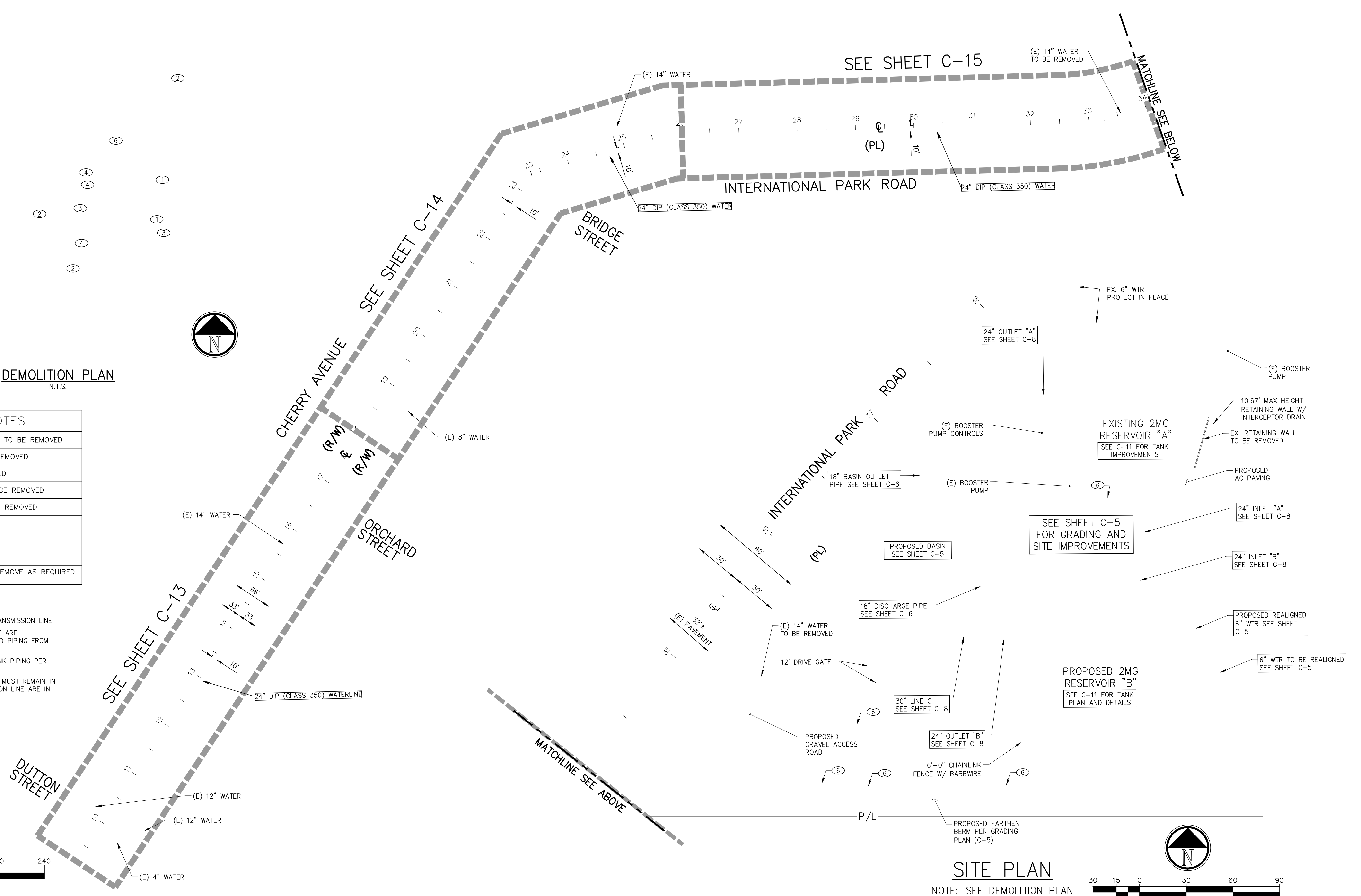
DEMOLITION PLAN
N.T.S.

DEMOLITION NOTES	
①	EXISTING TANK RING & FOUNDATION TO BE REMOVED
②	EXISTING CHAINLINK FENCE TO BE REMOVED
③	EXISTING STRUCTURE TO BE REMOVED
④	EXISTING MISC. APPURTENANCE TO BE REMOVED
⑤	EXISTING MISC. RV FACILITIES TO BE REMOVED
⑥	EXISTING TREE TO BE REMOVED
⑦	EXISTING TREE PROTECT IN PLACE
⑧	EXISTING WALL TO BE REMOVED
⑨	EXISTING 14" STEEL WATERLINE -- REMOVE AS REQUIRED SEE **NOTE BELOW

SEQUENCE OF WORK

1. CONSTRUCT NEW 2MG RESERVOIR AND TRANSMISSION LINE.
2. AFTER NEW TANK AND TRANSMISSION LINE ARE OPERATIONAL, REMOVE EXISTING TANK AND PIPING FROM SERVICE.
3. REMOVE AND RE-CONFIGURE EXISTING TANK PIPING PER APPROVED PLAN.

**NOTE: 14" STEEL WATERLINE TO BE REMOVED MUST REMAIN IN OPERATION UNTIL NEW TANK AND TRANSMISSION LINE ARE IN SERVICE.



NOTE:
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BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN
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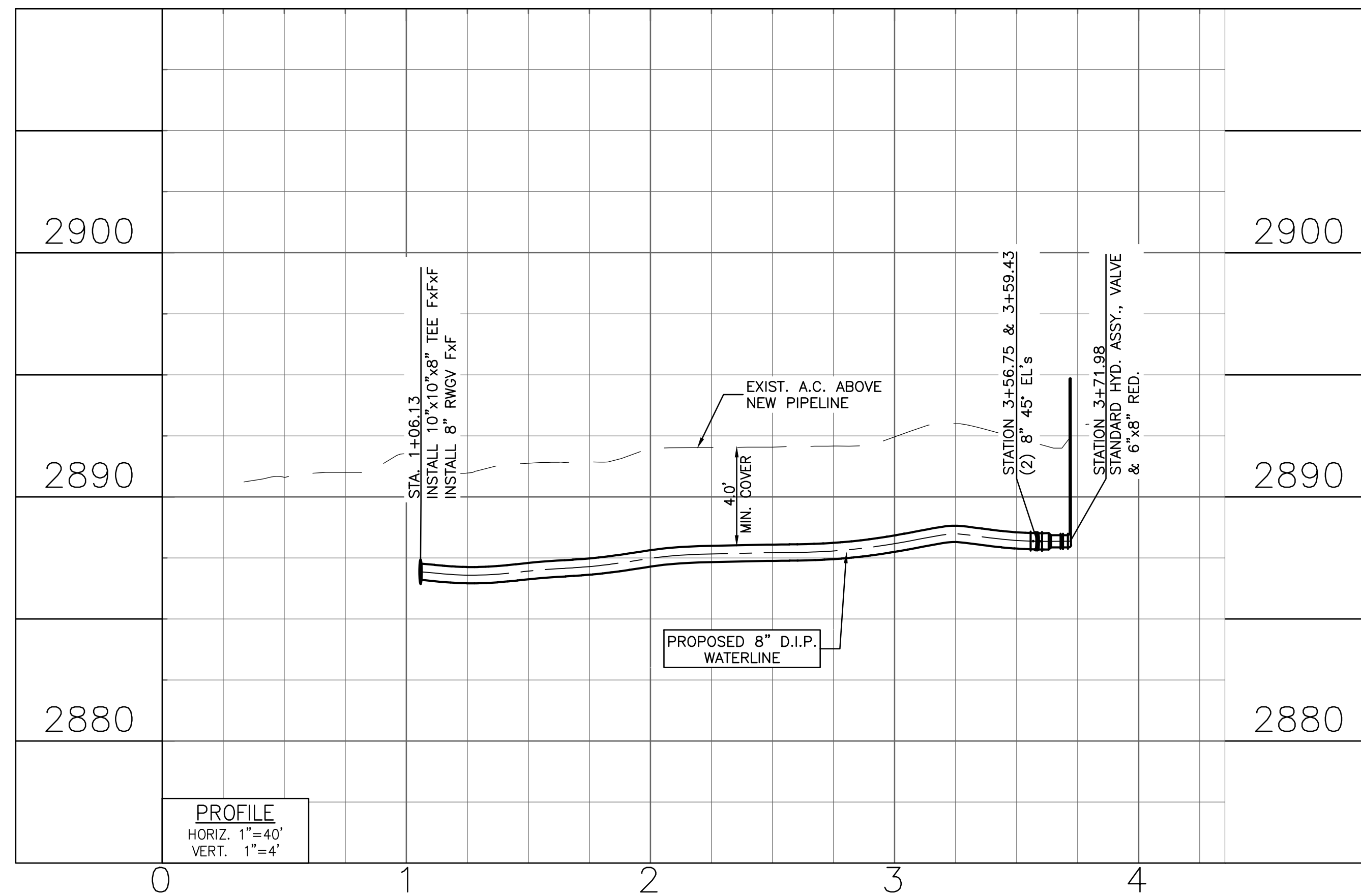
BEAUMONT-CHERRY VALLEY WATER DISTRICT
RIVERSIDE COUNTY, CALIFORNIA

DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

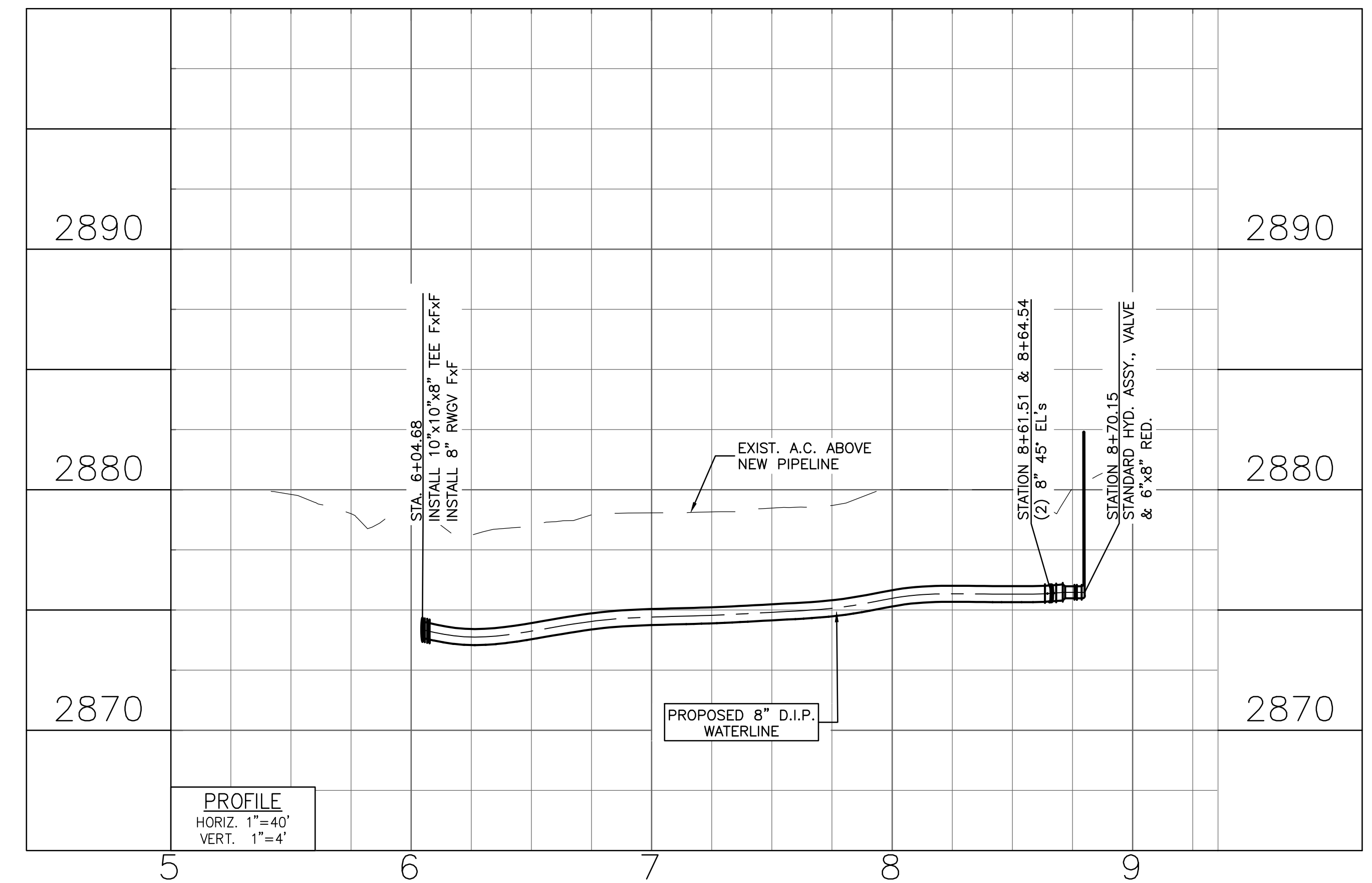
2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

INDEX MAP & SITE PLAN

SHEET NO. **C-4**
OF 12 SHTS
XX/XX/2022
DATE

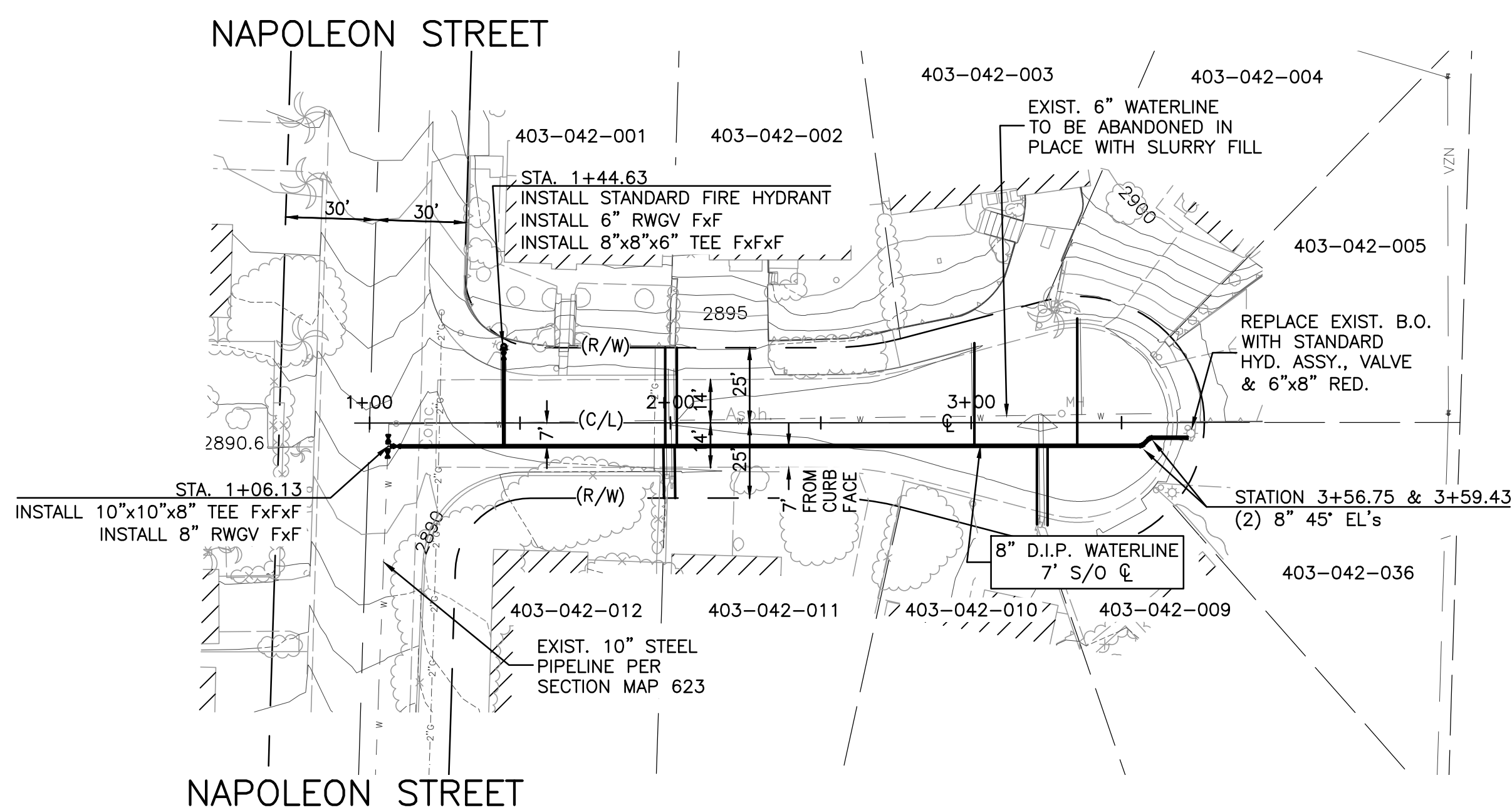


LAMBERT ROAD PROFILE

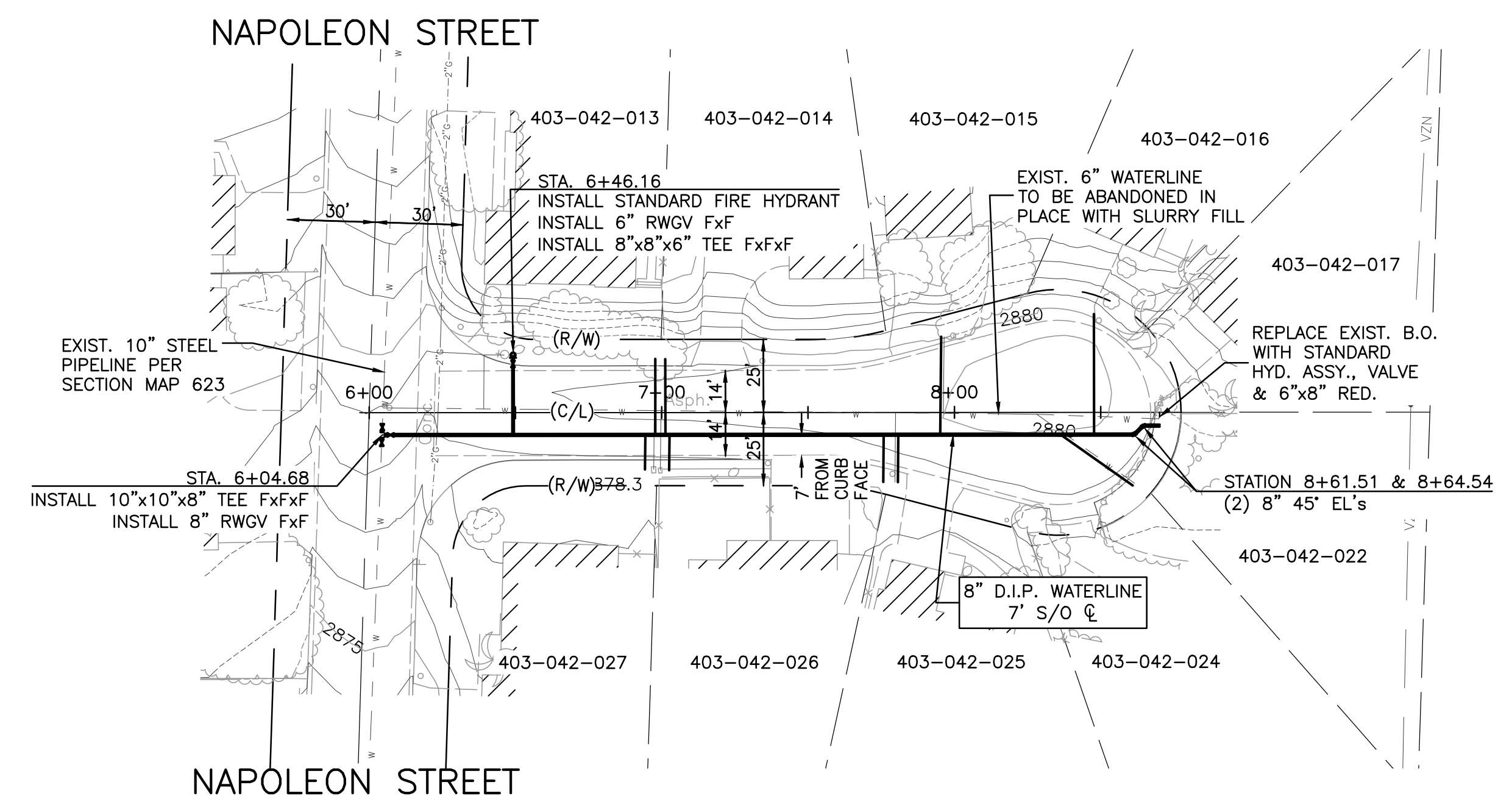


BING PLACE PROFILE

NOTE: CONTRACTOR TO PROVIDE RECEIPT OF PROPER DISPOSAL OF ALL ACP MATERIAL FROM DISPOSAL FACILITY

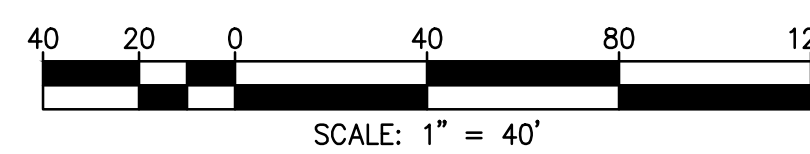


LAMBERT ROAD



BING PLACE

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BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN

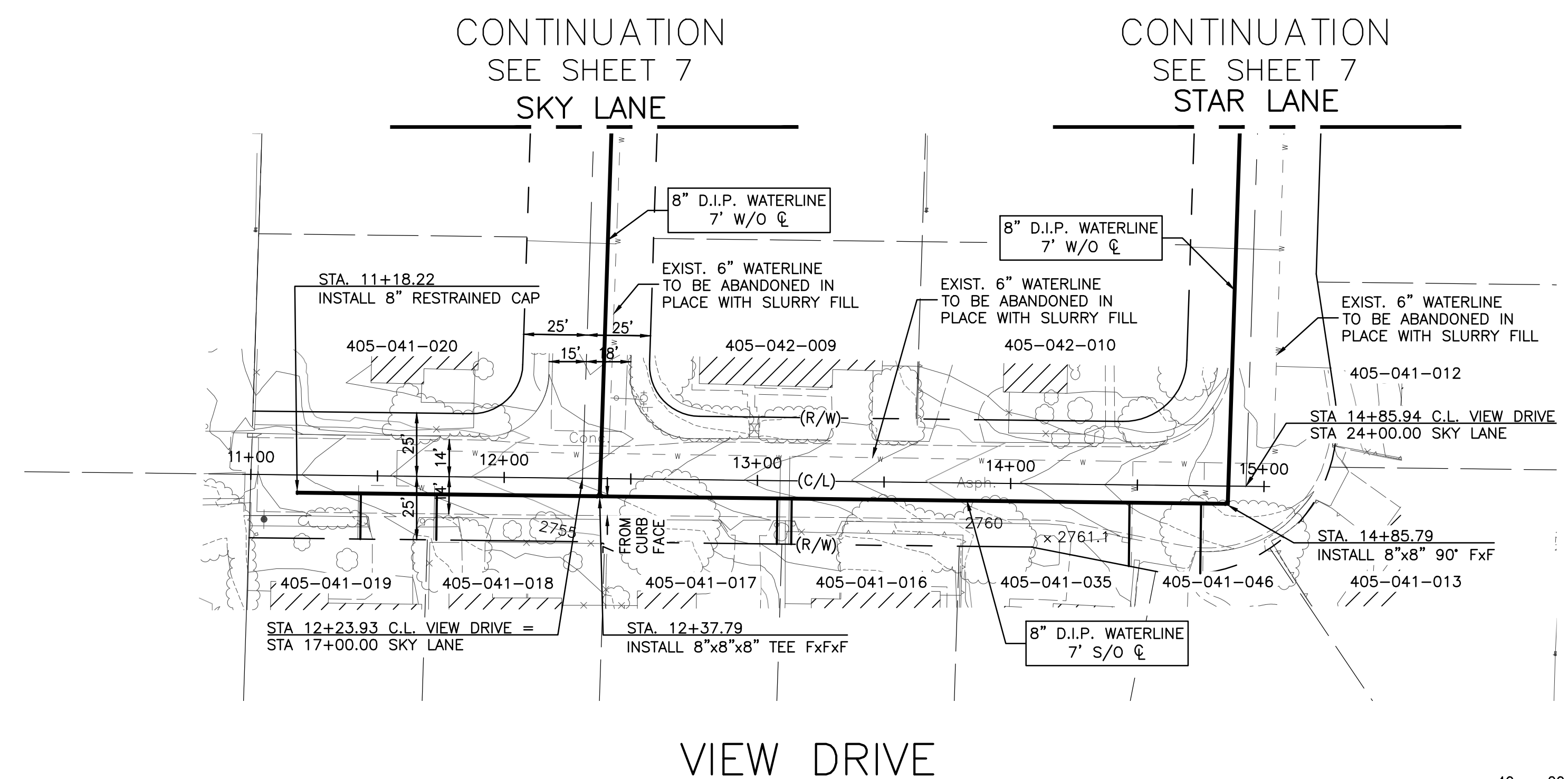
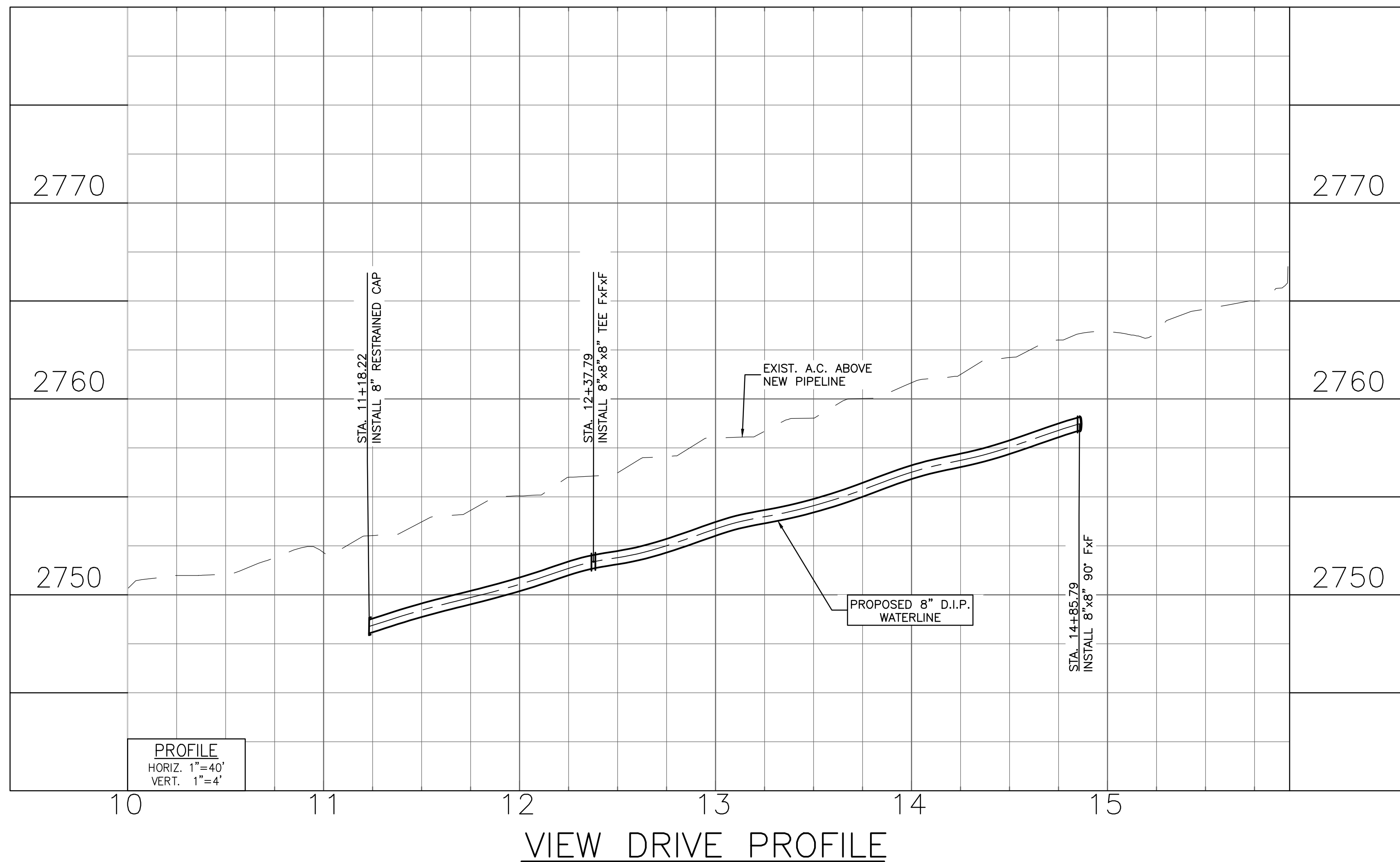
BEAUMONT-CHERRY VALLEY WATER DISTRICT
 RIVERSIDE COUNTY, CALIFORNIA

DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT
 PLAN AND PROFILE
 LAMBERT ROAD AND BING PLACE
 STA 0+00 TO STA 9+00

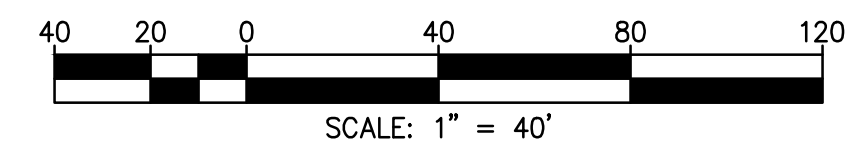
SHEET NO.
C-4
 OF 12 SHTS
 XX/XX/2022
 DATE

Z:\2103000\DWG\PLANS\C-6_PPL3_P&P.DWG PLOT DATE: 2/14/2022



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BENCHMARK
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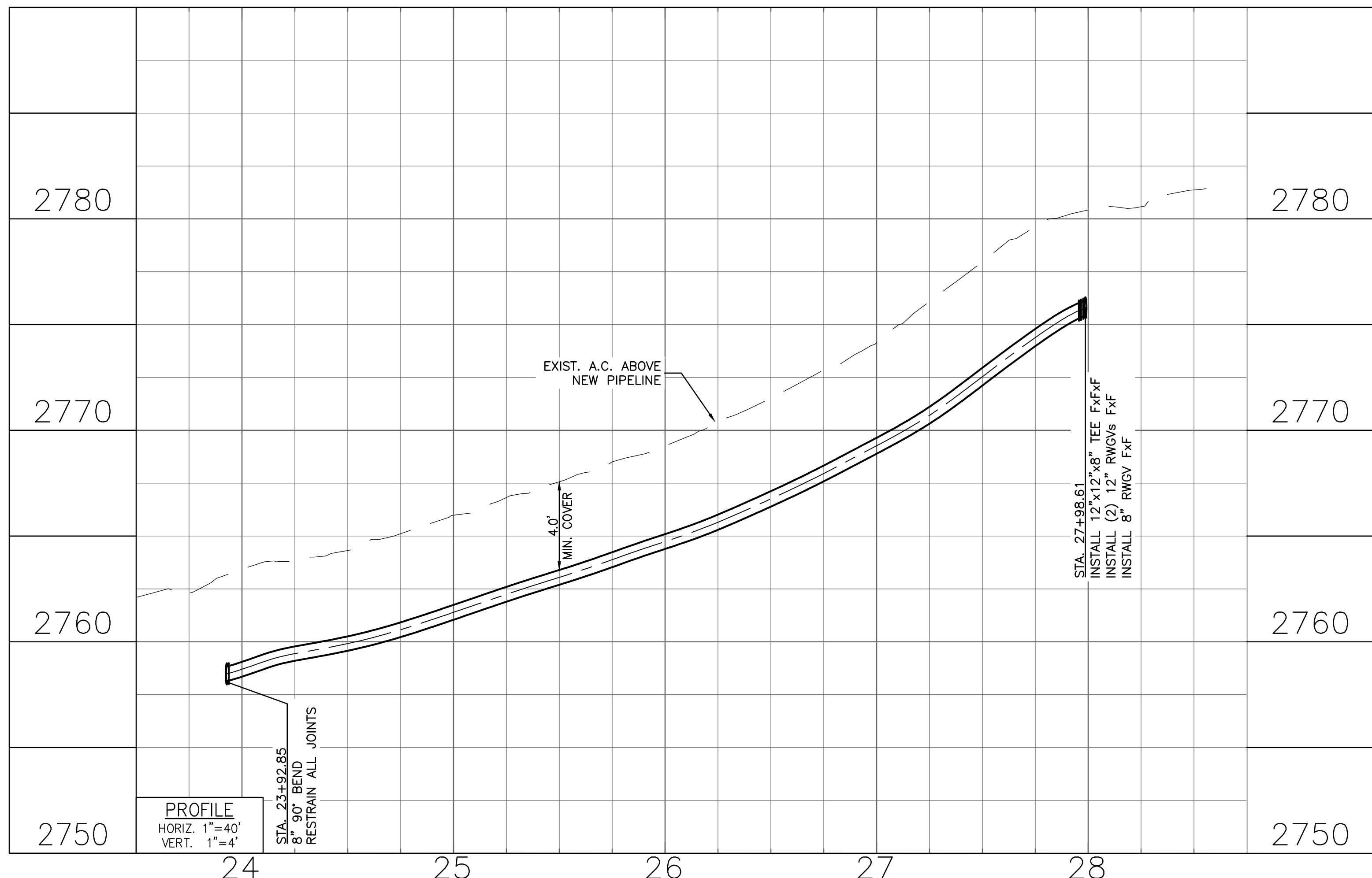
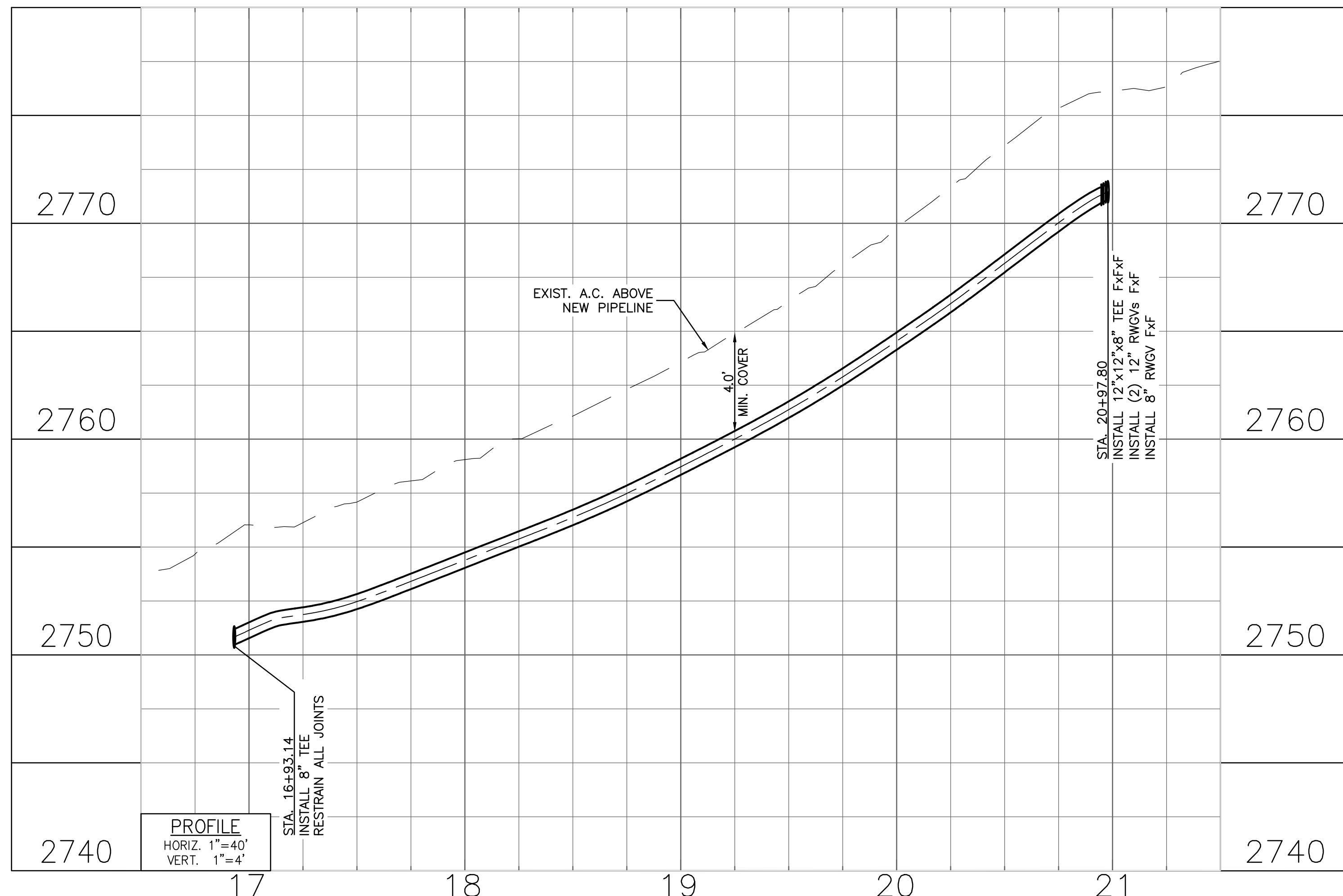
BEAUMONT-CHERRY VALLEY WATER DISTRICT RIVERSIDE COUNTY, CALIFORNIA

DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

PLAN AND PROFILE
VIEW DRIVE
STA 9+00 TO STA 18+00

SHEET NO.
C-5
 OF 12 SHTS
 XX/XX/2022
 DATE



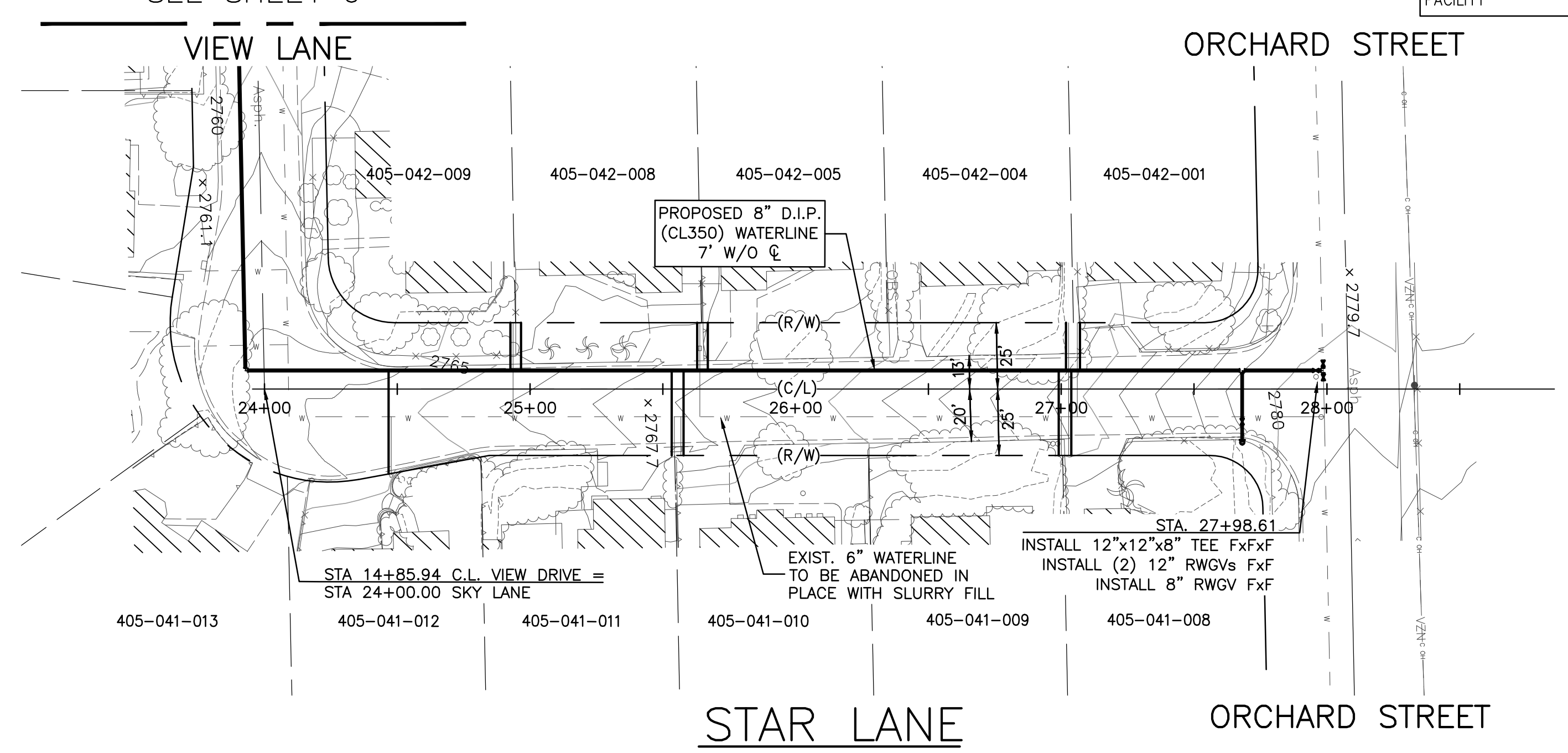
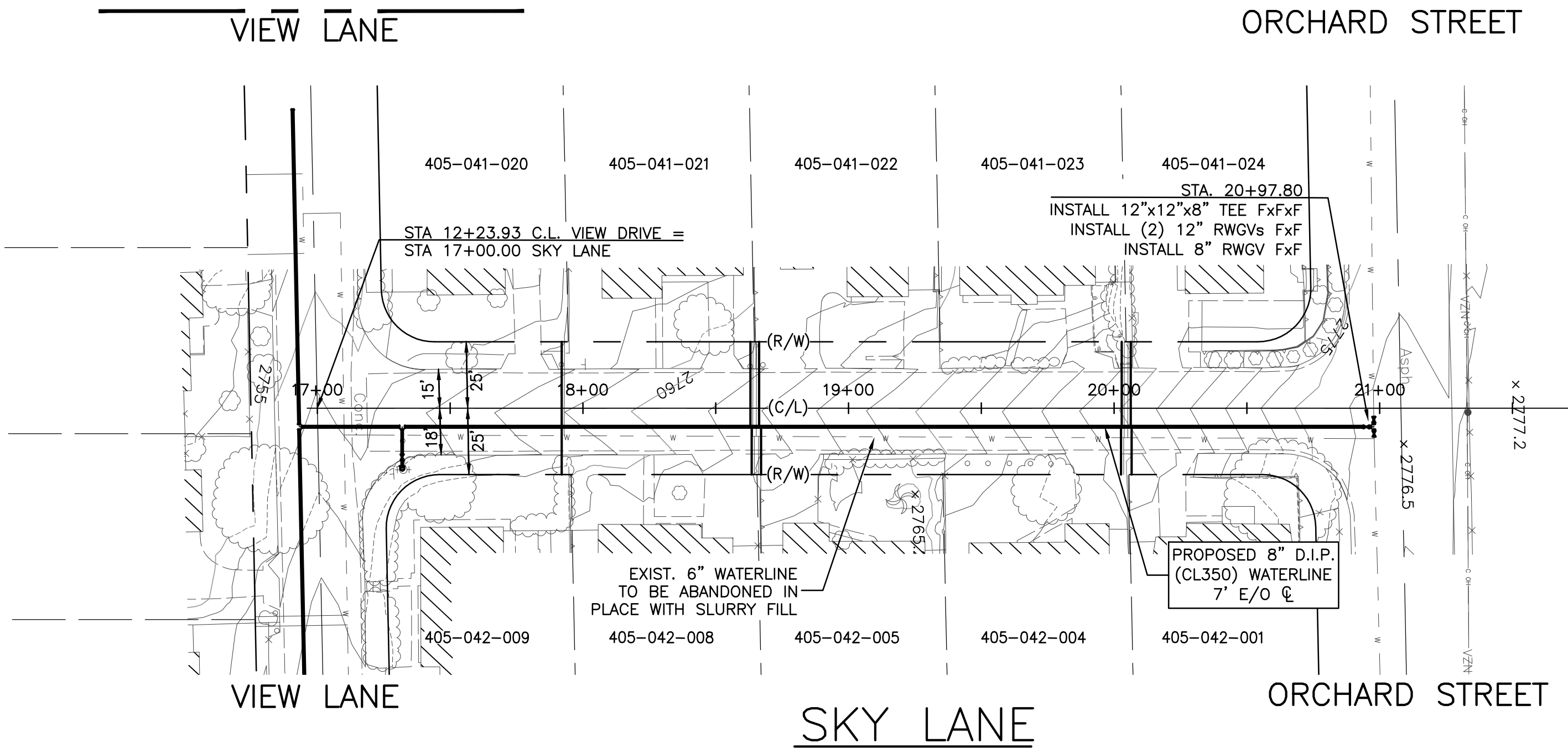
CONTINUATION
SEE SHEET 6

SKY LANE PROFILE

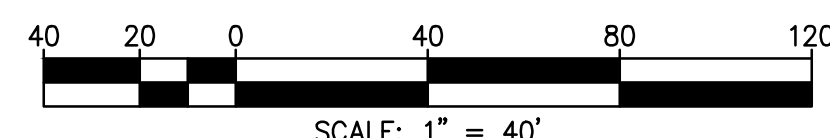
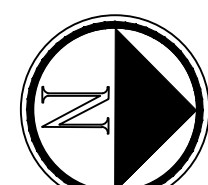
CONTINUATION
SEE SHEET 6

STAR LANE PROFILE

NOTE: CONTRACTOR TO PROVIDE
RECEIPT OF PROPER DISPOSAL OF
ALL ACP MATERIAL FROM DISPOSAL
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NOTE:
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BENCHMARK
SEE SHEET 1

SCALE
AS SHOWN

BEAUMONT-CHERRY VALLEY WATER DISTRICT RIVERSIDE COUNTY, CALIFORNIA

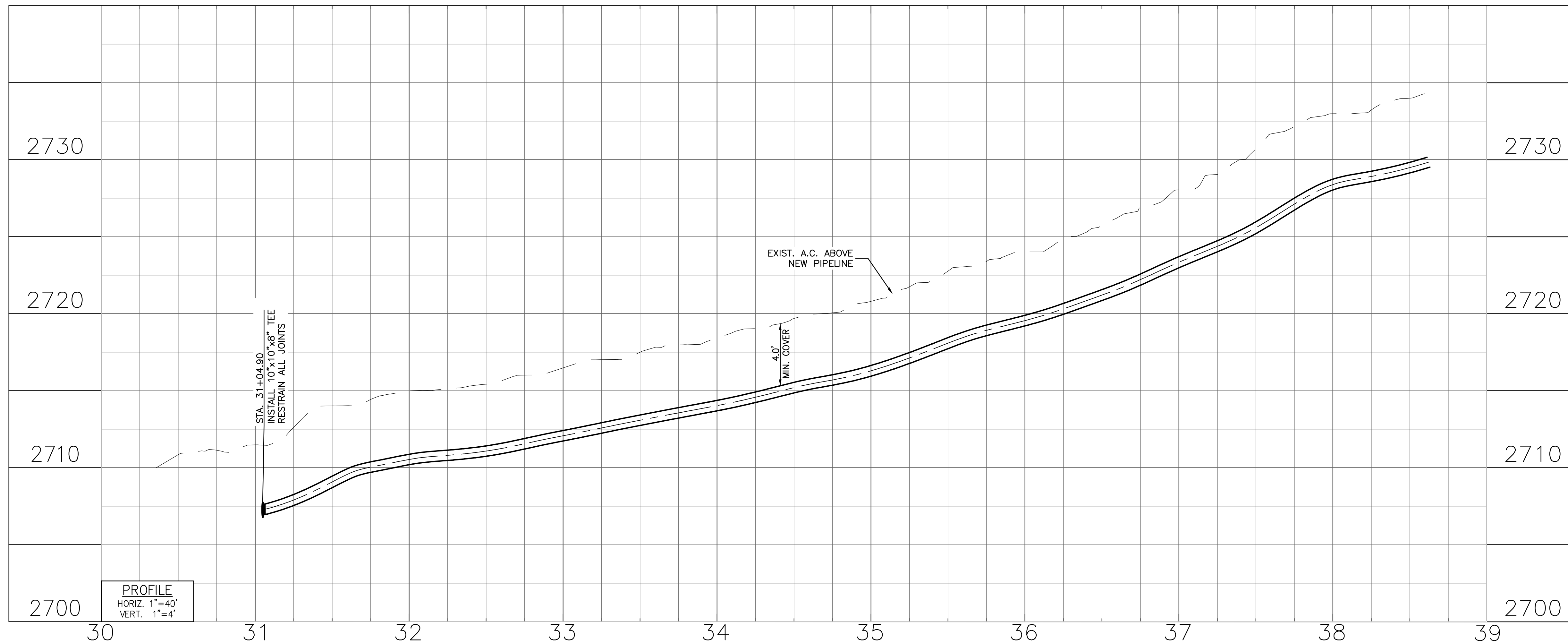
DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

**PLAN AND PROFILE
SKY LANE AND STAR LANE
STA 16+50 TO STA 28+75**

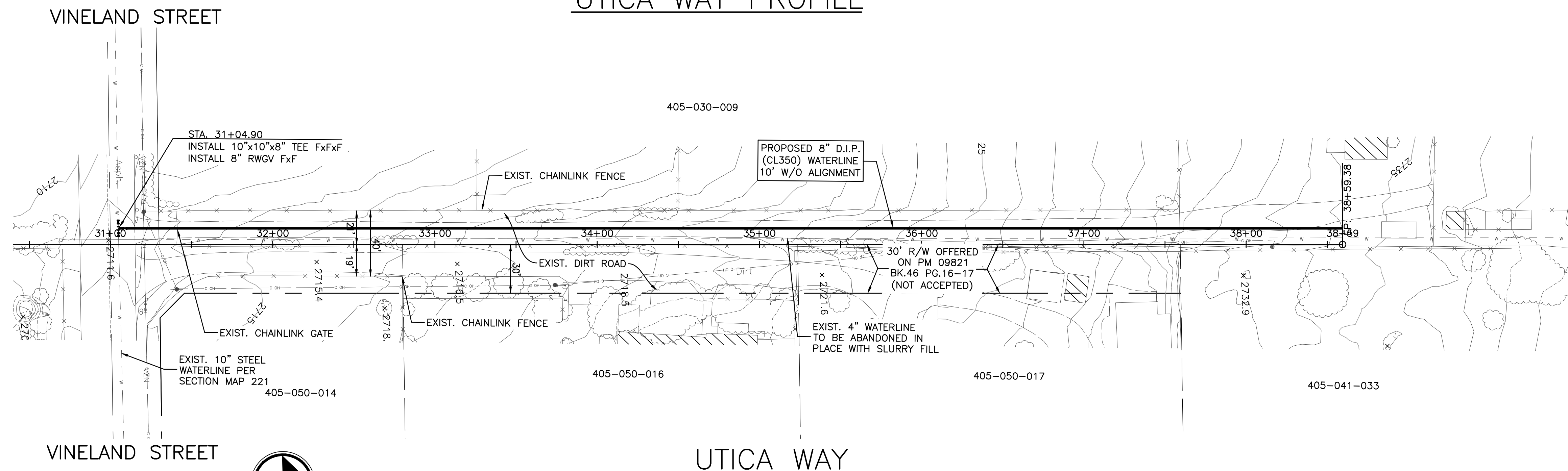
SHEET NO.
C-7
OF 12 SHTS
XX/XX/2022
DATE

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NOTE: CONTRACTOR TO PROVIDE RECEIPT OF PROPER DISPOSAL OF ALL ACP MATERIAL FROM DISPOSAL FACILITY

UTICA WAY PROFILE



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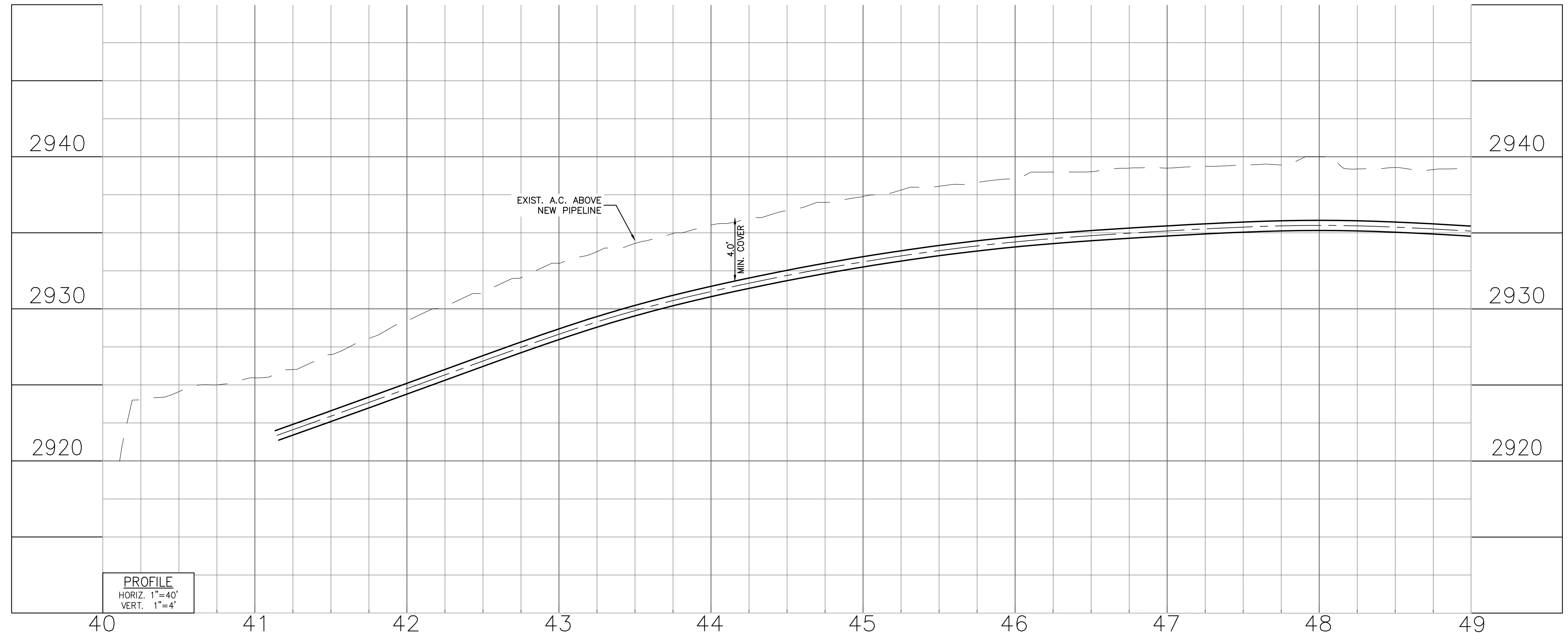
BENCHMARK
 SEE SHEET 1
 SCALE
 AS SHOWN

BEAUMONT-CHERRY VALLEY WATER DISTRICT
 RIVERSIDE COUNTY, CALIFORNIA
 DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT
 PLAN AND PROFILE
 UTICA WAY
 STA 30+00 TO STA 39+00

SHEET NO.
C-8
 OF 12 SHTS
 XX/XX/2022
 DATE

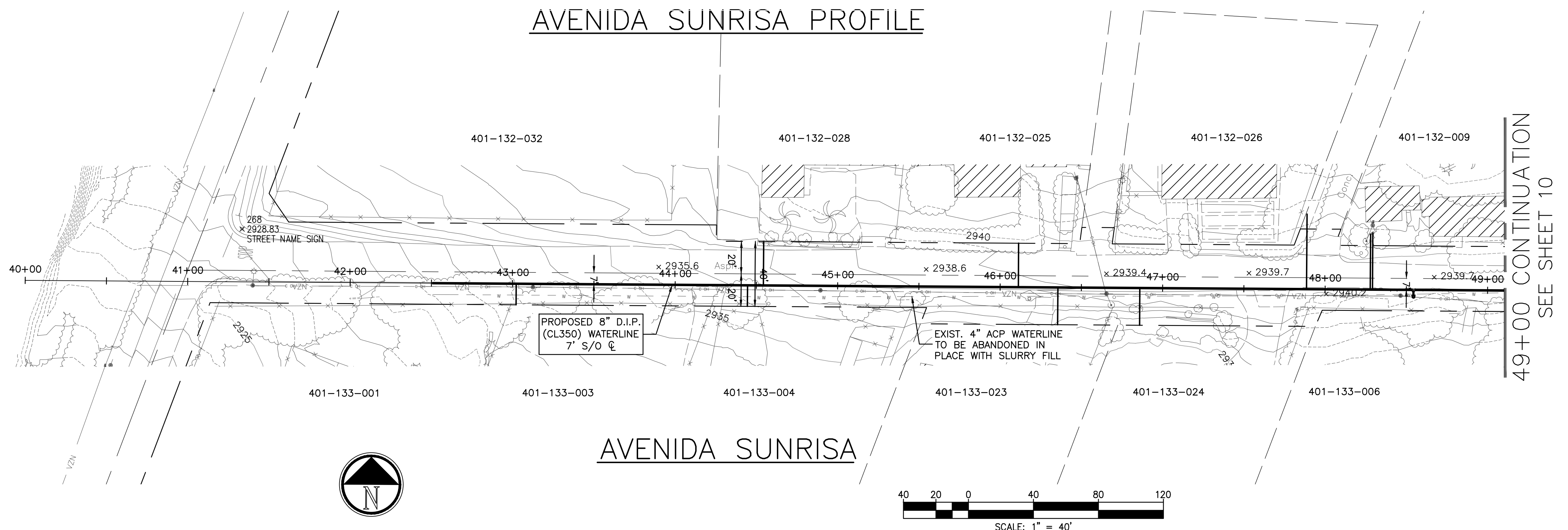
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PROFILE
HORIZ. 1"=40'
VERT. 1"=4'

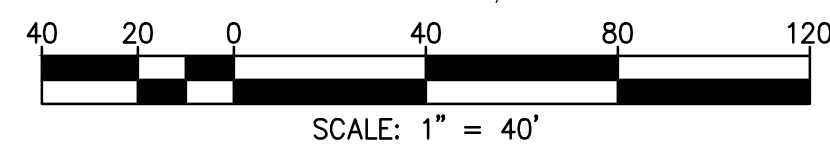
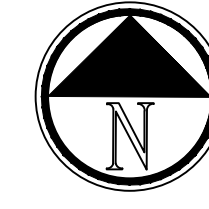
NOTE: CONTRACTOR TO PROVIDE RECEIPT OF PROPER DISPOSAL OF ALL ACP MATERIAL FROM DISPOSAL FACILITY

AVENIDA SUNRISA PROFILE



AVENIDA SUNRISA

49+00 CONTINUATION
SEE SHEET 10



NOTE:
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BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN

BEAUMONT-CHERRY VALLEY WATER DISTRICT RIVERSIDE COUNTY, CALIFORNIA

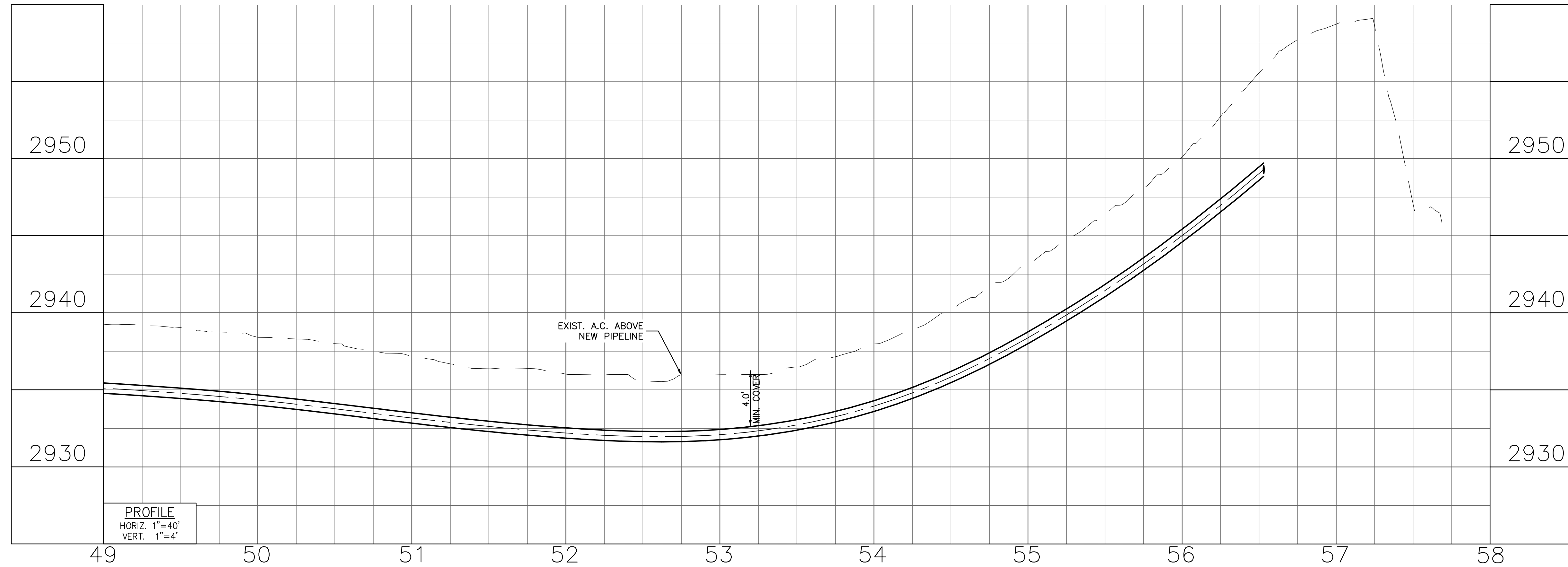
DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

PLAN AND PROFILE AVENIDA SONRISA STA 40+00 TO STA 49+00

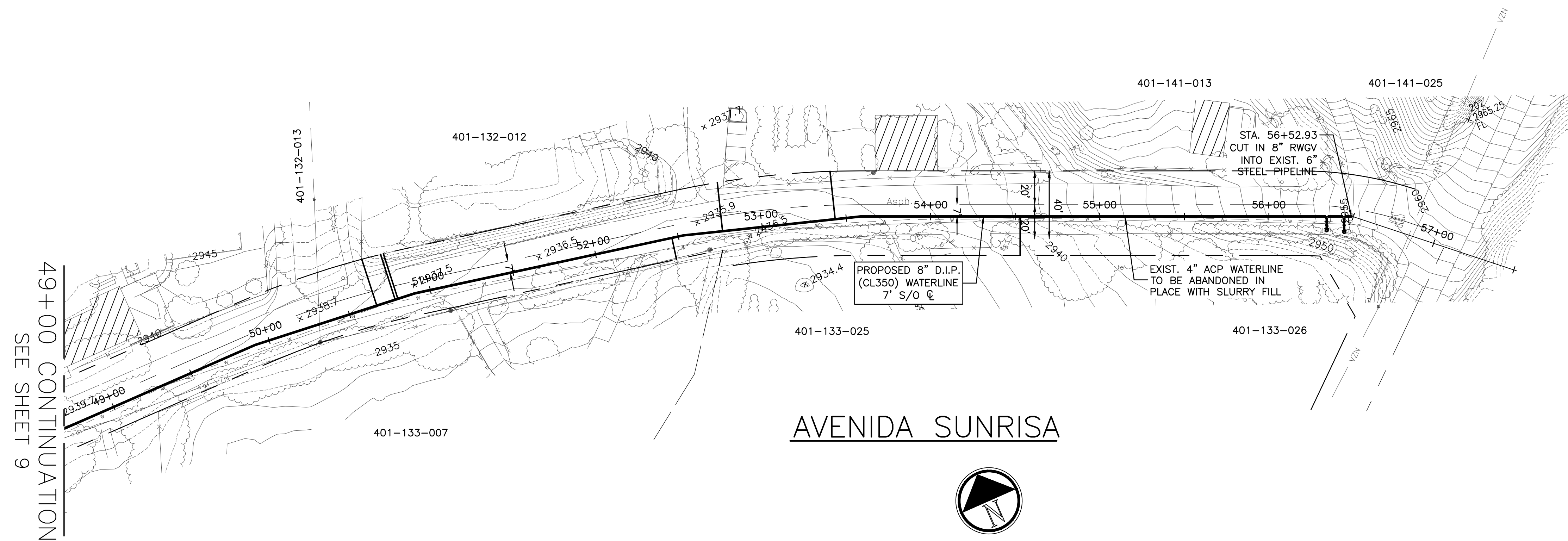
SHEET NO. **C-9**
OF 12 SHTS
DATE: XX/XX/2022

Z:\2103000\DWG\PLANS\C-9-10_PPL5_P&P.DWG PLOT DATE: 2/14/2022



AVENIDA SUNRISA PROFILE

NOTE: CONTRACTOR TO PROVIDE RECEIPT OF PROPER DISPOSAL OF ALL ACP MATERIAL FROM DISPOSAL FACILITY



49+00 CONTINUATION
SEE SHEET 9

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SCALE
AS SHOWN

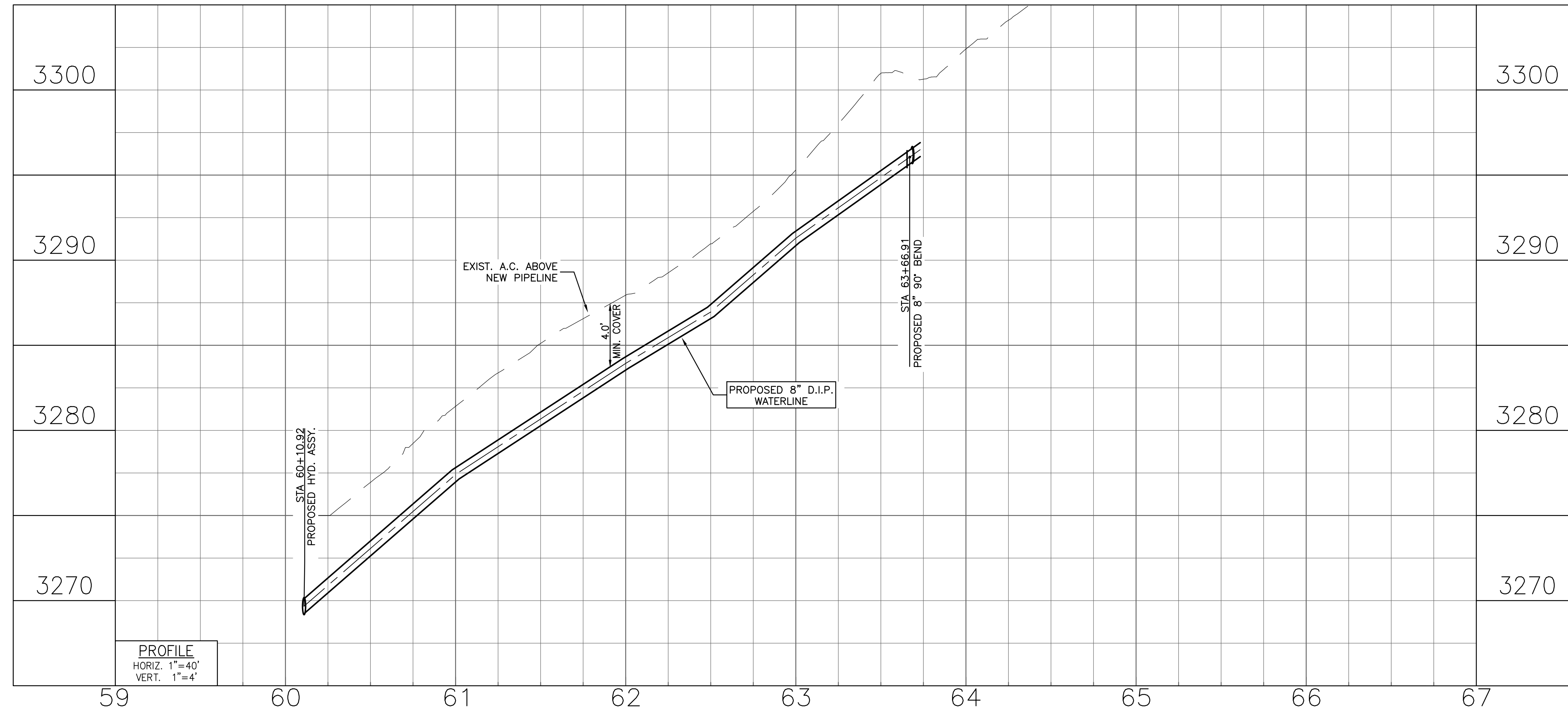
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2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

PLAN AND PROFILE
 AVENIDA SONRISA
 STA 49+00 TO STA 58+00

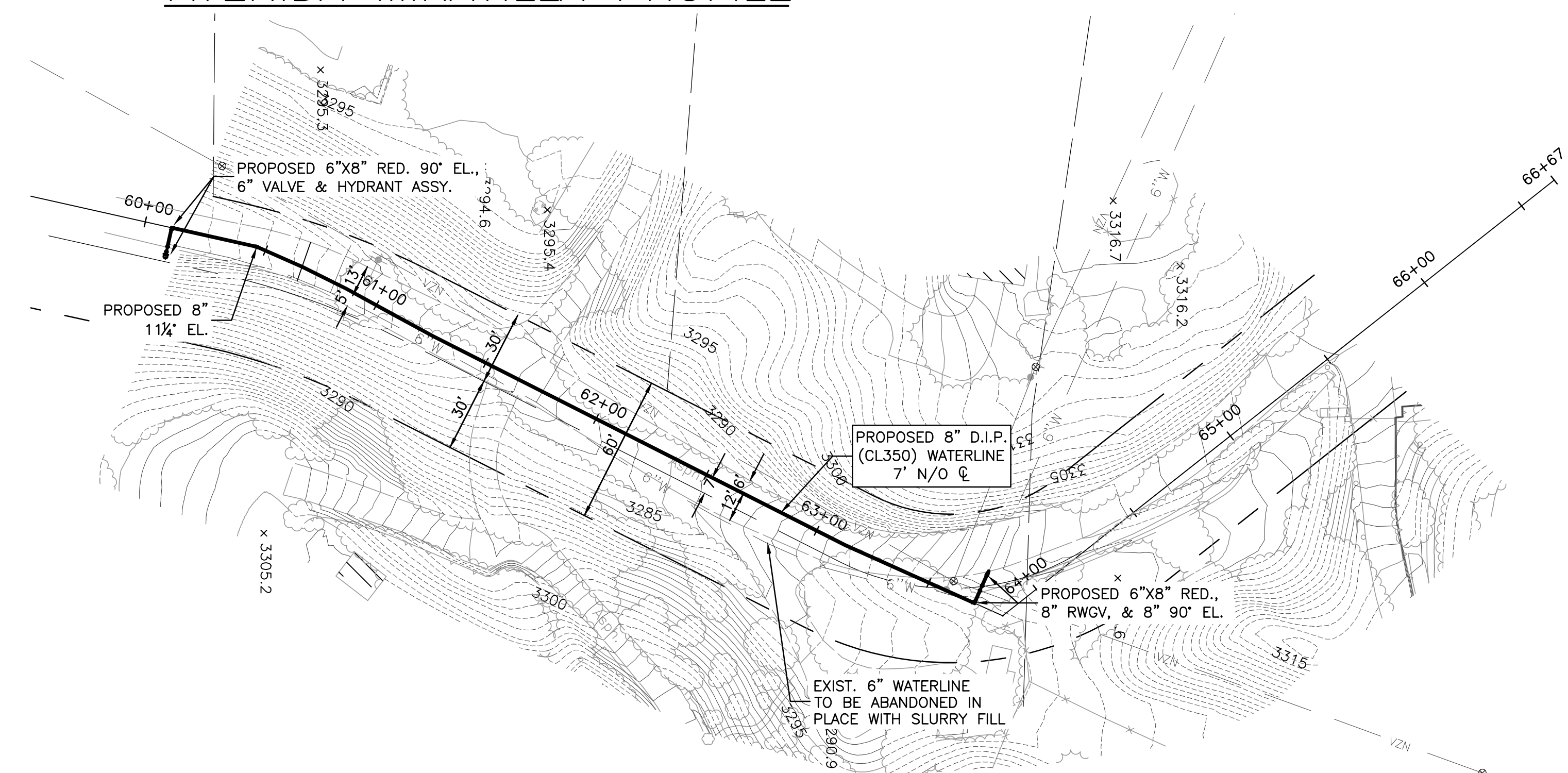
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OF 12 SHTS
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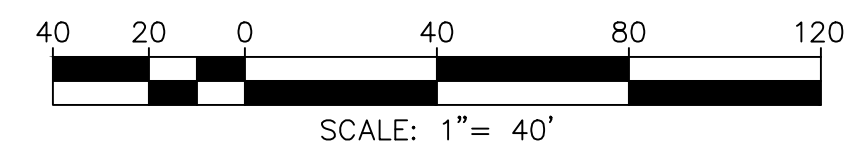
PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'

AVENIDA MIRAVILLA PROFILE

NOTE: CONTRACTOR TO PROVIDE RECEIPT OF PROPER DISPOSAL OF ALL ACP MATERIAL FROM DISPOSAL FACILITY



AVENIDA MIRAVILLA



NOTE:
 ALL DISTANCES ARE HORIZONTAL MEASUREMENTS. CONTRACTOR TO VERIFY ALL QUANTITIES

Cozad & Fox, Inc.
 CIVIL / STRUCTURAL ENGINEERS
 MUNICIPAL CONSULTANTS / PLANNERS
 SURVEYORS / GPS
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PREPARED UNDER THE SUPERVISION OF:
 DATE: XX/XX/2022 BRIAN D. FOX
 REGISTERED CIVIL ENGINEER NO. 57264



JOB NO.	2103000
DESIGNED	A.J.R.
DRAWN	D.D.S.
CHECKED	B.FOX
APPROVED	
REG. NO.	

REV	DATE	DESCRIPTION	BY

BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN

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2020 AND 2021 WATER PIPELINE REPLACEMENT PROJECT

PLAN AND PROFILE
 AVENIDA MIRAVILLA
 STA 9+00 TO STA 18+00

SHEET NO.
C-12
 OF 12 SHTS
 XX/XX/2022
 DATE

Z:\2103000\DWG\PLANS\C-12_PPLE_P&P.DWG PLOT DATE: 2/14/2022

Appendix B
Western Riverside Multiple Species Habitat Conservation Plan
(MSHCP) Analysis and Habitat Assessment

Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment

2020 and 2021 Water Pipeline Replacement Project

Project Location Cherry Valley, Riverside County, California

Permittee:

**County of Riverside, California
4080 Lemon Street
Riverside, CA 92501**

Applicant:



**Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223**

Prepared by:



**Geovironment Consulting
630 W 7th Street
San Jacinto, CA 92583**

August 2022

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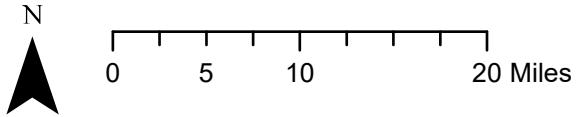
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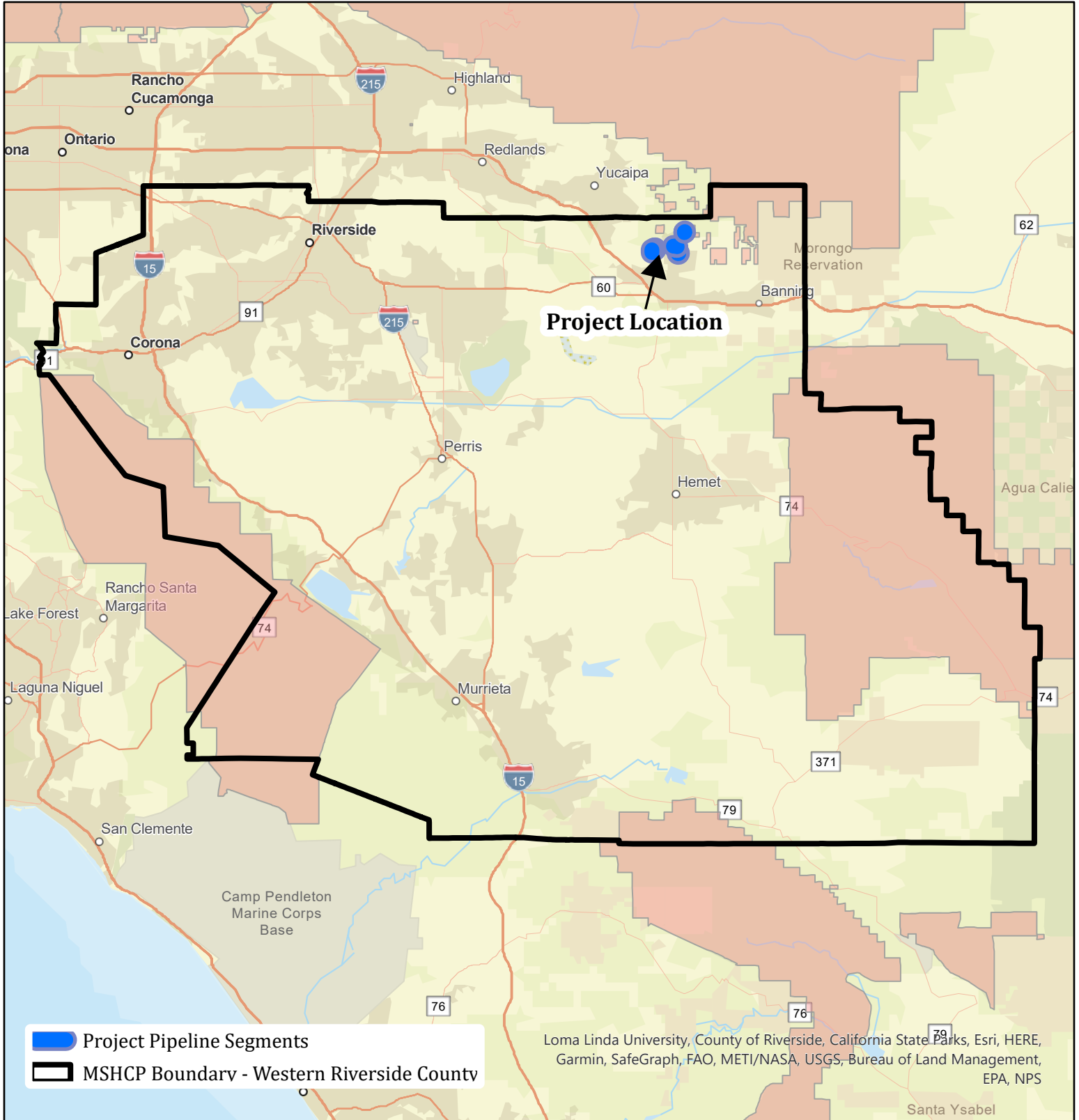
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- Figure 3 – USGS Topographic Map
- Figure 4 – Proposed Project Area & Aerial
- Figure 5 – Vegetation/Land Covers
- Figure 6 – NRCS Soils
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- Table 5 – Land Covers/Vegetation
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**Figure 1 - Regional Map
2020 - 2021 Pipeline Replacement**



Loma Linda University, County of Riverside, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

- Project Pipeline Segments
- MSHCP Boundary - Western Riverside County

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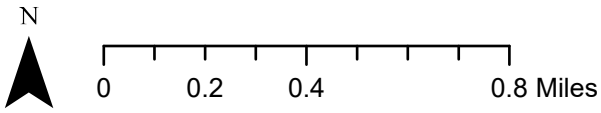
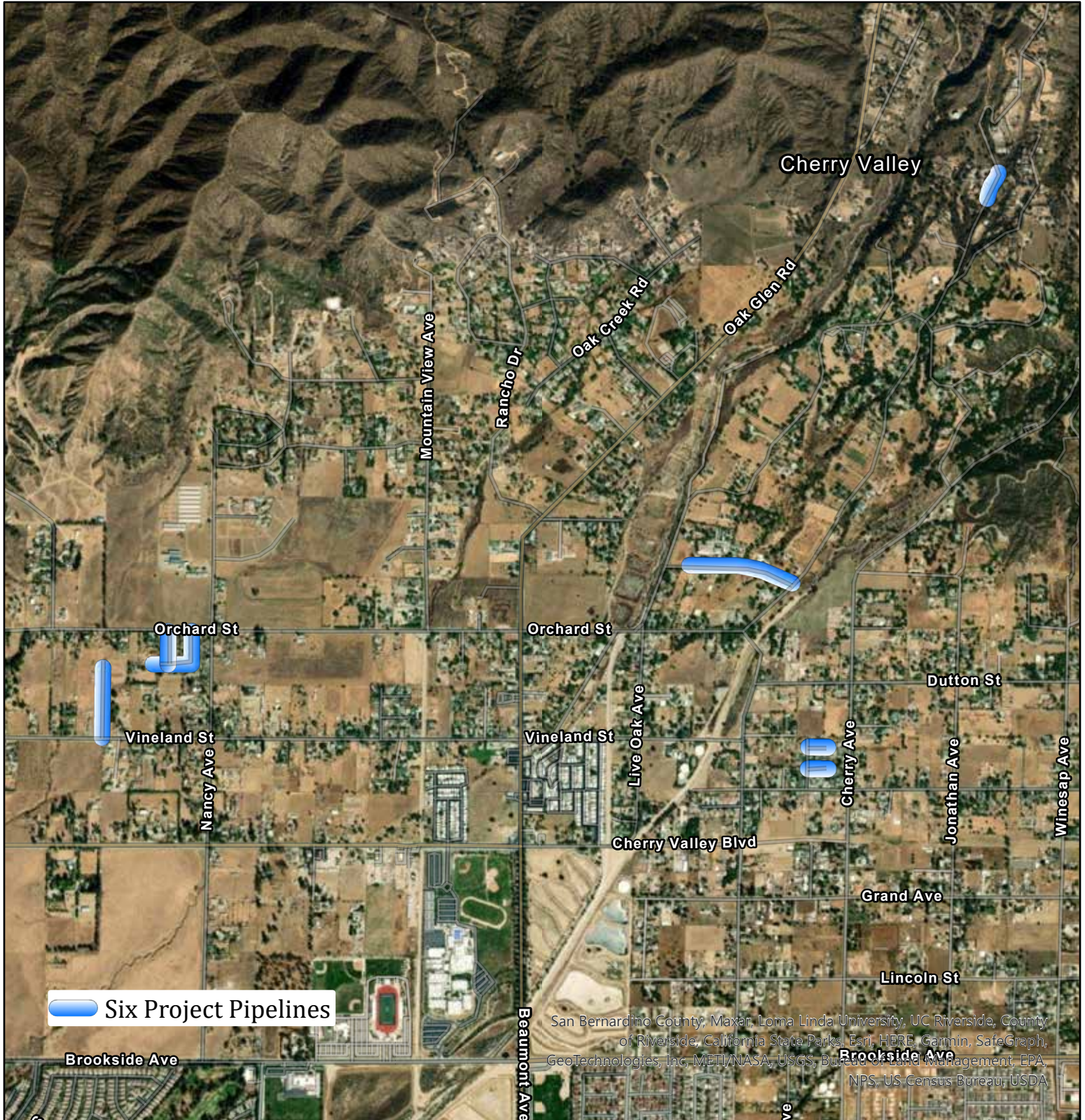


Figure 2 - Vicinity Map
2020 - 2021 Pipeline Replacement



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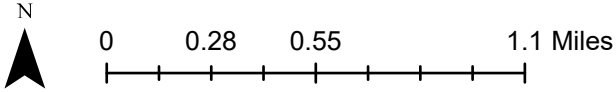
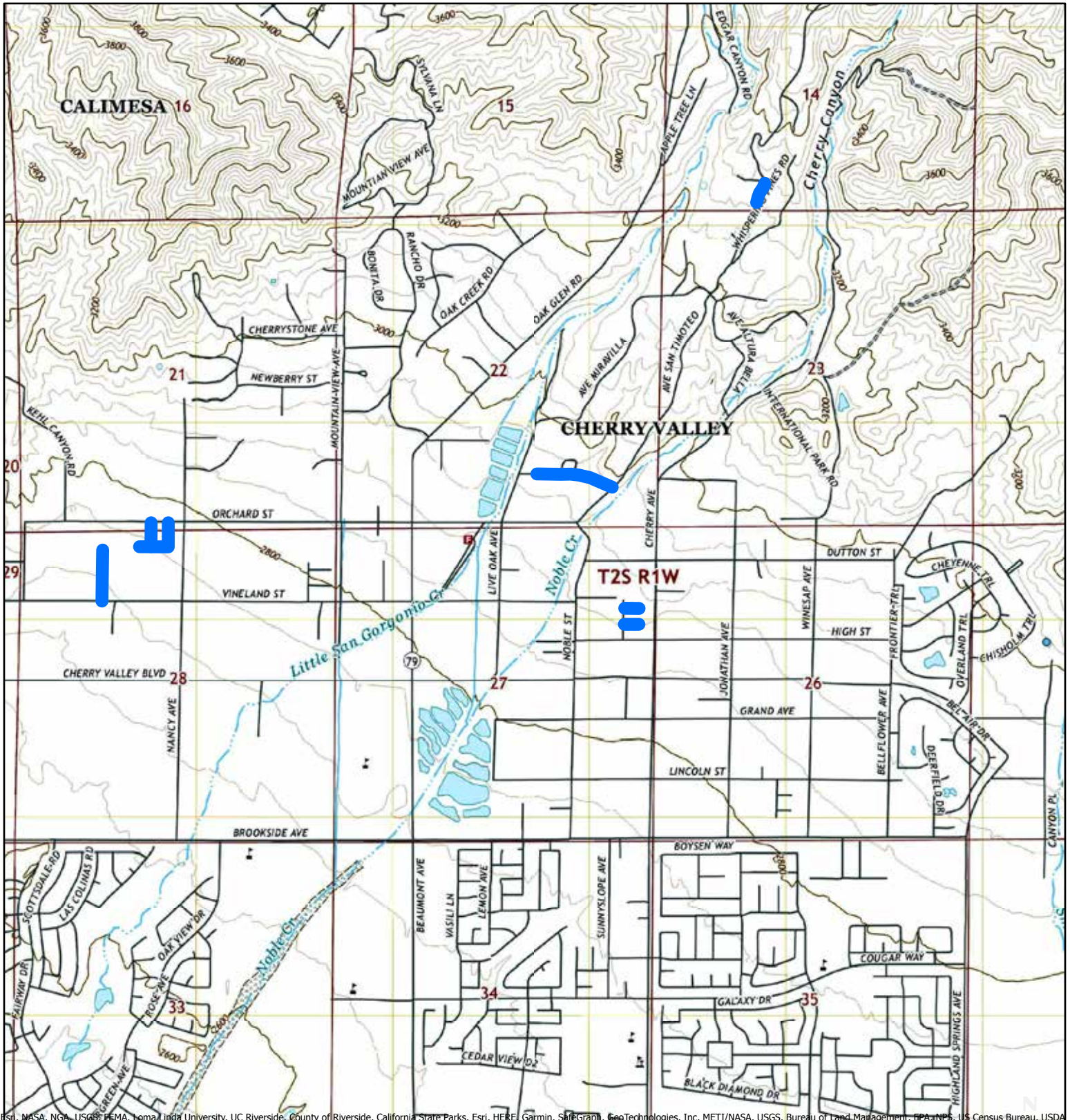


Figure 3 - USGS Topographic Map
2020 - 2021 Pipeline Replacement



Esri, NASA, NOAA, USGS, FEMA, Iowa Linda University, UC Riverside, County of Riverside, California State Parks, Esri, HERE, Garmin, SwiGrad, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA/NPS, US Census Bureau, USDA

Project Pipeline Replacement Segments

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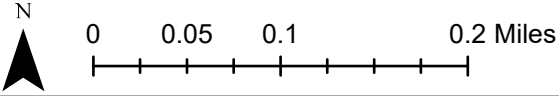
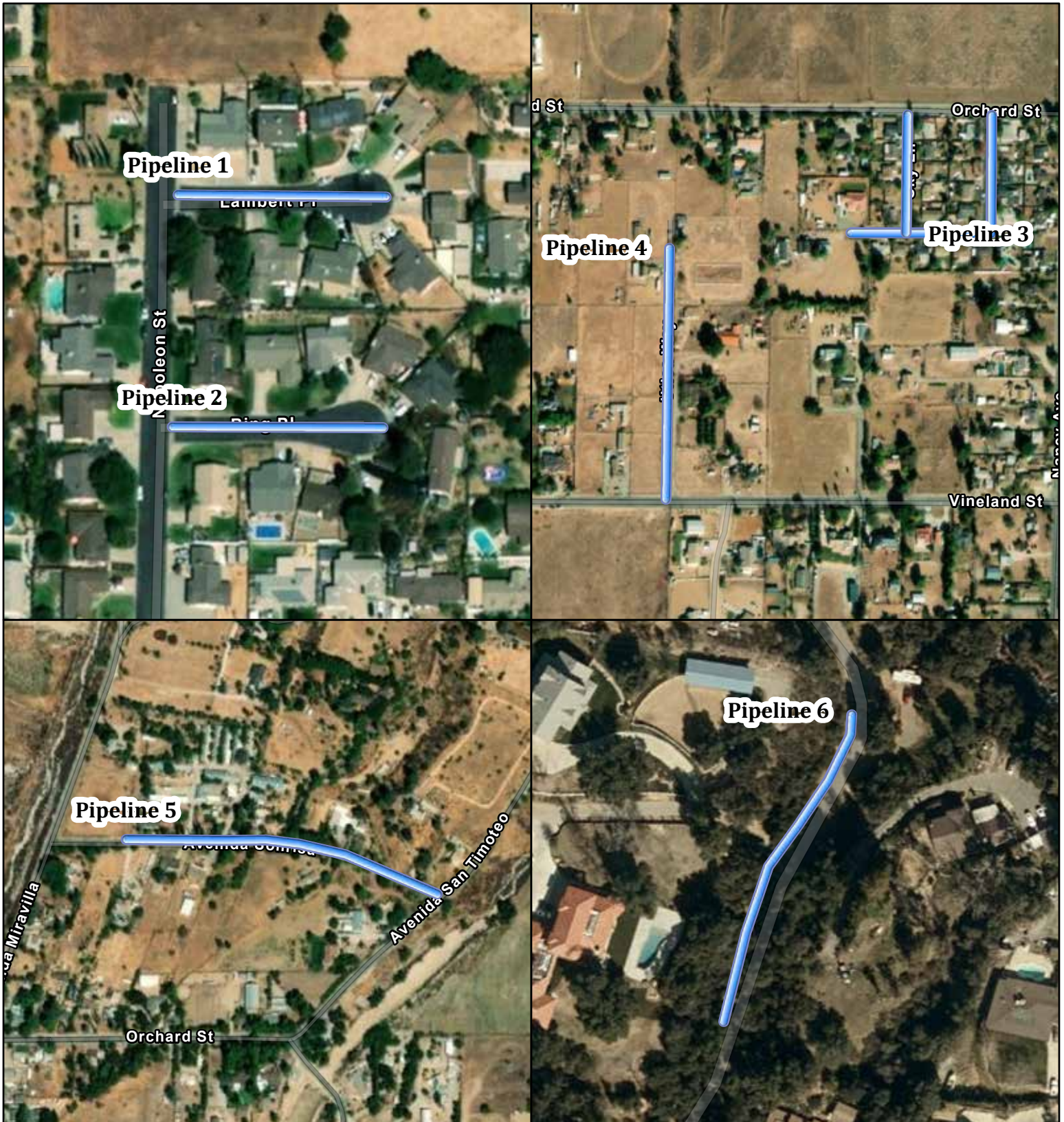


Figure 4 - Project Area
2020 - 2021 Pipeline Replacement



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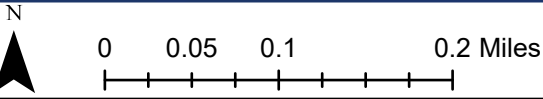
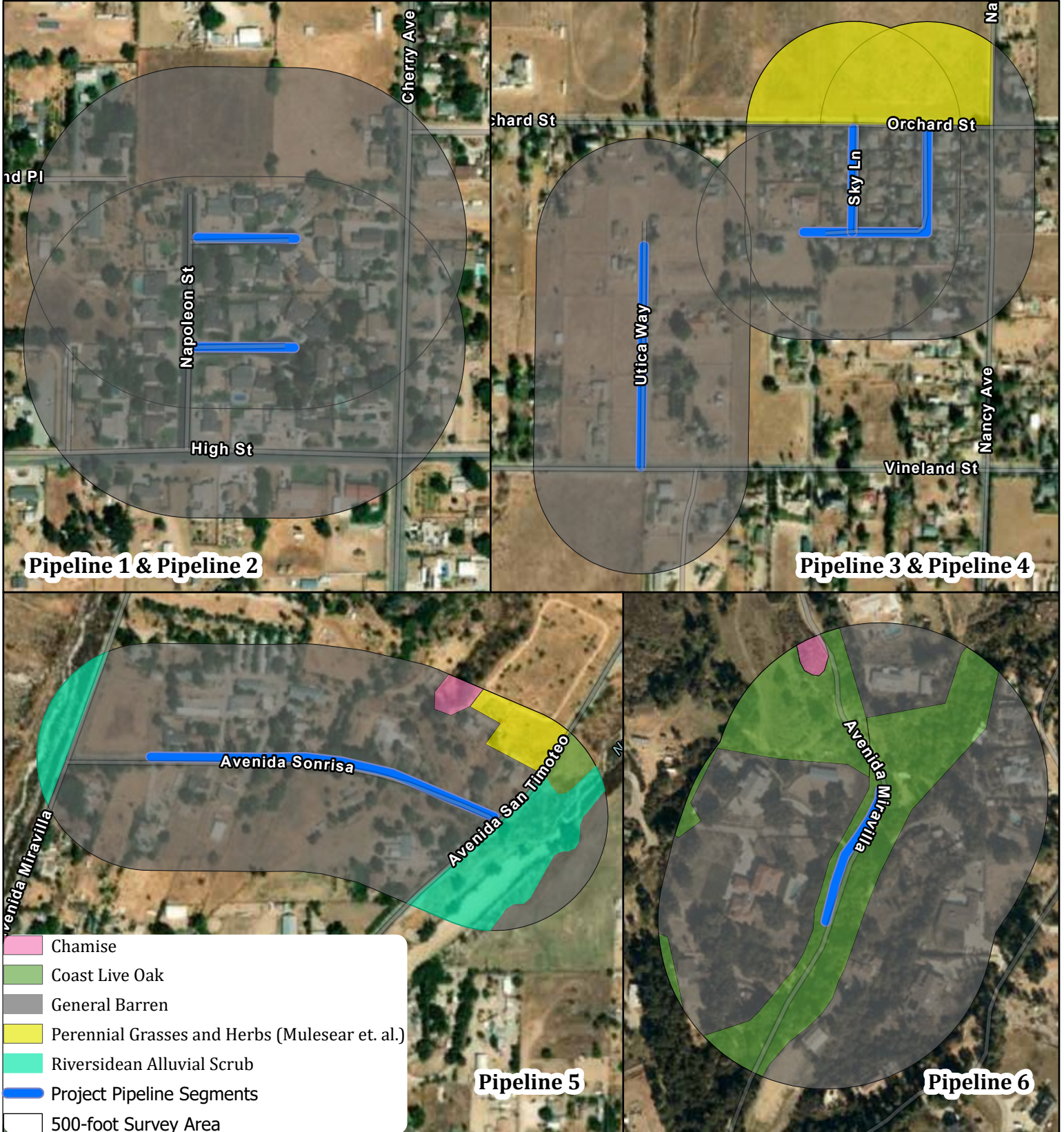


Figure 5 - Vegetation/Land Covers
2020 - 2021 Pipeline Replacement

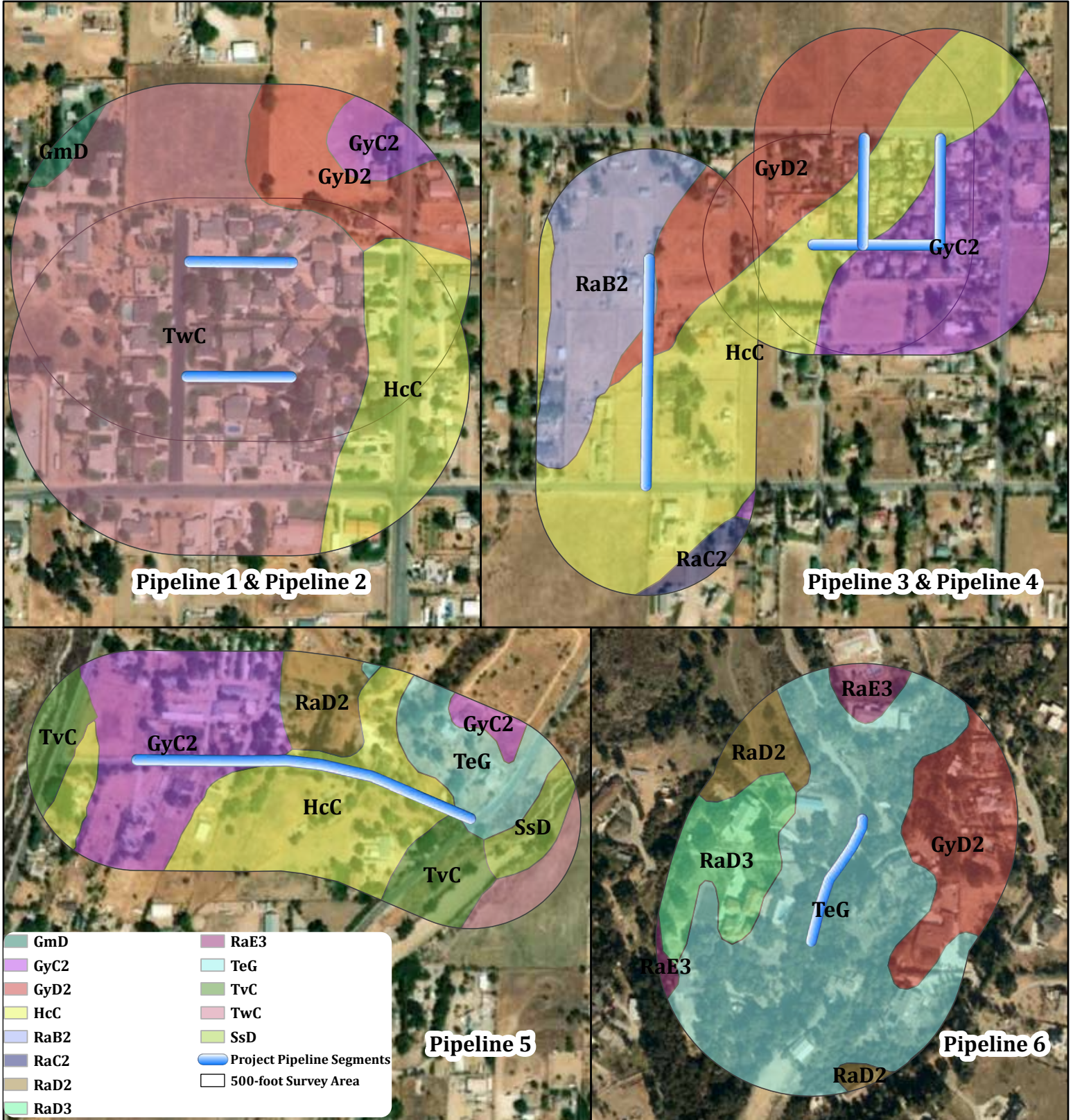
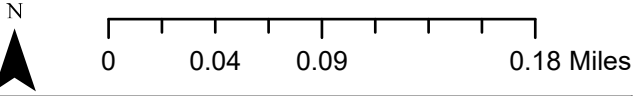


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Figure 6 - NCRS Soils
2020 - 2021 Pipeline Replacement

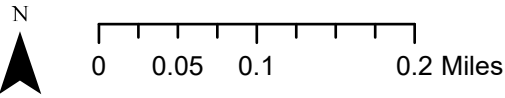


GmD	RaE3
GyC2	TeG
GyD2	TvC
HcC	TwC
RaB2	SsD
RaC2	Project Pipeline Segments
RaD2	500-foot Survey Area
RaD3	

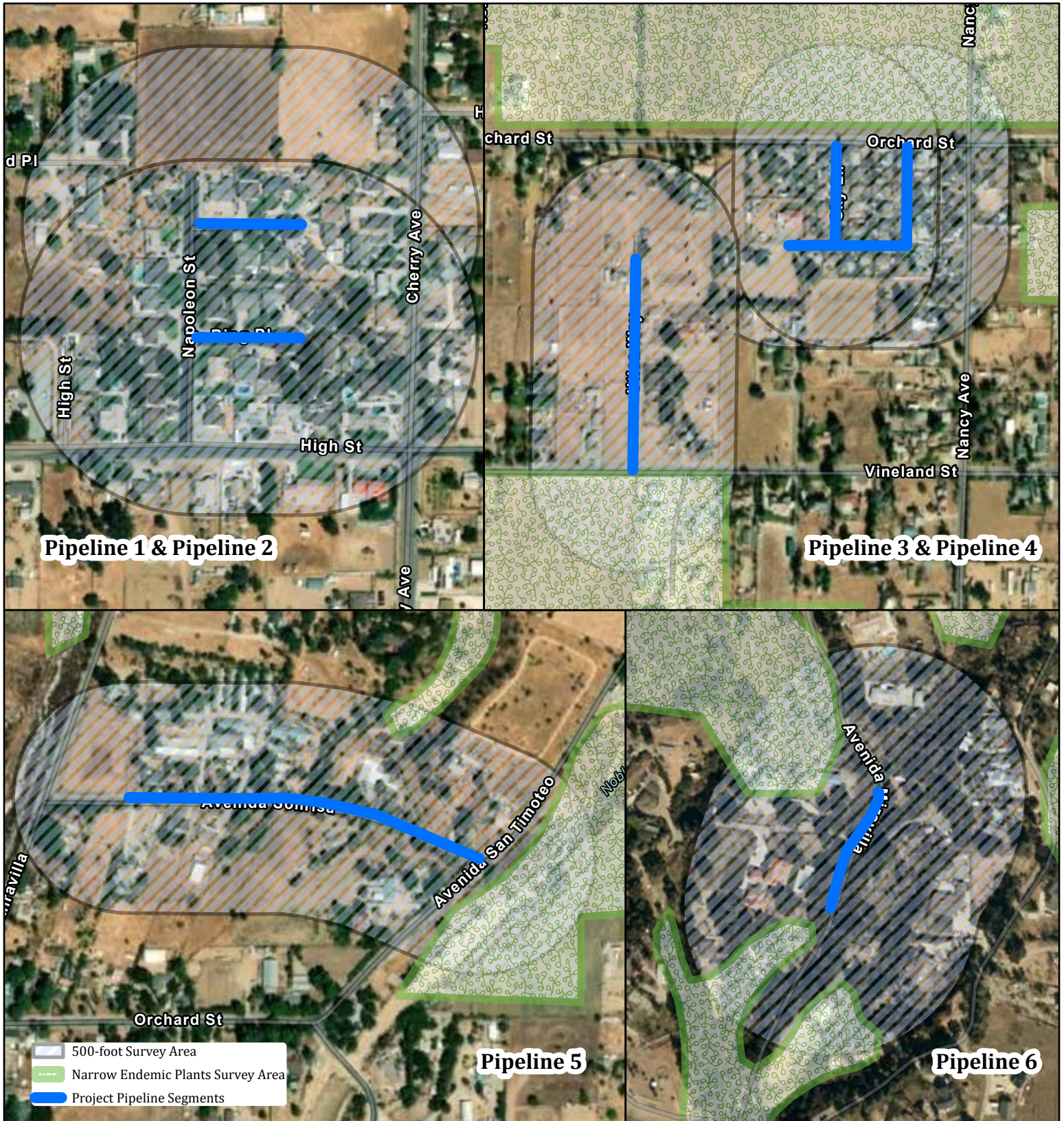
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**Figure 7 - Narrow Endemic Assessment Area
2020 - 2021 Pipeline Replacement**

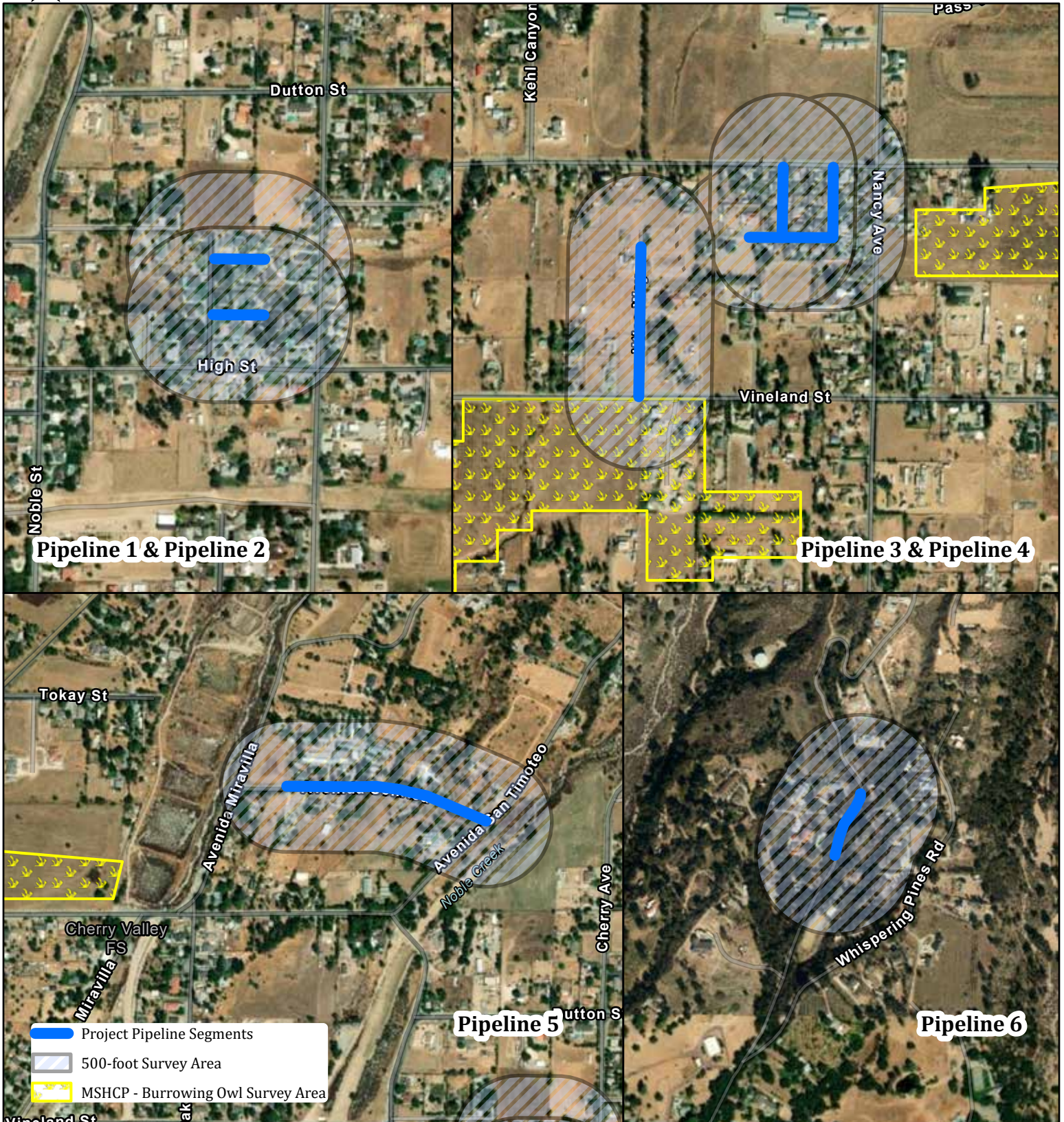
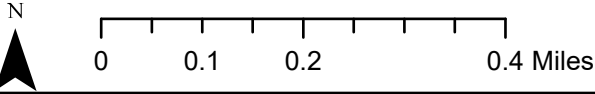


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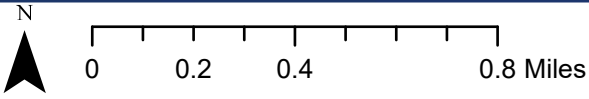
**Figure 8 - Burrowing Owl Survey Area
2020 - 2021 Pipeline Replacement**



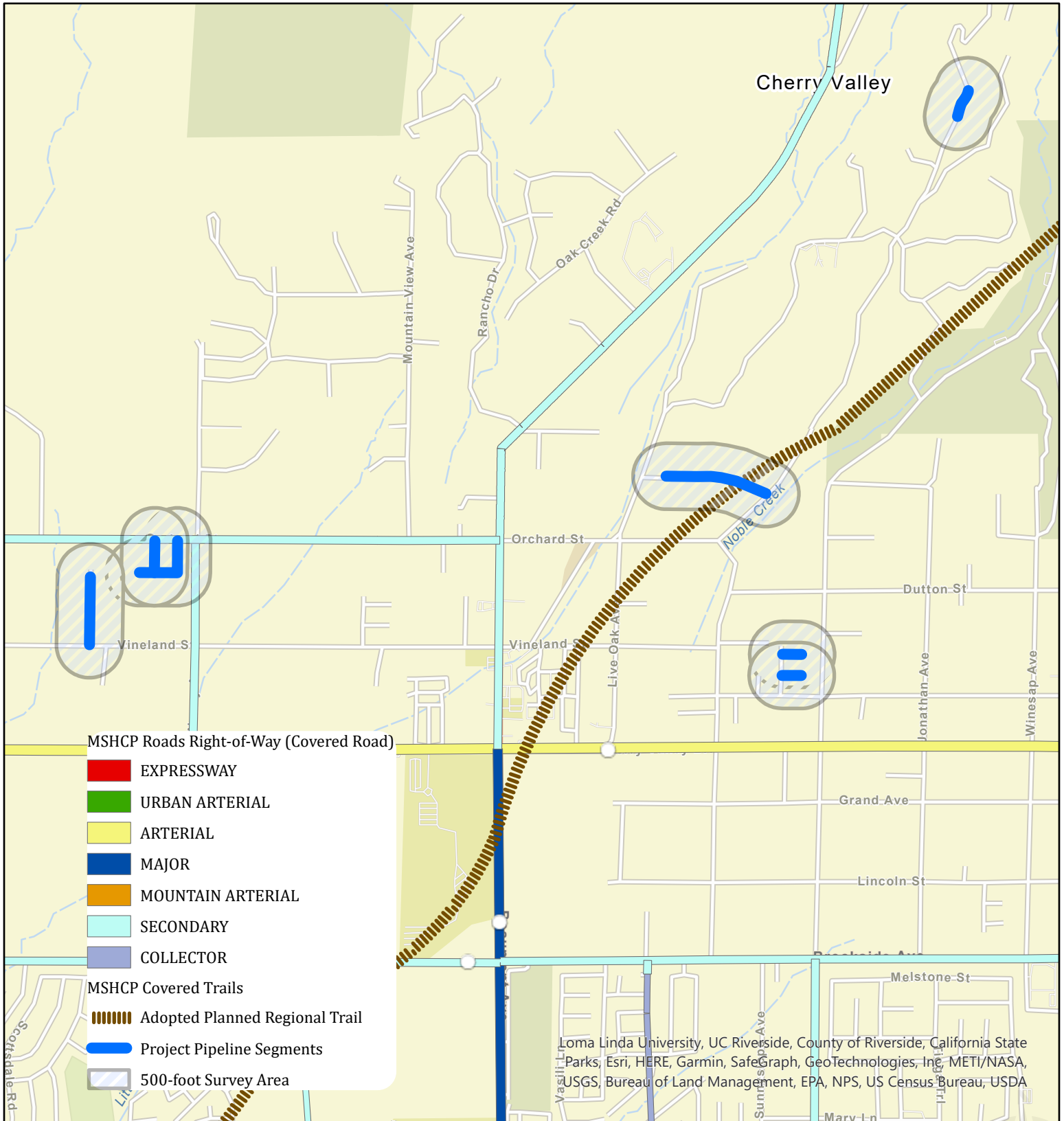
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**Figure 9 - MSHCP - Covered Roads
2020 - 2021 Pipeline Replacement**



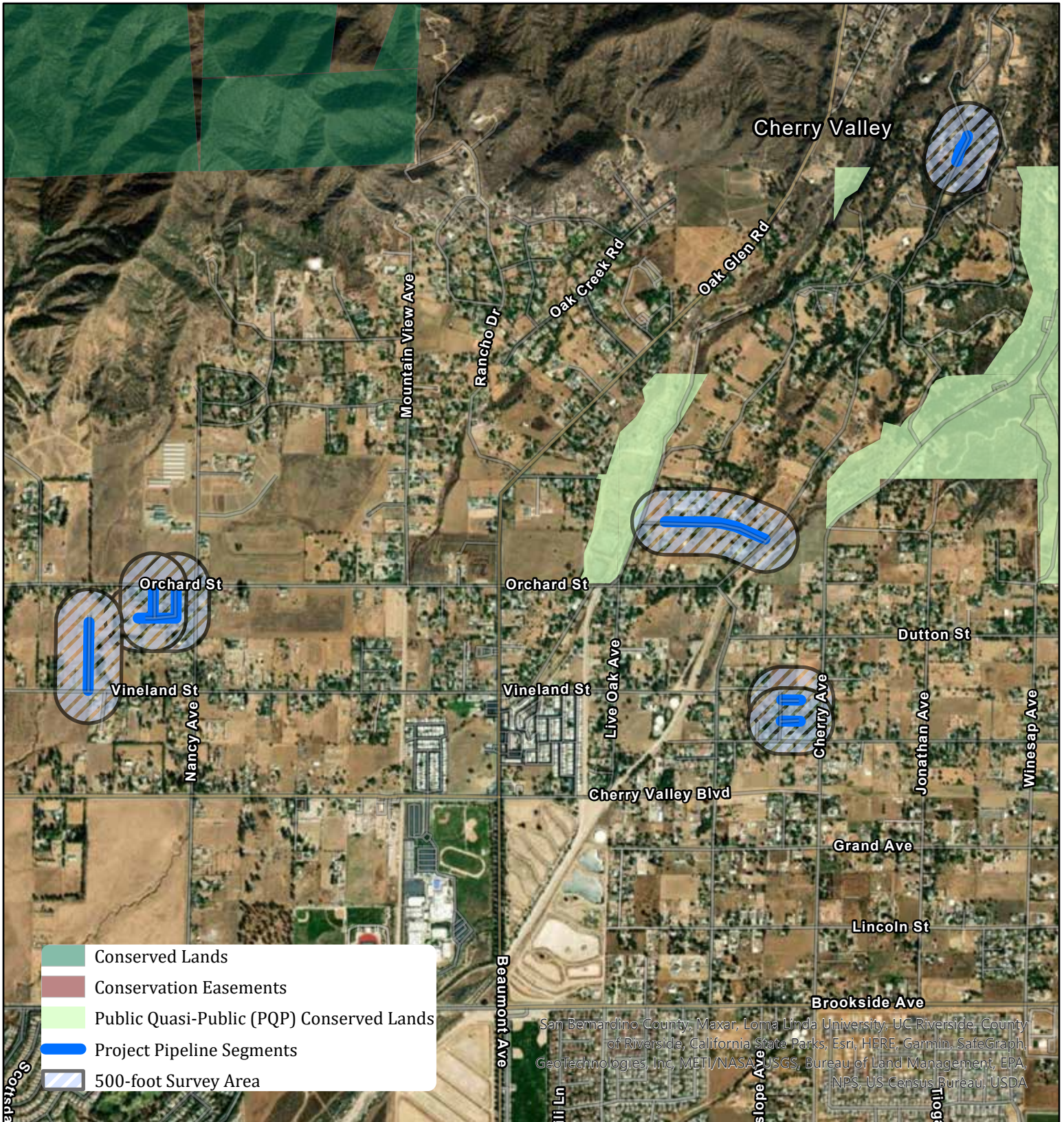
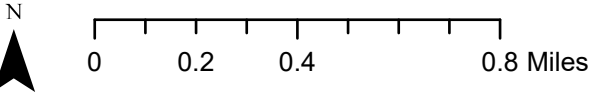
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**Figure 10 - Public Quasi-Public Lands
2020 - 2021 Pipeline Replacement**



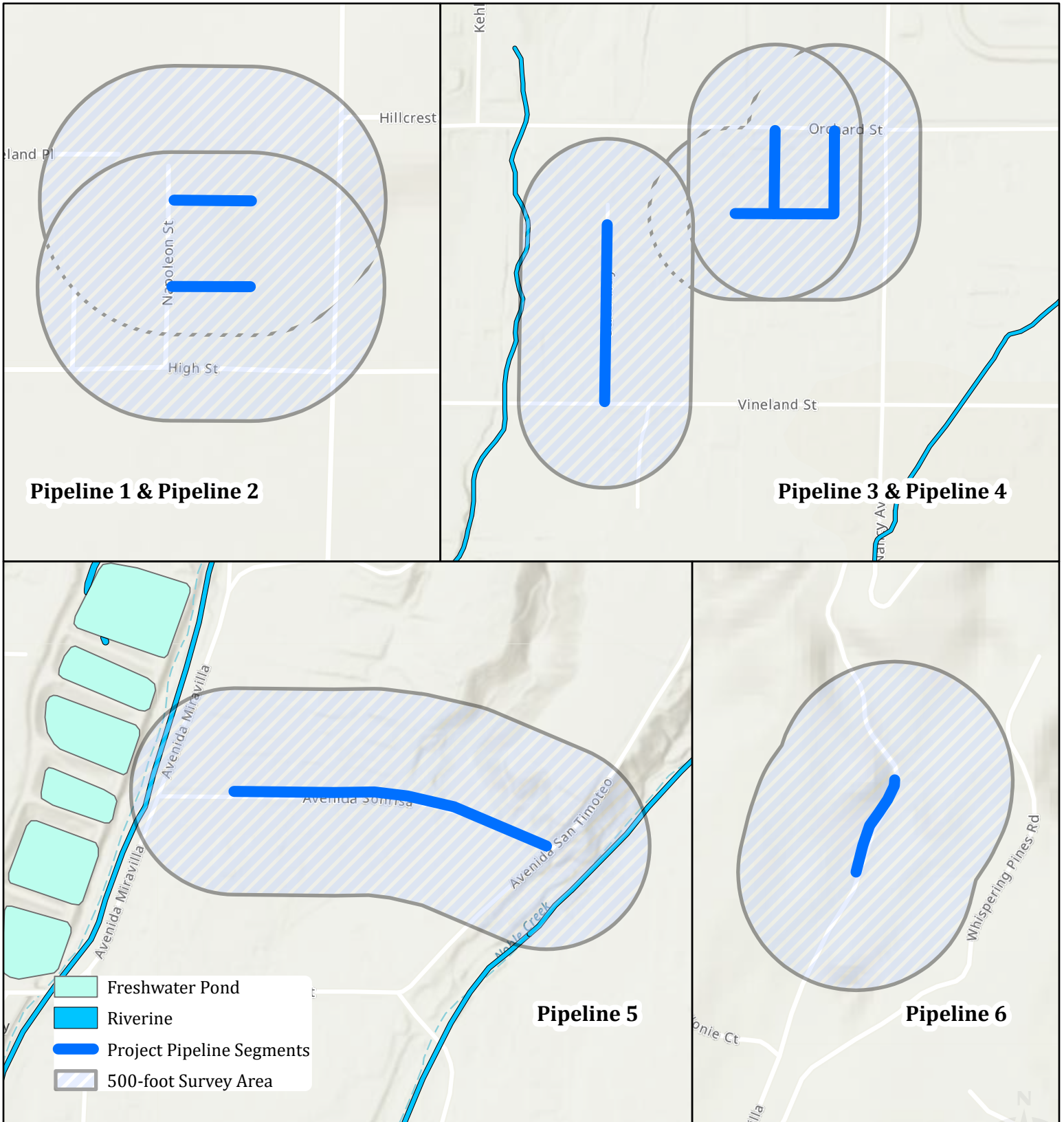
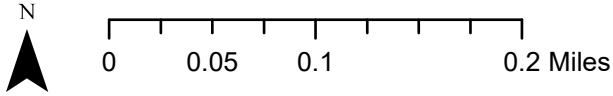
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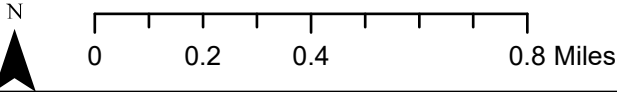
**Figure 11 - USFWS National Wetlands Inventory
2020 - 2021 Pipeline Replacement**



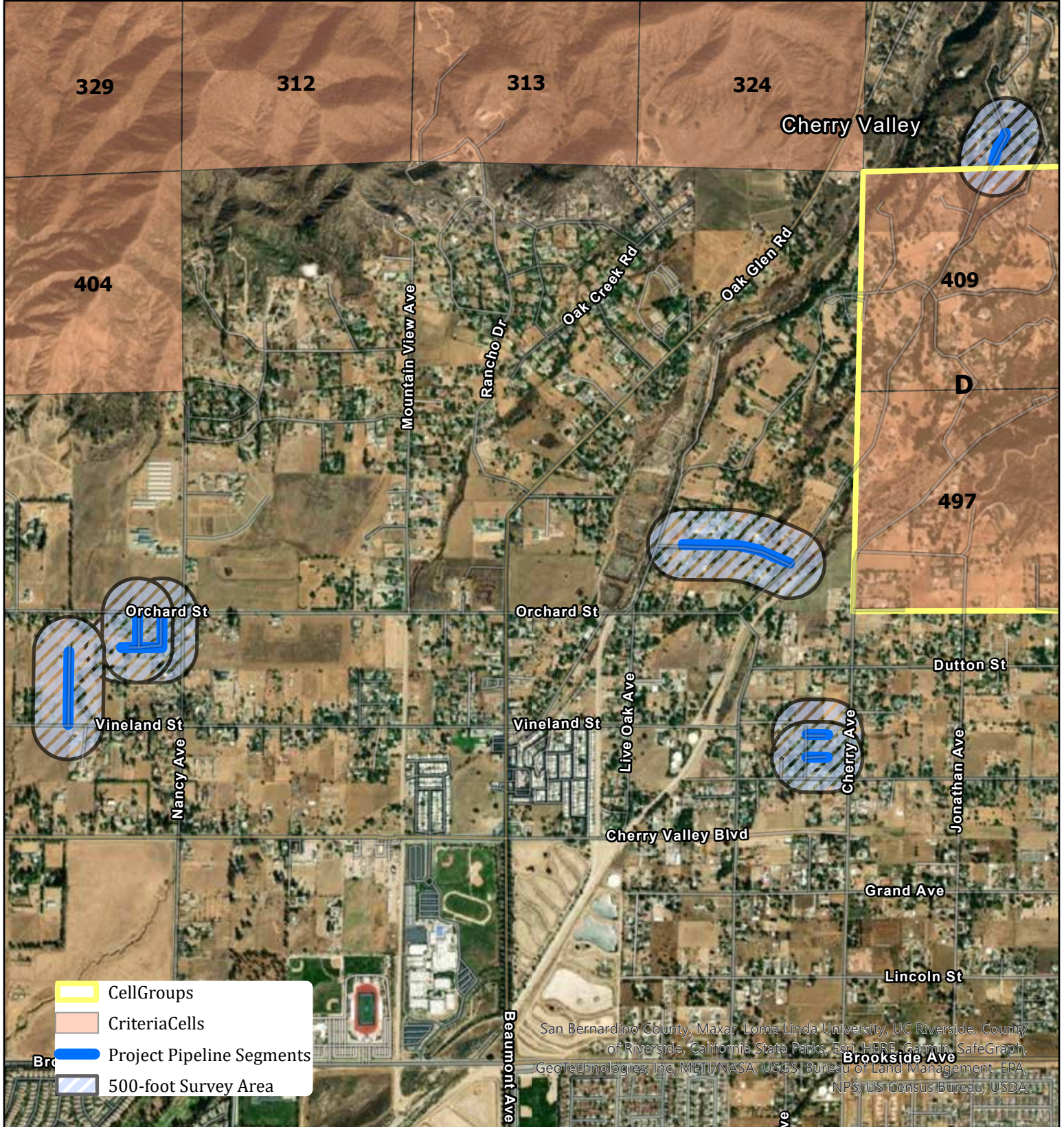
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**Figure 12 - MSHCP Criteria Areas
2020 - 2021 Pipeline Replacement**



- CellGroups
- CriteriaCells
- Project Pipeline Segments
- 500-foot Survey Area

San Bernardino County, Maxar, Loma Linda University, UC Riverside, County of Riverside, California State Parks, Esri, HERE, Garmin, SafeGraph, Geotechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

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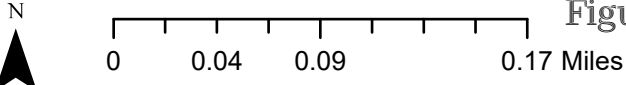
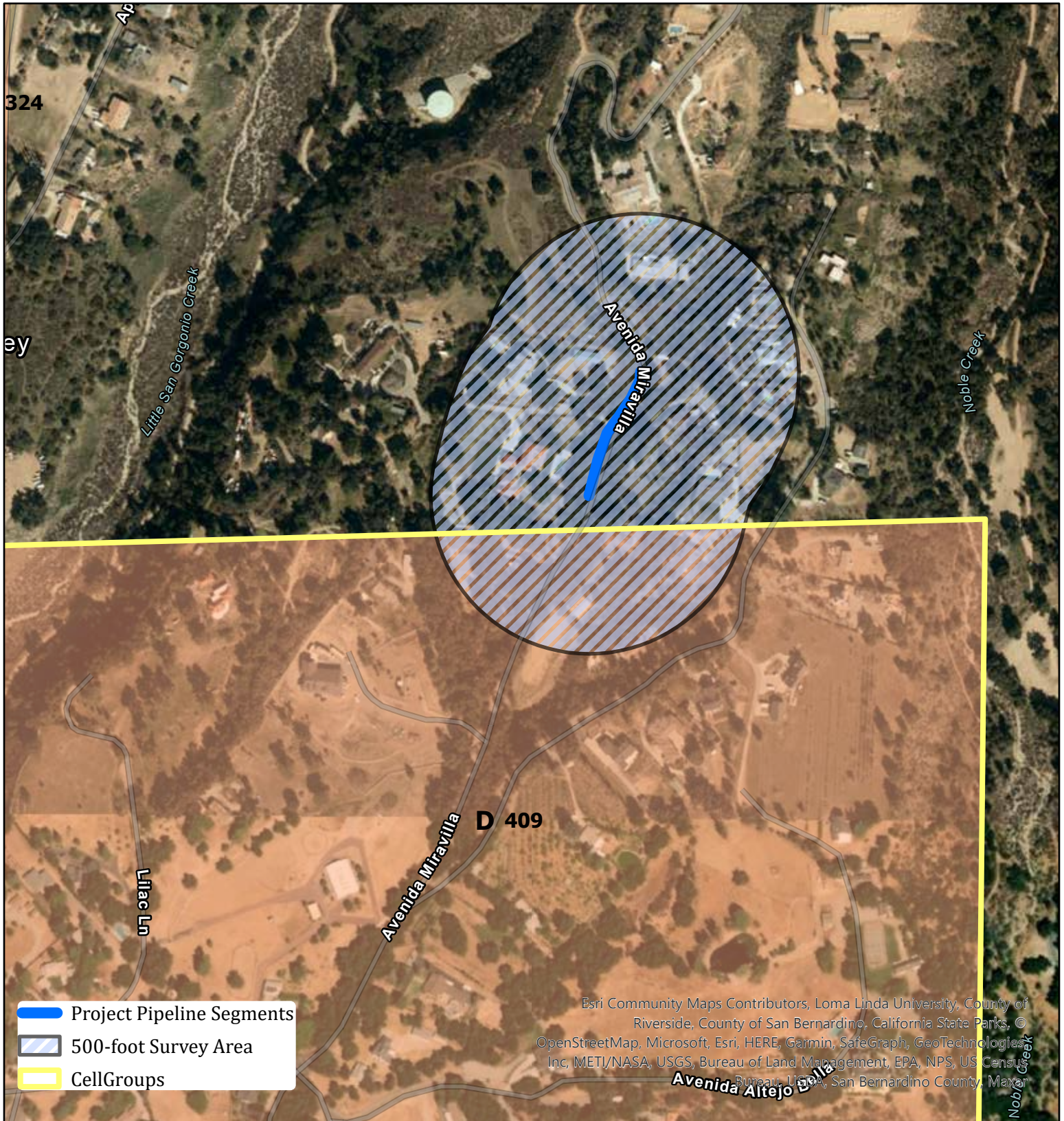





Figure 13 - MSHCP Criteria Area - Pipeline 6 Survey Area 2020 - 2021 Pipeline Replacement



-  Project Pipeline Segments
-  500-foot Survey Area
-  CellGroups

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1.0 Executive Summary

This Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Consistency Analysis (Analysis) provides the results of the required MSHCP assessments to determine if the proposed 2020 and 2021 Water Pipeline Replacement project (Project), was consistent with the goals and objectives of the MSHCP. Pipeline 1 and Pipeline 2 and their surrounding adjacent APNs do not require any focused surveys according to the RCA MSHCP Information Map.¹ Pipeline 3 located in Star Lane, Sky Lane, and View Drive will connect to a pipeline segment that runs through Orchard Street, a MSHCP designated covered road.¹ Further, APN 407-110-021 adjacent to the north of Pipeline 3 requires a MSHCP-designated assessment area for a Narrow Endemic Plant Survey for Yucaipa Onion (*Allium marvinii*) and Many-stemmed dudleya (*Dudleya multicaulis*) according to the RCA MSHCP Information Map (Table 1).¹ APN 405-160-002 and APN 405-140-003 are located within a MSHCP-designated assessment area for Burrowing Owl (*Athene cunicularia*) (BOUW) and Narrow Endemic Plant Survey Area for Yucaipa onion (*Allium marvinii*) and Many-stemmed dudleya (*Dudleya multicaulis*), which is directly south of Pipeline 4, located in Utica Way (Table 2).¹ An MSHCP-designated Covered Trail runs horizontal through Pipeline 5, located in Avenida Sonrisa.¹ APN 401-131-006 located to the northwest of Pipeline 5, APN 401-132-013 located to the north of Pipeline 5, and APNs 401-142-036 and 401-142-011 located to the east of Pipeline 5 require Narrow Endemic Plant Survey Area for Yucaipa Onion (*Allium marvinii*) and Many-stemmed dudleya (*Dudleya multicaulis*)(Table 3).¹ Additionally, the southern end of Pipeline 6 in Avenida Miravilla, is approximately 55 feet from Criteria Cell 409, Cell Group D, and Subunit 2 – Badlands/San Bernardino National Forest and adjacent to an MSHCP-designated assessment area for a Narrow Endemic Plant Survey for Yucaipa onion (*Alluim marvinii*) and Many-stemmed dudleya (*Dudleya multicaulis*) (APN 401-190-006 and APN 401-190-006) (Table 4).¹

Table 1. Pipeline 3 MSHCP Requirements for APN 407-110-021

APN 407-110-021 (Northern Adjacent Parcel)	
Roughstep	2
AP Subunit	NA
Cellgroup	Not in a Cellgroup
Criteria Cell	Not in a Criteria Cell
Survey Area - Amphibian	Not in an amphibian survey area
Survey Area – Burrowing Owl	Not in a burrowing owl survey area
Survey Area – Mammal	Not in a mammal survey area
Survey Area – Narrow Endemic Plants	Marvin’s Onion, Many-stemmed dudleya
Survey Area – Criteria Area Species	Not in a criteria area species survey area
Delhi Sands Flower-loving Fly	Not in a Delhi Sand Flower-loving fly survey area
Source: Regional Conservation Authority (2022a). “RCA MSHCP Information Map”. Website: https://wrcrca.maps.arcgis.com/apps/webappviewer/ . Accessed: July 18, 2022	

¹ Regional Conservation Authority (2022a). “RCA MSHCP Information Map”. Website: <https://wrcrca.maps.arcgis.com/apps/webappviewer/>. Accessed: July 18, 2022

Table 2. Pipeline 4 MSHCP Requirements for APN 405-140-003 and APN 405-160-020

APN	405-140-003 (Southern Adjacent Parcel)	405-160-022 (Southern Adjacent Parcel)
Roughstep	2	2
AP Subunit	NA	NA
Cellgroup	Not in a Cellgroup	Not in a Cellgroup
Criteria Cell	Not in a Criteria Cell	Not in a Criteria Cell
Survey Area - Amphibian	Not in an amphibian survey area	Not in an amphibian survey area
Survey Area - Burrowing Owl	Burrowing Owl	Burrowing Owl
Survey Area - Mammal	Not in a mammal survey area	Not in a mammal survey area
Survey Area - Narrow Endemic Plants	Marvin's Onion, Many-stemmed dudleya	Marvin's Onion, Many-stemmed dudleya
Survey Area - Criteria Area Species	Not in a criteria area species survey area	Not in a criteria area species survey area
Delhi Sands Flower-loving Fly	Not in a Delhi Sand Flower-loving fly survey area	Not in a Delhi Sands Flower-loving Fly survey area
Source: Regional Conservation Authority (2022a). "RCA MSHCP Information Map". Website: https://wrcrca.maps.arcgis.com/apps/webappviewer/ Accessed: July 18, 2022		

Table 3. Pipeline 5 MSHCP Requirements for APN 401-142-011

APN 401-142-011 (Southwest Adjacent Parcel)	
Roughstep	2
AP Subunit	NA
Cellgroup	Not in a Cellgroup
Criteria Cell	Not in a Criteria Cell
Survey Area - Amphibian	Not in an amphibian survey area
Survey Area - Burrowing Owl	Not in a burrowing owl survey area
Survey Area - Mammal	Not in a mammal survey area
Survey Area - Narrow Endemic Plants	Marvin's Onion, Many-stemmed dudleya
Survey Area - Criteria Area Species	Not in a criteria area species survey area
Delhi Sands Flower-loving Fly	Not in a Delhi Sand Flower-loving fly survey area
Source: Regional Conservation Authority (2022a). "RCA MSHCP Information Map". Website: https://wrcrca.maps.arcgis.com/apps/webappviewer/ Accessed: July 18, 2022	

Table 4. Pipeline 6 MSHCP Requirements for APN 401-170-048 and APN 401-170-070

APN	401-170-048 (Northwest Adjacent Parcel)	401-170-070 (Southwest Adjacent Parcel)
Roughstep	2	2
AP Subunit	NA	NA
Cellgroup	Not in a Cellgroup	Not in a Cellgroup
Criteria Cell	Not in a Criteria Cell	Not in a Criteria Cell
Survey Area - Amphibian	Not in an amphibian survey area	Not in an amphibian survey area
Survey Area - Burrowing Owl	Not in a burrowing owl survey area	Not in a burrowing owl survey area
Survey Area - Mammal	Not in a mammal survey area	Not in a mammal survey area
Survey Area - Narrow Endemic Plants	Marvin's Onion, Many-stemmed dudleya	Marvin's Onion, Many-stemmed dudleya
Source: Regional Conservation Authority (2022a). "RCA MSHCP Information Map". Website: https://wrcrca.maps.arcgis.com/apps/webappviewer/ Accessed: July 18, 2022		

The six pipeline segments are located in roads and not located within the MSHCP designated survey areas itself, however, a number of the APNs in the Project's 500-foot buffers are located within the survey area for Narrow Endemic Plant Survey and Burrowing Owl Survey.

The six pipeline replacement segments are located at six different sites in the unincorporated Community of Cherry Valley in Riverside County. Pipeline 1 is located in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Pipeline 2 is located in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Pipeline 3 is located in Star Lane, Sky Lane, and View Drive, a distance of approximately 390 feet for Star Lane, 390 feet for View Drive and 295 feet in length for Sky Lane. Pipeline 4 is located in Utica Way from Vineland Street to an existing in-line valve. Pipeline 5 is located in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. Pipeline 6 is located in Avenida Miravilla near Quail Road, a distance of approximately 300 feet.

The Project is located within The Pass Area Plan (PAP) in the Cherry Valley Policy Area. The Pass, or more specifically the San Gorgonio Pass Area, is a distinctive geographical area between the Coachella, San Jacinto, and Moreno Valleys and contains three Subunits.² The proposed Project was not located in a Subunit and was not located within a Criteria Cell.¹ The six pipeline segment sites are not targeted for long-term conservation as a part of the MSHCP Reserve Assembly.

Geovironment Consulting biologist conducted the habitat assessment of the six Project pipeline sites on July 21, from 7:30 a.m. - 11:00 a.m. Weather conditions during the habitat assessment were

² County of Riverside Transportation and Land Management Agency Environmental Programs Department (2003a). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP - Volumes 1 and 2. Approved June 17, 2003 (as amended).

sunny, clear skies, and temperature at 75°F (degrees Fahrenheit). The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. Notes were taken on general site conditions, vegetation, and suitability of habitat for various special-interest elements. All plant and animal species observed or otherwise detected during this field survey were noted and are listed in Appendix C.

The objective of the survey was to investigate general site conditions, general habitat, soil conditions, presence of indicator species, slope, aspect, hydrology, and to identify potentially suitable habitat areas for any special-status plant and wildlife species that may be on-site as indicated by the literature review and RCA map. Any potential sensitive habitats or areas on-site or in the immediate vicinity that could potentially support special-status floral or faunal species, as well as MSHCP species indicated in the RCA map, including burrowing owl (*Athene cunicaria*), Yucaipa onion (*Allium marvinii*), and many-stemmed dudleya (*Dudleya multicaulis*) were paid special attention to during the site assessment.

2.0 Introduction

The purpose of this Consistency Analysis (Analysis) report is to summarize the biological data for the proposed 2020 and 2021 Water Pipeline Replacement Project and to document project's consistency with the goals and objectives of the Western Riverside County Multiple Species Habitat Conservation Plan. The proposed project consists of six pipeline replacements within the community of Cherry Valley.

2.1 Project Area

The proposed Project is located within six public roads, five paved roads and one gravel road, throughout the Community of Cherry Valley in Riverside County, California. The location of the proposed Project is depicted on the U.S. Geological Survey (USGS) Beaumont, California 7.5-minute topographic quadrangle on Sections 21, 28, 27, 22, 14 and Township T2S R1W (Figure 3).

2.2 Project Location

Pipeline 1 is located in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Pipeline 2 is located in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Pipeline 3 is located in Star Lane, Sky Lane, and View Drive, a distance of approximately 390 feet for Star Lane, 390 feet for View Drive and 295 feet in length for Sky Lane. Pipeline 4 is located in Utica Way from Vineland Street to an existing in-line valve. Pipeline 5 is located in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. Pipeline 6 is located in Avenida Miravilla near Quail Road, a distance of approximately 300 feet.

2.3 Project Description

The District has identified six (6) sections of pipeline infrastructure within its service area that require replacement (Figure 4). The service area of the District covers approximately 28 square miles, and the District's sphere of influence covers approximately 37.5 square miles, virtually all of which is located within the County of Riverside, and includes the community of Cherry Valley, the City of Beaumont, and small portions of the City of Calimesa.

PIPELINE 1

Pipeline 1 scope of work includes replacing an aging 6-inch diameter steel pipeline in Lambert Road from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. The work includes abandonment of existing pipeline in Lambert Road, installing new meter services, laterals, and appurtenances (including individual service lines for each property), reconnect services to the new pipeline, remove existing blowoff valve, and replace with new fire hydrants (one located at existing blowoff location and one new hydrant at the end of the cul-de-sac). The new pipeline will connect to the existing 10-inch diameter steel pipeline located in Napoleon Street. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 2

Pipeline 2 scope of work includes replacing an aging 6-inch diameter steel pipeline in Bing Place from Napoleon Street to the end of the cul-de-sac, a distance of approximately 240 feet. Abandon the existing pipeline in Bing Place, install new meter services, laterals, and appurtenances (including individual services lines for each property), reconnect services to the new pipeline, remove existing blow off valve, and replace with new fire hydrants (one located at existing blowoff location and one new hydrant at the end of the cul-de-sac). The new pipeline will connect to the existing 10-inch diameter steel pipeline located in Napoleon Street. Said connection will require a cut-in-tie detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 3

Pipeline 3 scope of work includes replacing a series of three aging 6-inch diameter steel pipelines in Star Lane, Sky Lane, and View Drive. The existing Sky Lane and Star Lane pipelines are each connected to an existing 12-inch diameter DIP located in Orchard Street. The Star Lane pipeline is approximately 390 feet in length, the Sky Lane pipeline is approximately 395 feet in length and the View Drive pipeline is approximately 390 feet. The existing pipelines within Star Lane, Sky Lane, and View Drive are to be abandoned-in-place and the new main lines constructed adjacent to said existing pipelines. Installation of new meter services, laterals, and appurtenances shall be per District standards with individual services to each property (no split services). New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdiction agency. The new pipelines located in Star Lane and Sky Lane will connect to the existing 12-inch diameter DIP pipeline located in Orchard Street. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 4

Pipeline 4 scope of work includes replacing an 840 LF (approximate) portion of an existing 4-inch diameter high pressure steel pipeline in Utica Way from Vineland Street to an existing in-line valve (as identified by District field staff). The existing pipeline in Utica Way shall be abandoned and most likely removed with the proposed pipeline to be constructed adjacent to the existing. New water services, laterals and appurtenances shall be connected to the new pipeline. The new pipeline will connect to the existing 10-inch diameter steel pipeline located in Vineland Street. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 5

Pipeline 5 scope of work includes replacing an aging 6-inch diameter high pressure steel pipeline in Avenida Sonrisa from Avenida San Timoteo to Avenida Miravilla, a distance of approximately 1,380 feet. The existing pipeline in Avenida Sonrisa shall be abandoned-in-place and the new main line constructed adjacent to the existing. Installation of new meter services, laterals, and appurtenances to be per District standards with individual services to each property (no split services). New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdictional agency. The new pipeline will connect to the existing 6-inch diameter steel pipeline located in Avenida San Timoteo and the existing 6-inch diameter Asbestos-Cement pipe (ACP) pipeline located approximately 700-feet east of Avenida Miravilla. Said connection will require a cut-in tee detail, as provided by the District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down.

PIPELINE 6

Pipeline 6 scope of work includes replacing an aging 6-inch diameter steel pipeline in Avenida Miravilla from the existing 6-inch tee connection located near Quail Road (Private) to the existing blowoff valve in Avenida Miravilla, a distance of approximately 300 feet. The existing pipeline in Avenida Miravilla shall be abandoned and most likely removed with the proposed pipeline to be constructed adjacent to the existing. Installation of new meter services, laterals, and appurtenances to be per District standards with individual services to each property (no split services). New fire hydrants shall be located and included as part of the design in accordance with fire department standards, coordinated with District staff, and approved by the jurisdictional agency. The new pipeline will connect to the existing 6-inch diameter ACP pipeline located near Quail Road. Said connection will require a cut-in tee detail, as provided by District staff. Coordination with property owners will be required during construction due to the existing pipeline potentially being shut down. Avenida Miravilla is a relatively narrow road and is lined with large coast oak trees, so particular attention should be paid to ensure that an alignment can be determined with no impact to trees.

2.4 Covered Roads

The Project does not propose the construction of or the improvements to MSHCP covered roads. However, Pipeline 3 will tie into a segment of pipeline under Orchard Street, a secondary MSHCP-designated covered road from Sky Lane and Star Lane.¹ Best Management Practices (BMPs), described below, would minimize indirect construction impacts.

2.5 Covered Public Access Activities

The Project does not entail the construction of, or improvements to, a Covered Public Access Facility. Pipeline 3 will tie into a segment of pipeline under Orchard Street, a secondary MSHCP-designated covered road. No MSHCP designated Covered Roads are located near Pipelines 1, 2, 4, 5, and 6. Best Management Practices (BMPs), described below, would minimize indirect construction impacts.

2.6 General Setting

The area surrounding the six Project sites includes mostly residential uses, public roads, and some agriculture uses.

PIPELINE 1&2

The areas to the north, south, east and west of Pipeline 1 and Pipeline 2 consists of single-family residential houses (R-1) and are designated medium density residential (MDR) land use. Napoleon Street is located to the west of the proposed Pipeline 1 and Pipeline 2. Pipeline 1 sits at approximately 2893 feet above mean sea level (amsl). Pipeline 2 sits at approximately 2878 feet amsl. Noble Creek is located to the west of Pipeline 1 approximately 0.25 miles away and to the west of Pipeline 2 approximately 0.28 miles away. Soils within the limits of work consist of Tujunga gravelly loamy sand, 0 to 8 percent slopes (TwC)³ (Figure 6).

PIPELINE 3

The area to the north of Pipeline 3 is zoned for light agriculture with poultry (A-P) and R-A-5, residential agriculture and is designated very low density residential (RC-VLDR) land use. The area to the south of the pipeline is zoned for single-family residential houses (R-1) and is designated medium density residential (MDR) land use. The areas to the east and west of Pipeline 3 are zoned A-1-1, light agriculture and are designated very low density residential (RC-VLDR). Pipeline 3 sits at approximately 2752 feet amsl. Soils within the limits of work consist of Greenfield sandy loam, 2 to 8 percent slopes (GyC2), Hanford course sandy loam, 2 to 8 percent slopes (HcC), and Greenfield sandy loam, 8 to 15 percent slopes (GyD2)³ (Figure 6).

PIPELINE 4

The areas to the north, east, south, and west of Pipeline 4 are zoned A-1-1, light agriculture and are designated very low density residential (RC-VLDR) land use. Vineland Street sits perpendicular to Utica Way, the road Pipeline 4 will be located in. Pipeline 4 sits at approximately 2740 feet amsl. Soils within the limits of work consist of Ramona sandy loam, 2 to 5 percent slopes, eroded (RaB2), Greenfield sandy loam, 8 to 15 percent slopes (GyD2), and Hanford course sandy loam, 2 to 8 percent slopes (HcC)³ (Figure 6).

PIPELINE 5

The areas to the north, south, and east of Pipeline 5 are zoned R-A-1, residential agriculture and are designated as very low density residential (RC-VLDR) land use. The area to the northeast is zoned for light agriculture (A-1-1) and designated as very low density residential (RC-VLDR) land use. The area to the west is zoned for controlled development areas (W-2) and is designated as rural residential (R-R) land use. Noble Creek is located approximately 140 feet east to the most eastern portion of the pipeline location. Little San Gorgonia Creek is located approximately 405 feet west from the most western portion of the pipeline location. Pipeline 5 sits at approximately 2924 feet amsl. Soils within the limits of work consist of Terrace escarpments (TeG), Hanford course sandy loam, 2 to 8 percent slopes (HcC), Greenfield Sandy loam, 2 to 8 percent (GyC2) and, Tujunga loamy sand, channeled, 0 to 8 percent slopes (TvC)³ (Figure 6).

PIPELINE 6

³ Soil Survey Staff, Natural Resource Conservation Service (2019). United States Department of Agriculture (USDA) NCRS Web Soil Survey App, Survey Area (SSURGO). Website: <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx> Accessed: July 18, 2022

The areas to the north, west, and east of Pipeline 6 are zoned for single family residential (R-1-1) and are designated as very low density residential (RC-VLDR) land use. The area to the south of Pipeline 6 is zoned for residential agriculture (R-A-1) and is designated very low density residential (RC-VLDR) land use. Pipeline 6 sits at approximately 3,308 feet amsl. Little San Gorgonio Creek is located approximately 0.27 miles to the northwest from the pipeline location. Noble Creek is located to the east of the Project site approximately 0.2 miles to the southeast from the pipeline location. Soils within the limits of work consist of Terrace escarpments (TeG)³ (Figure 7).

Figure 2 – Vicinity and Aerial Photograph depicts the general setting of the Project area.

3.0 Reserve Assembly Analysis

The MSHCP “is a comprehensive, multi-jurisdictional Habitat Conservation Plan (HCP) focusing on Conservation of species and their associated Habitats in Western Riverside County.”² The MSHCP encompasses approximately 1.26 million acres of land that stretches from the crest of San Jacinto Mountains west to the Orange County boundary. Ultimately, the MSHCP will result in the conservation of more than 500,000 acres (347,000 acres on existing Public/Quasi-Public Lands [PQP] and 153,000-acres of Additional Reserve Lands [ARL] that focuses on the 146 species covered by the MSHCP.²

The Project is located in the northern region of The Pass Area Plan.⁴ The target conservation acreage range for The Pass Area Plan is 22,510 – 27,895 acres; it is composed of approximately 13,970 acres of existing Public Quasi-Public Lands and 8,540 – 13,925 acres of ARL.⁴ The City of Banning, City of Beaumont, and City of Calimesa sit entirely within The Pass Area Plan.⁴ The Pass Area Plan is divided into three Subunits. For each Subunit, target conservation acreages are established along with a description of the Planning Species, Biological Issues and Considerations, and Criteria for each Subunit.⁴

Project Pipeline 6 is located approximately 55 feet to the north of Criteria Cell 409, Cell Group D, USGS Section 23, and Subunit 2 – Badlands/San Bernardino National Forest.¹ Conservation within this Cell Group will contribute to assembly of Existing Noncontiguous Habitat Block B. Conservation within this Cell Group will focus on woodlands and forests and chaparral. Conservation within this Cell Group will range from 5% - 15% focusing on the northern portion of the Cell Group.⁴ Subunit 2: Badlands/San Bernardino National Forest target acreage for ARL within the Subunit is 1,105 – 2,195 acres. Planning species for Subunit 2 include Bell’s sage sparrow (*Artemisiospiza belli*), bobcat (*lynx rufus*), Los Angeles pocket mouse (*Perognathus longimembris brevinasus*) and San Bernardino mountain kingsnake (*Lampropeltis zonata*).⁴

Although Project Pipeline 6 is located 55-feet to the north from Criteria Cell 409, Cell Group D, USGS Section 23, and Subunit 2 – Badlands/San Bernardino National Forest, the Project will not permanently impact the habitat in Cell 409 or have a long-term effect on the cell’s conservation goals.

⁴ County of Riverside Transportation and Land Management Agency (2003). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP – Volumes 1 and 2. Approved June 17, 2003 (as amended), Section 3.3.10 The Pass Area Plan.

3.1 Public Quasi-Public Lands

3.1.1 Public Quasi-Public Lands in Reserve Assembly Analysis

The Project will not directly or indirectly impact Public-Quasi-public (PQP) Conserved Lands. The limits of work are adjacent to, but do not extend into PQP lands (Figure 10).

PIPELINE 1. The nearest PQP Lands were located approximately 0.5 miles to the northwest of Pipeline 1.¹

PIPELINE 2. The nearest PQP Lands were located approximately 0.53 miles to the northwest of Pipeline 2.¹

PIPELINE 3. The nearest PQP Lands were located approximately .096 miles to the east of Pipeline 3.¹

PIPELINE 4. The nearest PQP Lands were located approximately 1.17 miles to the northeast of Pipeline 4.¹

PIPELINE 5. The nearest PQP Lands were located approximately 350 feet to the west of Pipeline 5.¹

PIPELINE 6. The nearest PQP Lands were located approximately 0.14 miles to the southeast of Pipeline 6.¹

3.1.2 Project Impacts to Public Quasi-Public Lands

The proposed Project will not directly impact Public/Quasi-public lands. Construction activities have the potential to indirectly impact wildlife using this area. Best Management Practices (BMPs), described below, would minimize these indirect impacts.

4.0 Vegetation Mapping

4.1 Methods

Prior to performing the habitat assessment, a literature review was conducted of the environmental setting of the Project site. This included a review of the most recent records of the California Natural Diversity Database (CNDDDB) managed by the California Department of Fish and Wildlife (CDFW 2022) and the CNPS Electronic Inventory (CNPSEI) of Rare and Endangered Vascular Plants of California (2022) for the Beaumont, California United States Geological Survey (USGS) 7.5-minute topographic quadrangle map (2021). The literature review also included the United States Department of Agriculture (USDA 1971) Soil Survey for the Project site (Figure 7). The Regional Conservation Authority MSHCP Information Map was reviewed for the Project's surrounding APNs because the Project pipelines are located under public roads and to determine if the Project falls within a required survey area for the Western Riverside County MSHCP. The results of the literature review are located in Appendix B to this report.

A Geovironment biologist reviewed current Beaumont, California USGS 7.5-minute topographical quadrangle maps and aerial photographs as a preliminary analysis of the existing conditions within the Project site and immediate vicinity. Aerial photographs that provide the most current site conditions relative to on-site and off-site land use, plant community locations, and potential locations of wildlife movement corridors were reviewed prior to the site visit.

The habitat assessment for the six pipeline replacement locations was conducted on July 21, 2022 from 7:30 a.m. – 11:00 a.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 75 °F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites.

A brief description of the vegetation communities/land covers present on the Project is presented below. The distribution of vegetation communities and land covers on the six Project sites are depicted on Figure 5. A complete list of the flora observed on the Project is provided in Appendix C, and a complete list of the fauna observed on, above or near the Project is provided in Appendix C.

4.2 Existing Conditions and Results

The six pipeline segments proposed to be replaced are located under public road. The soils are paved over. According to the literature search, seven types of soils are found on the six project sites.³ Based on the database review and field survey no natural communities of special concern or aquatic resources subject to the United States Army Corps of Engineers (Corps), Regional Water Quality Control Board (RWQCB), or CDFW jurisdictions are present in the study area.⁵ The term “Critical Habitat” applies to areas designated by the USFWS to be of biological importance to Federally-listed species. No sensitive vegetation communities/habitat types occur within the Project area.

PIPELINE 1

Pipeline 1 is bordered by residential landscaping consisting of ornamental shrubs and irrigation infrastructure. The road is paved and will be repaved once construction of the pipeline replacement is completed. There are no trees on the site. The 500-foot buffer surrounding the site is largely composed of paved roadways, development, and ornamental landscaping associated with surrounding development. The 500-foot buffer area is composed of the Urban/Developed/Disturbed Land and also described below.

The vegetation community of the surrounding site consist of General Barren and was mapped Urban/Developed Disturbed land cover. The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consisted of TwC (Figure 6).

PIPELINE 2

Pipeline 2 is bordered by residential landscaping consisting of ornamental shrubs and irrigation infrastructure. The road is paved and will be repaved once construction of the pipeline replacement is completed. There are no trees on the site. The 500-foot buffer surrounding the site is largely composed of paved roadways, development, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area is composed of General Barren vegetation, also described below.

The vegetation community of the surrounding site consist of General Barren and was mapped Urban/Developed Disturbed land cover. The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consisted of TwC (Figure 6).

⁵ United States Fish and Wildlife Service (USFWS). 2022b. National Wetlands Inventory website. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. Available at <http://www.fws.gov/wetlands/>. Accessed, June 2, 2022.

PIPELINE 3

Pipeline 3 runs through three paved public roads, Sky Lane, Star Lane, and View Drive. The roads are bordered by residential landscaping consisting of ornamental shrubs and irrigation infrastructure. The roads are paved and will be repaved once construction of the pipeline replacement is completed. There are no trees on the site. The 500-foot buffer surrounding the site is largely composed of paved roadways, development, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area is composed of the General Barren vegetation and was mapped Annual Grassland, Perennial grasses and herbs land cover, also described below.

The vegetation communities of the surrounding site include Urban/Developed/Disturbed Land. The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consist of GyC2, HcC, and GyD2 (Figure 6).

PIPELINE 4

Pipeline 4 runs through a rough graded, gravel road, in Utica Way. The segment is bordered by rural residential and agricultural use lots. The east of the pipeline segment has native shrubs incorporated in the residence landscaping, coast live oak, mountain mahogany, and manzanita. The segment was comprised of gravel, bare ground, and a sparse cover of invasive species including Russian thistle, California black mustard, and yellow starthistle. There are no trees located on the segment. The Project site is predominantly composed of Urban/Developed/Disturbed land cover type, which is described in detail below. The 500-foot buffer area surrounding the Project site is largely composed of paved roadways, residential development, non-native grass fields, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area is composed of General Barren vegetation and was mapped Urban/Developed/Disturbed Land cover, also described below.

The vegetation communities of the site consist of Urban and General Barren land. The proposed Project will not remove any trees, however, will remove some vegetation on-site during excavation. Soils within the limits of work consist of RaB2, GyD2, and HcC (Figure 6).

PIPELINE 5

Pipeline 5 runs through a paved public road, Avenida Sonrisa. The pipeline segment is bordered by residential landscaping consisting of ornamental shrubs and irrigation infrastructure. The road the pipeline replacement will be under will be repaved following completion of construction. The 500-foot buffer area surrounding the Project site is largely composed of roadways, development, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area is mapped to be composed of Urban, General Barren vegetation, Coastal scrub consisting of Riversidean alluvial scrub and Chamise, Coastal oak woodland, and Annual Grassland consisting of perennial grasses and herbs as well as Urban/Developed vegetation types, also described below. The proposed Project will not remove any vegetation on site.

The Project site is composed of Urban/Developed/Disturbed Land and General Barren vegetation, which is described below. Soils within the limits of work consist of TeG, HcC, GyC2, and, TvC (Figure 6).

PIPELINE 6

Pipeline 6 runs through a portion of a paved, public road, Avenida Miravilla and is bordered by coast live oaks, residential landscaping, and irrigation infrastructure. The roadway the pipeline replacement will be within, will be repaved following completion of construction. The 500-foot buffer area surrounding the Project site is largely composed of roadways, residential development, coastal oak, coastal scrub, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area vegetation is composed of Coastal Oak Woodland, Coastal Scrub consisting of Chamise, and Urban/General Barren land cover, also described below. The proposed Project will not remove any vegetation on site.

The Project site is predominantly composed of Coastal Oak Woodland, which is described below. Soils within the limits of work consist of TeG (Figure 7).

4.3 Urban

This category applies to landscapes that are dominated by urban structures, residential units, or other developed land use elements such as highways, city parks, cemeteries and the like. In those cases in which the managed landscapes may have a considerable vegetation component, other land use categories may be more appropriate, such as Ornamental Conifer and Hardwood mixtures within city parks. Much of the landscape in southern California has been mapped in this category.⁶

4.3.1 General Barren

Landscapes generally devoid of vegetation as seen from a high-altitude image source such as aerial photography are labeled as Barren. This category includes mappable landscape units in which surface lithology is dominant, such as exposed bedrock, cliffs, interior sandy or gypsum areas, and the like. It does not include areas considered as modified or developed, as in urban areas, but may include quarries and mine sites.⁶

4.4 Annual Grassland

Annual Grassland habitats are open grasslands composed primarily of annual plant species. Annual Grassland habitat occur mostly on flat plains to gently rolling foothills.

4.3.1 Perennial Grasses and Forbs

Pockets of perennial grasses, often native species, and herbaceous plants occur abundantly in the Coast Section and occasionally in the Mountains Section at elevations generally below 5200 ft (1586 m). This Alliance forms on seasonally moist, low-gradient slopes. It is a form of dry to moist grassland in which the species composition is a mix of perennial and some annual grasses and legumes that vary according to management practices. Native perennial grasses such as Needlegrass (*Achnatherum* spp.) may occur in addition to Dropseed (*Sporobolus* spp.), Squirreltail (*Elymus elymoides*), and Wildrye (*Leymus* spp.). Introduced perennials such as Foxtail (*Alopecurus myosuroides*) and Tall Fescue (*Festuca arundinacea*) may be present with non-native forbs such as Strawberry Clover (*Trifolium fragiferum*) and non-native annual grasses such as Foxtail Chess (*Bromus madritensis*) and Ripgut Grass (*Bromus diandrus*) in this type. Some native forbs such as Southern Mules Ears (*Wyethia ovata*) may be found in this type as well. Some of these areas are currently being used for livestock pasture where the type intergrades with the Annual Grasses and Forbs Alliance.⁶

⁶ USDA - Forest Service (2009). USDA-Forest Service, Vegetation Classification & Mapping, "Vegetation Descriptions South Coast and Montane Ecological Province CALVEG Zone 7".

4.4 Coastal Scrub

Structure of the plant associations that comprise Coastal Scrub is typified by low to moderate-sized shrubs with mesophytic leaves, flexible branches, semi-woody stems growing from a woody base, and a shallow root system (Harrison et al. 1971, Bakker 1972).⁶

4.4.1 Riversidean Alluvial Scrub

Alluvial fans and dry washes in xeric, interior areas of the Montane Section close to developed areas may contain a mixture of species, of which Scalebroom (*Lepidospartum squamatum*), California Buckwheat (*Eriogonum fasciculatum*), California Sagebrush (*Artemisia californica*), White Sage (*Salvia apiana*), and *Encelia* spp., may be prominent. Since the history of ground disturbance is a factor in the species composition of the Riversidean Alluvial Scrub Alliance, other species may also occur, including *Opuntia* spp., Chaparral Yucca (*Yucca whipplei*), *Rhus* spp., and California Juniper (*Juniperus californica*). It has been mapped as patchy areas of San Bernardino and Riverside Counties at elevations up to about 5000 ft (1524 m) on lowgradient slopes. In the Coast Section, where the alliance has also been mapped, these sites are usually sandy washes with episodic flood patterns. In species composition and geographic proximity, the Riversidean Alluvial Scrub Alliance merges with the California Buckwheat and California Sagebrush Alliances and takes its name from a type named by Robert Holland ("Holland type") in the mid-1980s.⁶

4.4.2 Chamise

Chamise (*Adenostoma fasciculatum*), a shade-intolerant, relatively long-lived but fire-sensitive evergreen shrub, is considered to be the most characteristic and widely distributed chaparral species in California's foothills and coastal mountains. As a dominant shrub identifying this alliance, it often develops on sites that are harsher in terms of having shallow soils, recent fire disturbance, or having more xeric or sunnier environments (e.g., south facing slopes) than the adjacent Lower Montane Mixed Chaparral Alliance. Chamise appears to be affected by extreme winter temperatures, which limits its distribution in colder climates to the north and east, its natural range being from Mendocino County to Baja California, east to the Sierra Nevada foothills and west to the Channel Islands. This type has been mapped extensively in the Coast and Mountains Sections within twenty-four subsections, occupying most aspects and slope gradients. The elevation of these sites are generally below about 4800 ft (1464 m) in the Coast Section, and somewhat higher in interior sites of the Mountains Section. It grades into the Redshank (*Adenostoma sparsifolium*) Alliance in the Palomar Mountains in San Diego County and areas near the San Jacinto Mountains of Riverside County and elsewhere with the California Buckwheat (*Eriogonum fasciculatum*) and Annual Grasses and Forbs Alliances. Very little other vegetation is found on these sites but Chaparral Yucca (*Yucca whipplei*) often occurs on more open sites and Coast Live Oak (*Quercus agrifolia*) is sometimes present in the immediate vicinity.⁶

4.5 Coastal Oak Woodland

Coastal oak woodlands are extremely variable. The overstory consists of deciduous and evergreen hardwoods (mostly oaks 4.5-21 m) 15 to 17 feet tall sometimes mixed with scattered conifers. In mesic sites, the trees are dense and form a closed canopy. In drier sites, the trees are widely spaced, forming an open woodland or savannah. The understory is equally variable. In some instances, it is composed of shrubs from adjacent chaparral or coastal scrub which forms a dense, almost impenetrable understory. More commonly, shrubs are scattered under and between trees. Coastal oak woodlands are common to mesic coastal foothills of California.⁶

Table 5. Land Covers/Vegetation

Pipeline	Vegetation Within Limits of Work	Vegetation within 500-foot Survey Buffer
1	Urban/Developed/Disturbed	Urban/Developed/Disturbed
2	Urban/Developed/Disturbed	Urban/Developed/Disturbed
3	Urban/Developed/Disturbed	Urban/Developed/Disturbed
4	Urban/Developed/Disturbed	Urban/Developed/Disturbed; Annual Grassland
5	Urban/Developed/Disturbed	Coastal Scrub – Riversidean Alluvial Scrub; Coastal Oak Woodland; Annual Grassland; Coastal Scrub - Chamise
6	Coastal Oak Woodland	Coastal Oak Woodland; Urban/Developed/Disturbed; Coastal Scrub - Chamise

Source: Regional Conservation Authority (2022a). “RCA MSHCP Information Map”. Website: <https://wrcrca.maps.arcgis.com/apps/webappviewer/> Accessed: July 18, 2022

Table 6. NRCS Soils Within the Limits of Work

Pipeline	Soil Type
1	TwC - Tujunga gravelly loamy sand, 0 to 8 percent slopes
2	TwC – Tujunga gravelly loamy sand, 0 to 8 percent slopes
3	GyC2- Greenfield sandy loam, 2 to 8 percent slopes
3	HcC – Hanford course sandy loam, 2 to 8 percent slopes
3	GyD2 – Greenfield sandy loam, 8 to 15 percent slopes
4	RaB2 – Ramona sandy loam, 2 to 5 percent slopes, eroded
4	GyD2 – Greenfield sandy loam, 8 to 15 percent slopes
4	HcC – Hanford course sandy loam, 2 to 8 percent slopes
5	TeG - Terrace escarpments
5	HcC - Hanford course sandy loam, 2 to 8 percent slopes
5	GyC2 -Greenfield sandy loam, 2 to 8 percent
5	TvC – Tujunga loamy sand, channeled, 0 to 8 percent slopes
6	TeG - Terrace escarpments

Source: Soil Survey Staff, Natural Resource Conservation Service (2019). United States Department of Agriculture (USDA) NCRS Web Soil Survey App, Survey Area (SSURGO). Website: <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx> Accessed: July 18, 2022

5.0 Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools

5.1 Riparian/Riverine Areas

5.1.1 Methods

Prior to conducting the habitat assessment, Geovironment biologist reviewed the Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, and Google Earth to identify any potential natural drainage features and water bodies.

The RCA map did not indicate MSHCP riparian or riverine features as part of the information provided for each adjacent parcel to the pipeline segment.¹ An assessment of MSHCP riparian and riverine features was conducted as part of the habitat assessment.

The habitat assessment for the six pipeline replacement locations was conducted on July 21, 2022 from 7:30 a.m. – 11:00 a.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 75°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. The literature search yielded no riparian or riverine features at any of the six pipeline segments, therefore a comprehensive protocol-level survey for such features was not necessary.

5.1.2 Existing Conditions and Results

The USFWS National Wetlands Inventory Map of the Project sites indicates that the Project sites contain no wetlands or other hydrological features that meet criteria as waters of the United States.⁷ No hydrological features or MSHCP riparian/riverine features were observed within the proposed Project's six locations during the habitat assessment. The six pipeline replacement segments are located under roadways and the adjacent and surrounding areas are mainly residential uses.

PIPELINE 1

The vegetation community of the site consist of General Barren, Urban/Developed Disturbed land vegetation (Table 5). The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consisted of TwC (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site.

PIPELINE 2

The vegetation community of the site consist of General Barren, Urban/Developed Disturbed land vegetation (Table 5). The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consisted of TwC (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site.

PIPELINE 3

The vegetation communities of the site include Urban/Developed/Disturbed Land. The proposed Project will not remove any vegetation on site or in the surrounding area. The 500-foot buffer area is composed of the Urban vegetation and Annual Grassland, Perennial grasses, and herbs land cover (Table 5). Soils within the limits of work consist of GyC2, HcC, and GyD2 (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site.

PIPELINE 4

The vegetation communities of the site consist of Urban land. The proposed Project will not remove any trees, however, will remove some vegetation on-site. The 500-foot buffer area is composed of General Barren, Urban/Developed/Disturbed Land vegetation types (Table 5). Soils within the limits of work consist of RaB2, GyD2, and HcC (Table 6). There are no MSHCP riparian/riverine features on the sites, however USFWS NWI maps indicate a riverine wetland type feature located approximately 450 feet to the west of the Project pipeline (Figure 12). The Project site is separated from the feature by rural residential development and fencing.

⁷ United States Fish and Wildlife Service (USFWS). 2022a. National Wetlands Inventory website. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. Available at <http://www.fws.gov/wetlands/>. Accessed, July 18, 2022

PIPELINE 5

The Project site is composed of Urban/Developed/Disturbed Land and General Barren vegetation. The 500-foot buffer area is composed of Urban, General Barren vegetation, Coastal scrub consisting of Riversidean alluvial scrub and Chamise, Coastal oak woodland, and Annual Grassland consisting of perennial grasses and herbs as well as Urban/Developed vegetation types (Table 5). The proposed Project will not remove any vegetation on site. Soils within the limits of work consist of TeG, HcC, GyC2, and, TvC (Table 6). There are no MSHCP riparian/riverine features on the sites, however USFWS NWI maps indicate a riverine wetland type feature located approximately 388 feet to the west of the Project pipeline western end and another approximately 225 feet to the east of the Project Pipeline eastern end (Figure 12). The Project site is separated from the feature by public roads and residential development.

PIPELINE 6

The Project site is predominantly composed of Coastal Oak Woodland. The 500-foot buffer area surrounding the Project site is largely composed of roadways, residential development, coastal oak, coastal scrub, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area vegetation is composed of Coastal Oak Woodland, Coastal Scrub consisting of Chamise, and Urban/General Barren land cover (Table 5). The proposed Project will not remove any vegetation on site. Soil within the limits of work consist of TeG (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site.

5.1.3 Impacts

The proposed Project will not affect jurisdiction, riparian, or riverine features as none are located on-site. Pipeline 4 and Pipeline 5 are separated from riverine features, located within their respective 500-foot survey areas, by residential development, public roads, and fencing. The scope of work included replacing six pipelines located within roadways that will be repaved following construction. The proposed Project will not directly or indirectly effect MSHCP riparian/riverine features.

5.1.4 Mitigation

The proposed Project will not affect jurisdictional, riparian, or riverine features as none are located on-site. No mitigation is required. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), located in Section 10 of this report, to avoid any potential direct or indirect riparian/riverine features surrounding the Project area.

5.2 Vernal Pools

5.2.1 Methods

As previously discussed, prior to conducting the habitat assessment, Geovironment biologist reviewed Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, and Google Earth to identify any potential natural drainage features and water bodies, including vernal pools. Aerial photographs and digital map imagery were researched for vernal pools prior to the field survey.

The habitat assessment for the six pipeline replacement locations was conducted on July 21, 2022 from 7:30 a.m. – 11:00 a.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 75 F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. An assessment of potential jurisdictional features was conducted during the habitat assessment, including vernal pools.

5.2.2 Existing Conditions and Results

The USFWS National Wetlands Inventory Map of the Project sites indicates that the Project sites contain no wetlands or other hydrological features that meet criteria as waters of the United States (Figure 12). The six pipeline replacement segments are located under roadways and the surrounding lots are mainly residential uses. No hydrological features or MSHCP riparian/riverine features were observed within the proposed Project, however USFWS NWI Map indicated riverine features within the Pipeline 4 and Pipeline 5 500-foot survey buffers. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

PIPELINE 1

The vegetation community of the site consist of General Barren, Urban/Developed Disturbed land vegetation (Table 5). The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consisted of TwC (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

PIPELINE 2

The vegetation community of the site consist of General Barren, Urban/Developed Disturbed land vegetation (Table 5). The proposed Project will not remove any vegetation on site or in the surrounding area. Soils within the limits of work consisted of TwC (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

PIPELINE 3

The vegetation communities of the site include Urban/Developed/Disturbed Land. The proposed Project will not remove any vegetation on site or in the surrounding area. The 500-foot buffer area is composed of the Urban vegetation and Annual Grassland, Perennial grasses, and herbs land cover (Table 5). Soils within the limits of work consist of GyC2, HcC, and GyD2 (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

PIPELINE 4

The vegetation communities of the site consist of Urban land. The proposed Project will not remove any trees, however, will remove some vegetation on-site. The 500-foot buffer area is composed of General Barren, Urban/Developed/Disturbed Land vegetation types (Table 5). Soils within the limits of work consist of RaB2, GyD2, and HcC (Table 6). There are no MSHCP riparian/riverine features on the sites, however USFWS NWI maps indicate a riverine wetland type feature located

approximately 450 feet to the west of the Project pipeline (Figure 12). The Project site is separated from the feature by rural residential development and fencing. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

PIPELINE 5

The Project site is composed of Urban/Developed/Disturbed Land and General Barren vegetation. The 500-foot buffer area is composed of Urban, General Barren vegetation, Coastal scrub consisting of Riversidean alluvial scrub and Chamise, Coastal oak woodland, and Annual Grassland consisting of perennial grasses and herbs as well as Urban/Developed vegetation types (Table 5). The proposed Project will not remove any vegetation on site. Soils within the limits of work consist of TeG, HcC, GyC2, and, TvC (Table 6). There are no MSHCP riparian/riverine features on the sites, however USFWS NWI maps indicate a riverine wetland type feature located approximately 388 feet to the west of the Project pipeline western end and another approximately 225 feet to the east of the Project Pipeline eastern end (Figure 12). The Project site is separated from the feature by public roads and residential development. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

PIPELINE 6

The Project site is predominantly composed of Coastal Oak Woodland. The 500-foot buffer area surrounding the Project site is largely composed of roadways, residential development, coastal oak, coastal scrub, and ornamental landscaping associated with the surrounding development. The 500-foot buffer area vegetation is composed of Coastal Oak Woodland, Coastal Scrub consisting of Chamise, and Urban/General Barren land cover (Table 5). The proposed Project will not remove any vegetation on site. Soil within the limits of work consist of TeG (Table 6). There are no MSHCP riparian/riverine features on the sites, or within the 500-foot buffer area of the site. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment.

5.2.3 Impacts

The proposed Project will not affect vernal pools as none are located on any of the six pipeline sites.

5.2.4 Mitigation

The proposed Project will not affect vernal pools as none are located on any of the six pipeline sites. No mitigation is required. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), located in Section 10 of this report, to avoid any potential direct or indirect riparian/riverine features, surrounding the Project area.

5.3 Fairy Shrimp

5.3.1 Methods

As previously discussed, prior to conducting the habitat assessment, Geovironment biologist reviewed Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, and Google Earth to identify any potential natural drainage features and water bodies, including vernal pools. Aerial photographs and digital map imagery were researched for vernal pools prior to the field survey.

The habitat assessment for the six pipeline replacement locations was conducted on July 21, 2022 from 7:30 a.m. – 11:00 a.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 75 F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. An assessment of potential jurisdictional features was conducted during the habitat assessment, including vernal pools.

5.3.2 Existing Conditions and Results

The USFWS National Wetlands Inventory Map of the Project sites indicates that the Project pipeline segment sites contain no wetlands or other hydrological features that meet criteria as waters of the United States.⁷ The six pipeline replacement segments are located under roadways and the surrounding lots are mainly residential uses. No hydrological features or MSHCP riparian/riverine features were observed within the proposed Project site; however, the USFWS NWI Map indicated riverine features located within the respective 500-foot survey areas of Pipeline 4 and Pipeline 5 (Figure 11).⁷

As previously discussed, no vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment. Due to a lack of vernal pool habitat on any of the six pipeline replacement sites, it was concluded that fairy shrimp cannot exist on the sites.

5.3.3 Impacts

No vernal pools, vernal pool features, or fairy shrimp exist on any of the six pipeline replacement segment sites, therefore there will be no impacts to fairy shrimp.

5.3.4 Mitigation

No vernal pools, vernal pool features, or fairy shrimp exist on any of the six pipeline replacement segment sites, therefore, will be no impacts to fairy shrimp. Mitigation is not necessary for fairy shrimp.

5.4 Riparian Birds

5.4.1 Methods

A literature search for each of the six pipeline sites was conducted prior to the habitat assessment. As part of the literature search, a Geovironment biologist compiled a list of threatened, endangered and otherwise special status species previously recorded within Project area. The Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDDB), and database were reviewed to determine a list of species that could potentially located in the Project area.

The habitat assessment for the six pipeline replacement locations was conducted on July 21, 2022 from 7:30 a.m. – 11:00 a.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 75°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. An assessment of potentially jurisdictional features, including riparian and riverine features, habitat assessment, and riparian birds were conducted as part of the habitat assessment. Binoculars were utilized to locate potential target species within the 500-foot survey buffer area. Target riparian species included least Bell's vireo (*Vireo bellii pusillus*),

southwestern willow flycatcher (*Empidonax traillii extimus*), or yellow-billed cuckoo (*Coccyzus americanus*).

5.4.2 Existing Conditions and Results

The vegetation community and land cover types discussed above in Section 4 of this report provide habitat for a limited number of known wildlife species in the area. The pipeline segments were each surrounded by residential uses and located under roads that will be repaved following construction.

PIPELINE 1

The vegetation communities onsite and within the 500-foot buffer include Urban/Developed/Disturbed Land, as discussed in Section 4, Vegetation Mapping, of this report. There are no riparian vegetation species on the Project site that would provide nesting, breeding, or foraging habitat for riparian birds. No riparian birds were observed on site during the field survey. No suitable habitat was present at the site.

PIPELINE 2

The vegetation communities onsite and within the 500-foot buffer include Urban/Developed/Disturbed Land, as discussed in Section 4, Vegetation Mapping, of this report. There are no riparian vegetation species on the Project site that would provide nesting, breeding, or foraging habitat for riparian birds. No riparian birds were observed on site during the field survey. No suitable habitat was present at the site.

PIPELINE 3

The vegetation communities onsite and within the 500-foot buffer include Urban/Developed/Disturbed Land and Grassland, as discussed in Section 4, Vegetation Mapping, of this report. There are no riparian vegetation species on the Project site that would provide nesting, breeding, or foraging habitat for riparian birds. No riparian birds were observed on site during the field survey. No suitable habitat was present at the site.

PIPELINE 4

The vegetation communities onsite and within the 500-foot buffer include Urban/Developed/Disturbed Land, as discussed in Section 4, Vegetation Mapping, of this report. There are no riparian vegetation species on the Project site that would provide nesting, breeding, or foraging habitat for riparian birds. There are no MSHCP riparian/riverine features on the sites, however USFWS NWI maps indicate a riverine wetland type feature located approximately 450 feet to the west of the Project pipeline (Figure 11).⁷ No riparian birds were observed on site during the field survey. No suitable habitat was present at the site segment nor near the riparian feature located within the 500-foot survey buffer.

PIPELINE 5

The vegetation communities onsite and within the 500-foot buffer include Urban/Developed/Disturbed Land, Annual Grassland, Riversidean Alluvial Scrub, Coastal Sage Scrub, and Coastal Oak Woodland, as discussed in Section 4, Vegetation Mapping, of this report. There are no riparian vegetation species on the Project site itself that would provide nesting, breeding, or foraging habitat for riparian birds; however, Riversidean Alluvial scrub vegetation is located approximately 100 feet to the east and approximately 365-feet the west. There are no

MSHCP riparian/riverine features on the sites, however USFWS NWI maps indicate a riverine wetland type feature located approximately 388 feet to the west of the Project pipeline western end and another approximately 225 feet to the east of the Project Pipeline eastern end (Figure 11).⁷ No riparian birds were observed on site during the field survey. No suitable habitat was present at the site segment.

PIPELINE 6

The vegetation communities onsite and within the 500-foot buffer included Oak Woodland and Urban/Developed/Disturbed Land and Coastal Scrub, as discussed in Section 4, Vegetation Mapping, of this report. There are no riparian vegetation species on the Project site that would provide nesting, breeding, or foraging habitat for riparian birds. No riparian birds were observed on site during the field survey. No suitable habitat was present at the site.

5.4.3 Impacts

The Project of six pipeline replacement sites do not contain riverine or riparian habitat, and no riparian birds were observed on any of the six sites. According to the literature search, the Project site segments do not contain habitat for or potential habitat for riparian birds. No vegetation will be removed as a part of this Project. Operation of this Project will not directly or indirectly impact riparian birds or riparian bird habitat.

5.4.4 Mitigation

The Project of six pipeline replacement sites do not contain riverine or riparian habitat, and no riparian birds were observed on any of the six sites. According to the literature search, the Project site segments do not contain habitat for or potential habitat for riparian birds. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C).

6.0 Protection of Narrow Endemic Plant Species (Section 6.1.3)

6.1 Methods

A Geovironment biologist compiled a list of threatened, endangered, and otherwise special-status plant species previously recorded within the general Project vicinity. This included a review of the most recent records of the California Natural Diversity Database (CNDDDB) managed by the California Department of Fish and Wildlife (CDFW 2022) and the CNPS Electronic Inventory (CNPSEI) of Rare and Endangered Vascular Plants of California (2022) for the Beaumont, California USGS 7.5-minute topographic quadrangle map (2021).

The habitat assessment for the six pipeline replacement locations was conducted on July 21, 2022 from 7:30 a.m. – 11:00 a.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 75 °F. The field survey included an on-foot investigation of a 500-foot buffer surrounding each of the Project's six sites. The RCA map indicated Yucaipa onion (*Allium marvinii*) and Many-stemmed dudleya (*Dudleya multicaulis*) as MSHCP species to have potential in the areas of Pipeline 3, Pipeline 4, Pipeline 5, and Pipeline 6.¹ A description of habitat for the RCA MSHCP designated species within the Project area is located in Table 7. The field survey focused on potential sensitive habitats or areas on-site that could potentially support special-status floral and faunal species, as well as the MSHCP species indicated on the RCA map. The general habitat, soil conditions, presence of indicator species, slope, aspect, and hydrology were investigated.

6.2 Existing Conditions and Results

As described in Section 4 of the Analysis, the Project site vegetation consisted mostly of Urban/Developed/Disturbed Land. The six pipeline segments are to be located within five paved roads and one gravel road, which will be recovered following completion of the Project. None of the Project's six pipeline segment sites, nor their 500-foot buffer consisted of suitable habitat for Yucaipa onion or Many-stemmed dudleya (Table 7).

Table 7. MSHCP Narrow Endemic Plant Species Attributes and Habitat Affinities

Species	MSHCP Habitat	Blooming Period	Habitat Suitability
Yucaipa Onion <i>Allium marvinii</i>	Openings in chaparral habitat at elevations between 760 and 1065 m. Found in clay soils.	Perennial bulb April - May	None. Suitable soils (clay) and vegetation are not present at any of the six sites. Residential properties separate the chaparral habitat from the Pipeline 6 replacement segment.
Many-stemmed dudleya <i>Dudleya multicaulis</i>	Clay soils in barrens, rocky places, and ridgelines as well as thinly vegetated openings in chaparral, coastal sage scrub, and southern needlegrass grasslands on clay soils.	Perennial May - June	None. Suitable soils (clay soils) and vegetation are not present at any of the six segment sites. Residential uses separate chaparral and coastal sage scrub located in the 500-foot buffer of Pipeline 5 and Pipeline 6 segments.
Source: County of Riverside Transportation and Land Management Agency (2003c). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP - Volumes 1 and 2. Approved June 17, 2003 (as amended), Section 6.1.3, Table 6-1 Narrow Endemic and Criteria Area Survey Plant Species Attributes and Habitat Affinities.			

PIPELINE 1

Pipeline 1 was not located in an MSHCP designated area for Narrow Endemic Plant Survey area. The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species in the immediate vicinity or the 500-foot buffer survey area.

PIPELINE 2

Pipeline 2 was not located in an MSHCP designated area for Narrow Endemic Plant Survey area. The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species in the immediate vicinity or the 500-foot buffer survey area.

PIPELINE 3

The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species identified on the bordering APN 407-110-021, APN 407-110-006, APN 407-110-031, APN 407-110-034 located in the 500-foot buffer survey area also require MSHCP narrow endemic species surveys, however none provide habitat for the MSHCP narrow endemic species. The segment is located within a paved road that will be repaved following completion of construction of pipeline replacement. It offers no suitable habitat for both special-status and MSHCP narrow endemic plant species. Vegetation surrounding the proposed pipeline segment included ornamental landscaping and irrigation infrastructure associated with residential landscaping. APN 407-110-021 to the north of Orchard Street consisted of a disturbed and non-native grassland lot consisting of non-native species such as Russian thistle, California black mustard, and yellow star thistle. Habitat for the narrow endemic plant species listed by the MSHCP does not exist on the site; therefore, focused surveys are not required. No vegetation will be removed as a result of construction of this pipeline.

PIPELINE 4

The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species identified on the bordering APN 405-140-003 and APN 405-160-022. APN 405-160-021, APN 405-160-023, APN 405-160-024, APN 407-310-015, and APN 407-110-006 located in the 500-foot buffer survey area also require MSHCP narrow endemic species surveys, however none provide habitat for the MSHCP narrow endemic species. Vegetation of the site consisted of non-native grasses. The majority of the site segment was lined with California black mustard (*Brassica nigra*), a non-native invasive plant. The pipeline segment is located within a gravel road that will remove some vegetation. It offers no suitable habitat for both special-status and MSHCP narrow endemic plant species. Habitat for the narrow endemic plant species listed by the MSHCP does not exist on the site; therefore, focused surveys are not required.

PIPELINE 5

The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species identified on the bordering APN 401-142-01, APN 401-131-006, and APN 401-132-013. The segment is located within a paved road that will be repaved following completion of construction of pipeline replacement. It offers no suitable habitat for both special-status and MSHCP narrow endemic plant species. Species found surrounding the site include ornamental landscaping associated with the surrounding landscape, non-native grasses, and coastal scrub. Habitat for the narrow endemic plant species listed by the MSHCP does not exist on the site; therefore, focused surveys are not required. No vegetation will be removed as a result of construction of this pipeline.

PIPELINE 6

The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species identified on the bordering APN 401-170-070, APN 401-170-048, and APN 401-190-006. APN 401-170-037, APN 401-170-009, and APN 401-190-007 located in the 500-foot buffer survey area also require MSHCP narrow endemic species surveys.¹ The surrounding vegetation consisted of Coast live oak and ornamental vegetation associated with residential landscaping. Surrounding Coast live oak (*Quercus agrifolia*) species provide canopy cover over a small portion of the proposed segment. The segment is located within a paved road that will be repaved following completion of construction of pipeline replacement. It offers no suitable habitat for both special-status and MSHCP narrow endemic plant species. Habitat for the narrow endemic plant species listed by the

MSHCP does not exist on the site; therefore, focused surveys are not required. No vegetation will be removed as a result of construction of this pipeline.

The habitat assessment conducted for the MSHCP Habitat Assessment is a general survey of the site, and not a focused survey for narrow endemic species. The site was not investigated in season for these species using protocol for focused surveys of these species. The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species identified in adjacent APNs. The sites are each considered disturbed land and offers no suitable habitat for both special-status plant species indicated in the CNPS query results and MSHCP narrow endemic plant species. Habitat does not exist for the MSHCP narrow endemic plant species on the six sites.

6.3 Impacts

The six segments of pipeline replacement will all be within roads. The immediate surrounding area of each segment is considered to be disturbed land and offers no suitable habitat for both special-status wildlife and plants. No sensitive, threatened, or endangered plant species were found on the site during the habitat assessment.

6.4 Mitigation

Habitat for the narrow endemic plant species listed by the MSHCP does not exist on the site. Focused surveys for the species are not required. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C).

7.0 Additional Survey Needs and Procedures (Section 6.3.2)

7.1 Criteria Area Plant Species

Pipeline 1 – Pipeline 6 are not located in criteria area plant species survey area.

7.2 Amphibians

Pipeline 1 – Pipeline 6 are not located in an amphibian survey area.

7.2.1 Methods

Because Pipeline 1 – Pipeline 6 are not located in an amphibian survey area, the site was not analyzed for amphibians.

7.2.2 Existing Conditions and Results

Not applicable.

7.2.3 Impacts

Not applicable.

7.3 Burrowing Owl

7.3.1 Methods

Pipeline 1, Pipeline 2, Pipeline 5, and Pipeline 6 sites or the respective 500-foot buffers are not located within a survey area for burrowing owl.¹ Pipeline 3 segment is not located within a burrowing owl survey area; however, its 500-foot buffer consists of APN 405-060-010 located approximately 462 feet to the east, which does require a burrowing owl habitat assessment; therefore, burrowing owl habitat was analyzed during the site visit to Pipeline 3.¹ Pipeline 4

segment is not located within a burrowing owl survey area, however APN 405-160-002 and APN 405-140-003 located approximately 12.5 feet to the south required a burrowing owl habitat assessment and burrowing owl habitat was analyzed during the site visit to Pipeline 4.¹

The burrowing owl is a California Species of Special Concern due to their decline over the past 30 years. Burrowing owl habitat includes short-grass prairies, grasslands lowland scrub, agriculture lands (particularly rangelands), prairies, coastal dunes, and desert floors.⁸ The burrowing owl may also use golf courses, cemeteries, road allowances within cities, airports, vacant lots in residential areas, university campuses, fairgrounds, abandoned buildings, and irrigation ditches.⁸ They may also use pipes, culverts and nest boxes where burrows are scarce.⁸

Geovironment biologist conducted a query of Habitat Assessment was conducted on July 21, 2022 by Geovironment biologist Carmen Gardner. Appendix D: MSHCP Section 6.1.2. Assessment Conditions includes a list of information and conditions during the field survey. Pipeline 3 and Pipeline 4 were surveyed for burrowing owl using the 2006 Burrowing Owl Survey Instructions for the Western Riverside MSHCP Area. The Project sites were walked to identify if the presence of burrowing owl habitat existed on site, per Step I: Habitat Assessment of the Burrowing Owl Survey Instructions protocol.

Burrowing owls typically use burrows made by fossorial (adapted for burrowing or digging) mammals, such as California ground squirrels or badgers (*Taxidea taxus*), and they often utilize man-made structures such as earthen berms; cement culverts; cement, asphalt, rock or wood debris piles; or openings beneath cement or asphalt pavement.⁸ Burrowing owls are often found within, under, or in close proximity to man-made structures.⁸ Because California ground squirrel burrows were found at Pipeline 4 and Pipeline 5, the 500-foot buffer area surrounding the sites were inspected for burrowing owl habitat potential, as required by protocol.

7.3.2 Existing Conditions and Results

PIPELINE 1

Pipeline 1 or the respective 500-foot survey buffer is not located within an MSHCP-designated survey area for burrowing owl. Furthermore, the existing conditions of the site do not provide habitat or potential habitat for burrowing owl and no indicators of the presence of burrowing owl was detected on site or in the 500-foot survey buffer of the site

PIPELINE 2

Pipeline 2 or the respective 500-foot survey buffer is not located within an MSHCP-designated survey area for burrowing owl. Furthermore, the existing conditions of the site do not provide habitat or potential habitat for burrowing owl and no indicators of the presence of burrowing owl was detected on site or in the 500-foot survey buffer of the site

PIPELINE 3

The Pipeline segment was walked to identify the presence of burrowing owl habitat on the site. The pipeline segment will be located within a paved road and does not include the removal of vegetation. The site was surrounded by vegetation that consisted of residential landscaping. No burrows were observed at this site during the Step I: Habitat Assessment portion of the survey. The

⁸ Regional Conservation Authority (2006). Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area.

site itself was not a designated MSHCP Survey Area for burrowing owl, however the 500-foot buffer included APN 405-060-010, which requires burrowing owl survey. It was concluded that Pipeline 3 Project site's likelihood of providing even low-quality habitat for burrowing owl does not currently exist and is unlikely to exist in the future.

PIPELINE 4

The Pipeline segment was walked to identify the presence of burrowing owl habitat on the site. The pipeline segment will be located within a gravel road. The site is surrounded by residential areas and consists of compacted dirt. California ground-squirrel and their burrows were observed along the Pipeline segment. The California ground squirrel burrows were inspected for any sign of burrowing owl habitat or signs that burrowing owl area using the site or buffer area (i.e. whitewash, feathers, or castings). It was concluded that the burrows present were currently occupied by California ground squirrels only. The surrounding area was visually inspected with binoculars to assess the neighboring residential uses in the 500-foot buffer. No indicators of the presence of burrowing owls utilizing the burrows, or of burrowing owls were detected on-site.

PIPELINE 5

The Pipeline segment was walked to identify the presence of burrowing owl habitat on the site. The pipeline segment will be located within a paved road and does not include the removal of vegetation. The site was surrounded by vegetation that consisted of residential landscaping. California ground-squirrel and their burrows were observed approximately 30 feet west of the western end of the Pipeline segment. The California ground squirrel burrows were inspected for any sign of burrowing owl habitat or signs that burrowing owl area using the site or buffer area (i.e. whitewash, feathers, or castings). It was concluded that the burrows present were currently occupied by California ground squirrels only. The surrounding area was visually inspected with binoculars to assess the neighboring residential uses in the 500-foot buffer. No indicators of the presence of burrowing owls utilizing the burrows, or of burrowing owls were detected on-site.

PIPELINE 6

Pipeline 6 or the respective 500-foot survey buffer is not located within an MSHCP-designated survey area for burrowing owl. Furthermore, the existing conditions of the site do not provide habitat or potential habitat for burrowing owl and no indicators of the presence of burrowing owl was detected on site or in the 500-foot survey buffer of the site.

7.3.3 Impacts

Due to lack of habitat on site for burrowing owl, Step II of the MSHCP survey instructions (Locating Burrows and Burrowing Owls) was not conducted. However, pre-construction burrowing owl surveys are recommended at Pipeline3, Pipeline 4, and Pipeline 5 due to their locations being immediately adjacent to an MSHCP Survey Area for burrowing owl (Figure 9). The proposed Project is unlikely to have impacts to burrowing owl habitat or burrowing owls. The implementation of Mitigation Measure BIO-1 will further ensure that the species, if found on-site, are not harmed.

7.3.4 Mitigation

Pre-construction surveys for burrowing owl are recommended to further reduce any potential for impacts to burrowing owl. Pre-construction surveys for burrowing owl should be conducted not more than 30 days prior to the initiation of ground disturbance.

BIO-1

MSHCP Protocol and Preconstruction Surveys for Burrowing Owl: To minimize impacts and to adhere to the Western Riverside MSHCP mitigation requirements regarding burrowing owl, it is recommended that:

- Conduct Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area (protocol dated March 29, 2006).
- No more than 30 days prior to the first ground-disturbing activities, the project applicant shall retain a qualified biologist to conduct a preconstruction survey on the project site. The survey shall establish the presence or absence of western burrowing owl and/or habitat features and evaluate use by owls in accordance with CDFW survey guidelines.
- On the parcel where the activity is proposed, the biologist shall survey the proposed disturbance footprint and a 500-foot radius from the perimeter of the proposed footprint to identify burrows and owls. Adjacent parcels under different land ownership need not be surveyed. The survey shall take place near the sunrise or sunset in accordance with CDFW guidelines. All burrows or burrowing owls shall be identified and mapped. During the breeding season (February 1–August 31), surveys shall document whether burrowing owls are nesting on or directly adjacent to disturbance areas. During the non-breeding season (September 1– January 31), surveys shall document whether burrowing owls are using habitat on or directly adjacent to any disturbance area. Survey results will be valid only for the season during which the survey is conducted.
- If burrowing owls are not discovered, further mitigation is not required. If burrowing owls are observed during the pre-construction surveys, the applicant shall perform the following measures to limit the impact on the burrowing owls:
 1. Avoidance shall include establishment of a 160-foot non-disturbance buffer zone. Construction may occur during the breeding season if a qualified biologist monitors the nest and determines that the birds have not begun egg laying and incubation, or that the juveniles from the occupied burrows have fledged. During the non-breeding season (September 1-January 31), the project proponent shall avoid the owls and the burrows they are using, if possible. Avoidance shall include the establishment of a 160-foot non disturbance buffer zone.
 2. If it is not possible to avoid occupied burrows, passive relocation shall be implemented. Owls shall be excluded from burrows in the immediate impact zone and within a 160-foot buffer zone by installing one-way doors in burrow entrances. These doors shall be in place for 48 hours prior to excavation. The project area shall be monitored daily for 1 week to confirm that the owl has abandoned the burrow. Whenever possible, burrows should be excavated using hand tools and refilled to prevent re-occupation. Plastic tubing or a similar structure shall be inserted in the tunnels during excavation to maintain an escape route for any owls inside the burrow.

BIO-2

Procedures if Burrowing Owl is found on-site: Focused burrow survey that includes natural burrows or suitable man-made structures needs to be conducted as described below.

- A systematic survey for burrows including burrowing owl sign should be conducted by walking through suitable habitat over the entire survey area (i.e. the project site and within 150 meters). Pedestrian survey transects need to be spaced to allow 100percent visual coverage of the ground surface.
- The distance between transect center lines should be no more than 30 meters (approximately 100 feet) and should be reduced to account for differences in terrain, vegetation density, and ground surface visibility. To efficiently survey projects larger than 100 acres, it is recommended that two or more qualified surveyors conduct concurrent surveys.
- The location of all suitable burrowing owl habitat, potential owl burrows, burrowing owl sign, and any owls observed should be recorded and mapped, including GPS coordinates. If the survey area contains natural or man-made structures that could potentially support burrowing owls, or owls are observed during the burrow surveys, the systematic surveys should continue as prescribed in Part B. If no potential burrows are detected, no further surveys are required. A written report including photographs of the project site, location of burrowing owl habitat surveyed, location of transects, and burrow survey methods should be prepared. If the report indicates further surveys are not required, then the report should state the reason(s) why further focused burrowing owl surveys are not necessary.
- Focused Burrowing Owl Surveys will consist of site visits on four separate days. The first one may be conducted concurrent with the Focused Burrow Survey.
 1. Upon arrival at the survey area and prior to initiating the walking surveys, surveyors using binoculars and/or spotting scopes should scan all suitable habitat, location of mapped burrows, owl sign, and owls, including perch locations to ascertain owl presence. This is particularly important if access has not been granted for adjacent areas with suitable habitat.
 2. A survey for owls and owl sign should then be conducted by walking through suitable habitat over the entire project site and within the adjacent 150 meters (approximately 500 feet). These “pedestrian surveys” should follow transects (i.e. Survey transects that are spaced to allow 100 percent visual coverage of the ground surface. The distance between transect centerlines should be no more than 30 meters (approximately 100 feet) and should be reduced to account for differences in terrain, vegetation density, and ground surface visibility. To efficiently survey projects larger than 100 acres, it is recommended that two or more qualified surveyors conduct concurrent surveys. It is important to minimize disturbance near occupied burrows during all seasons.
 3. If access is not obtained, then the area adjacent to the project site shall also be surveyed using binoculars and/or spotting scopes to determine if owls are present in areas adjacent to the project site. This 150-meter buffer zone is included to fully characterize the population. If the site is

determined not to be occupied, no further surveys are required until 30 days prior to grading (see Pre-construction Surveys below).

After completion of appropriate surveys, a final report shall be submitted to the Riverside County Environmental Programs Department and the RCA Monitoring Program Administrator, which discusses the survey methodology, transect width, duration, conditions, and results of the survey. Appropriate maps showing burrow locations shall be included.

7.4 Mammals

7.4.1 Methods

Pipeline 1 – Pipeline 6 are not located in a mammal survey area.¹

7.4.2 Existing Conditions and Results

Not applicable.

7.4.3 Impacts

Not applicable.

8.0 Information on Other Species

8.1 Delhi Sands Flower Loving Fly

Pipeline 1 – Pipeline 6 are not located in a Delhi sands flower loving fly (*Rhaphiomidas terminates abdominalis*) survey area.¹

8.2 Species Not Adequately Conserved

The CNDDDB analysis yielded thirty-four (34) sensitive species previously recorded in the USGS *Beaumont, California* 7.5-minute quadrangle.⁹ Of those species four (4) special-status species are Federally and State listed species that were evaluated for potential to occur within the study area and included in the habitat assessment. CNPS Rare Plant Inventory query results yielded eight (8) rare plants known to occur within the USGS *Beaumont, California* 7.5-minute quadrangle and its eight adjoining quadrangles.¹⁰ Non-listed special-status species (e.g. CDFW Watch List and California Rare Plant Rank 1, 2, 3, 4, etc.) were evaluated and determined to have no potential to occur in the study area. No habitat for rare, endangered, threatened, or narrow endemic species occurs within the Project site and its surrounding. No special-status plant or wildlife species were observed or detected within the Project area during the survey. Therefore, none of the special-status species have moderate or high potential to occur in the study area.

The wildlife species observed on or near the site during the habitat assessment were common species found in urban and rural areas within Riverside County. Wildlife activity was low during the habitat assessment. Avian activity was moderate and California ground squirrel activity was low and only observed at Pipeline 4 and Pipeline 5. Common birds observed on-site during the habitat

⁹ California Department of Fish and Wildlife (CDFW). (2022). California Natural Diversity Database (CNDDDB) (RareFind 5, version 5.2.14). Electronic database. Sacramento, CA. Available, <https://map.dfg.ca.gov/rarefind>. Accessed July 18, 2022.

¹⁰ California Native Plant Society, Rare Plant Program. 2022. Rare Plant Inventory (online edition, v9-01 1.5). Website <https://www.rareplants.cnps.org> [accessed 18 August 2022].

assessment were common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), red-tailed hawk (*Buteo jamaicensis*), California scrub jay (*Aphelocoma californica*), black phoebe (*Sayornis nigricans*), and anna's hummingbird (*Calypte anna*).

None of the MSHCP-designated species occurs on the site, and no further analysis is required.

9.0 Guidelines pertaining to the urban/wildlands interface (Section 6.1.4)

Section 6.1.4, Guidelines Pertaining to the Urban/Wildlands Interface includes measures that are put in place to control drainage, toxics, lighting, noise, and invasives.² It discusses guidelines to address indirect effects associated with development in proximity to MSHCP Conservation Areas. The Urban/Wildland Interface is defined as a zone (less than 100 feet) between the Project site and the MSHCP Conservation Area. If a Project is located adjacent to a Conservation Area, avoidance measures must be implemented.

The Project site was not located within any Criteria Cell, Cell Group, or MSHCP designated linkage. The nearest Criteria Cell, Criteria Cell #409, was located approximately 55 feet south from Pipeline 6. Although the Criteria Cell is located within the 500-foot buffer of Pipeline 6, the Project will not have adverse edge effects on the targeted Additional Reserve Lands or a MSHCP Conservation Area as described in Section 3.2.2, including a bioregion, vegetation, or soils, nor is it located in or within 100 feet of a Core Area or the defined proximity to an Edge Affected Land After Completion of Reserve Assembly (MSHCP Section 3.2.2).² The Project will implement applicable BMPs listed in the following section.

DRAINAGE. Proposed developments in proximity to the MSHCP Conservation Area shall incorporate measures, including measures required through the National Pollutant Discharge Elimination System (NPDES) requirements, to ensure that the quantity and quality of runoff discharged to the MSHCP Conservation Area is not altered in an adverse way when compared with existing conditions. Measures shall be put in place to avoid discharge of untreated surface runoff from developed and paved areas into the MSHCP Conservation Area. Stormwater systems shall be designed to prevent the release of toxins, chemicals, petroleum products, exotic plant materials, or other elements that might degrade or harm biological resources or ecosystem processes within the MSHCP Conservation Area.

Authorization under the California General Construction Permit will be obtained by the contractor prior to the start of construction operations.

TOXICS. Land uses proposed in proximity to the MSHCP Conservation Area that utilize chemicals or generate bioproducts such as manure that are potentially toxic or may adversely affect wildlife species, habitat or water quality shall incorporate measures to ensure the application of such chemicals does not result in discharge to the MSHCP Conservation Area. Measures such as those employed to address drainage issues shall be implemented.

Equipment storage: equipment maintenance; and dispensing of fuel, oil, coolant, or any other toxic substance will be sited within designated staging areas. These designated areas will be clearly marked and located in such a manner as to capture runoff.

LIGHTING. Night lighting shall be directed away from the MSHCP Conservation Area to protect species within the MSHCP Conservation Area from direct night lighting. Shielding shall be incorporated in project designs to ensure ambient lighting in the MSHCP Conservation Area is not increased.

The proposed project design does not include installation of new lighting. Construction activities will be preformed during daylight hours so night lighting will not be used.

NOISE. Proposed noise-generating land uses affecting the MSHCP Conservation Area shall incorporate setbacks, berms, or walls to minimize the effects of noise on MSHCP Conservation Area resources pursuant to applicable rules, regulations, and guidelines related to land use noise standards. For planning purposes, wildlife within the MSHCP Conservation Area should not be subject to noise that would exceed residential noise standards.

The anticipated construction timeframe is Summer-Fall 2023.

INVASIVES. When approving landscape plans for development that is proposed adjacent to the MSHCP Conservation Area, Permittees shall consider the invasive, non-native plant species (MSHCP Table 6-2) and shall require revisions to landscape plans (subject to the limitations of their jurisdiction) to avoid the use of invasive species for the portions of development that are adjacent to the MSHCP Conservation Area. Considerations in reviewing the applicability of this list shall include proximity of planting areas to the MSHCP Conservation Areas, species considered in the planting plans, resources being protected within the MSHCP Conservation Area and their relative sensitivity to invasion, and barriers, to plant and seed dispersal, such as walls, topography, and other features.

The proposed project does not include landscaping.

BARRIERS. Proposed land uses adjacent to the MSHCP Conservation Area shall incorporate barriers, where appropriate, in individual project designs to minimize unauthorized public access, domestic animal predation, illegal trespass, or dumping in the MSHCP Conservation Area. Such barriers may include native landscaping, rocks/boulders, fencing, walls, signage and/or other appropriate mechanisms.

The proposed project will not increase unauthorized public access, domestic animal predation, illegal trespass or dumping in the MSHCP Conservation Areas above existing conditions. Permanent barriers are not included as part of the proposed project.

GRADING/LAND DEVELOPMENT. Manufactured slopes associated with proposed site development shall not extend into the MSHCP Conservation Area.

No slopes will be created or re-graded as part of the proposed project.

10.0 Best Management Practices (Volume I, Appendix C)

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), as follows:

1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.

2. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.
3. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.
4. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.
5. Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.
6. Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.
7. When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing or other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.
8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.
9. Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.
10. The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.
11. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.
12. Exotic species that prey upon or displace target species of concern should be permanently removed from the site the extent feasible.
13. To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).
14. Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the

completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.

15. The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs.

11.0 References

California Department of Fish and Wildlife (CDFW). (2022)a. California Natural Diversity Database (CNDDDB) (RareFind 5, version 5.2.14). Electronic database. Sacramento, CA. Available, <https://map.dfg.ca.gov/rarefind>. Accessed July 18, 2022.

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12.0 Supporting Appendices

APPENDIX A – SITE PHOTOGRAPHS

PIPELINE 1

West View of Lambert Place



East View of Lambert Place



East View in Middle of Lambert Place



PIPELINE 2

East View of
Bing Place



West View of
Bing Place



PIPELINE 3



South View of Star Lane



North View of Star Lane



Southwestern View - Corner of View Dr. & Star Ln.



North View of Sky Lane



East View of View Drive



South View of Sky Lane

630 W 7th St
San Jacinto, CA 92583

• P. 951.292.5126
@ www.geovironment.com

PIPELINE 4

North View of Utica Way



South View of Utica Way



North View of Utica Way into Residence



Northeast View of Pipeline Alignment



PIPELINE 5

Northwest View of Avenida Sonrisa



West View of Avenida Sonrisa



East View of Avenida Sonrisa



West View at West End of Pipeline 5

PIPELINE 6

South View of Avenida Miravilla



North View of Avenida Miravilla



Southwest View - South End of Pipeline 6



Southwest View of Avenida Miravilla



APPENDIX B – LITERATURE REVIEW



Selected Elements by Common Name

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad (Beaumont (3311688)) AND County (Riverside)

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
American badger <i>Taxidea taxus</i>	AMAJF04010	None	None	G5	S3	SSC
chaparral sand-verbena <i>Abronia villosa var. aurita</i>	PDNYC010P1	None	None	G5T2?	S2	1B.1
Coachella Valley milk-vetch <i>Astragalus lentiginosus var. coachellae</i>	PDFAB0FB97	Endangered	None	G5T1	S1	1B.2
coast horned lizard <i>Phrynosoma blainvillii</i>	ARACF12100	None	None	G3G4	S3S4	SSC
coastal whiptail <i>Aspidoscelis tigris stejnegeri</i>	ARACJ02143	None	None	G5T5	S3	SSC
Crotch bumble bee <i>Bombus crotchii</i>	IIHYM24480	None	None	G2	S1S2	
Dulzura pocket mouse <i>Chaetodipus californicus femoralis</i>	AMAFD05021	None	None	G5T3	S3	SSC
Horn's milk-vetch <i>Astragalus hornii var. hornii</i>	PDFAB0F421	None	None	GUT1	S1	1B.1
Jaeger's milk-vetch <i>Astragalus pachypus var. jaegeri</i>	PDFAB0F6G1	None	None	G4T1	S1	1B.1
least Bell's vireo <i>Vireo bellii pusillus</i>	ABPBW01114	Endangered	Endangered	G5T2	S2	
loggerhead shrike <i>Lanius ludovicianus</i>	ABPBR01030	None	None	G4	S4	SSC
Los Angeles pocket mouse <i>Perognathus longimembris brevinasus</i>	AMAFD01041	None	None	G5T2	S1S2	SSC
mesa horkelia <i>Horkelia cuneata var. puberula</i>	PDROS0W045	None	None	G4T1	S1	1B.1
Mojave tarplant <i>Deinandra mohavensis</i>	PDAST4R0K0	None	Endangered	G2	S3	1B.3
narrow-leaf sandpaper-plant <i>Petalonyx linearis</i>	PDLOA04010	None	None	G4	S3?	2B.3
northwestern San Diego pocket mouse <i>Chaetodipus fallax fallax</i>	AMAFD05031	None	None	G5T3T4	S3S4	SSC
orange-throated whiptail <i>Aspidoscelis hyperythra</i>	ARACJ02060	None	None	G5	S2S3	WL
pallid bat <i>Antrozous pallidus</i>	AMACC10010	None	None	G4	S3	SSC
Palmer's mariposa-lily <i>Calochortus palmeri var. palmeri</i>	PMLIL0D122	None	None	G3T2	S2	1B.2



Selected Elements by Common Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Parry's spineflower <i>Chorizanthe parryi</i> var. <i>parryi</i>	PDPGN040J2	None	None	G3T2	S2	1B.1
Payson's jewelflower <i>Caulanthus simulans</i>	PDBRA0M0H0	None	None	G4	S4	4.2
Plummer's mariposa-lily <i>Calochortus plummerae</i>	PMLIL0D150	None	None	G4	S4	4.2
purple martin <i>Progne subis</i>	ABPAU01010	None	None	G5	S3	SSC
San Diego desert woodrat <i>Neotoma lepida intermedia</i>	AMAFF08041	None	None	G5T3T4	S3S4	SSC
smooth tarplant <i>Centromadia pungens</i> ssp. <i>laevis</i>	PDAST4R0R4	None	None	G3G4T2	S2	1B.1
Southern California legless lizard <i>Anniella stebbinsi</i>	ARACC01060	None	None	G3	S3	SSC
southern California rufous-crowned sparrow <i>Aimophila ruficeps canescens</i>	ABPBX91091	None	None	G5T3	S3	WL
Southern Cottonwood Willow Riparian Forest <i>Southern Cottonwood Willow Riparian Forest</i>	CTT61330CA	None	None	G3	S3.2	
spiny-hair blazing star <i>Mentzelia tricuspis</i>	PDLOA031T0	None	None	G4	S2	2B.1
Stephens' kangaroo rat <i>Dipodomys stephensi</i>	AMAFD03100	Threatened	Threatened	G2	S2	
western spadefoot <i>Spea hammondi</i>	AAABF02020	None	None	G2G3	S3	SSC
western yellow bat <i>Lasiurus xanthinus</i>	AMACC05070	None	None	G4G5	S3	SSC
yellow warbler <i>Setophaga petechia</i>	ABPBX03010	None	None	G5	S3S4	SSC
Yucaipa onion <i>Allium marvinii</i>	PMLIL02330	None	None	G1	S1	1B.2

Record Count: 34

CNPS Rare Plant Inventory



Search Results

8 matches found. Click on scientific name for details

Search Criteria: CRPR is one of [1B:2B] Fed List is one of [FE:FT] or State List is one of [CE:CT] , Quad is one of [3311688:3411711:3411618:3411617:3311781:3311687:3311771:3311678:3311677]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	PHOTO
<i>Astragalus lentiginosus</i> var. <i>coachellae</i>	Coachella Valley milk-vetch	Fabaceae	annual/perennial herb	Feb-May	FE	None	G5T1	S1	1B.2	No Photo Available
<i>Atriplex coronata</i> var. <i>notatior</i>	San Jacinto Valley crownscale	Chenopodiaceae	annual herb	Apr-Aug	FE	None	G4T1	S1	1B.1	 © 2008 Larry Sward
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	Themidaceae	perennial bulbiferous herb	Mar-Jun	FT	CE	G2	S2	1B.1	 © 2016 Keir Morse
<i>Deinandra mohavensis</i>	Mojave tarplant	Asteraceae	annual herb	(Jan-May)Jun-Oct	None	CE	G2	S3	1B.3	No Photo Available
<i>Dodecahema leptoceras</i>	slender-horned spineflower	Polygonaceae	annual herb	Apr-Jun	FE	CE	G1	S1	1B.1	No Photo Available
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woollystar	Polemoniaceae	perennial herb	Apr-Sep	FE	CE	G4T1	S1	1B.1	No Photo Available
<i>Navarretia fossalis</i>	spreading navarretia	Polemoniaceae	annual herb	Apr-Jun	FT	None	G2	S2	1B.1	No Photo Available
<i>Taraxacum californicum</i>	California dandelion	Asteraceae	perennial herb	May-Aug	FE	None	G1G2	S1S2	1B.1	No Photo Available

Showing 1 to 8 of 8 entries

Suggested Citation:

California Native Plant Society, Rare Plant Program. 2022. Rare Plant Inventory (online edition, v9-01 1.5). Website <https://www.rareplants.cnps.org> [accessed 23 August 2022].

APPENDIX C: PLANTS AND WILDLIFE SPECIES OBSERVED

Scientific Name	Common Name	Pipeline Surrounding Location
Magnoliophyta	Plants	
Poaceae	Grass Family	
<i>Festuca arundinacea</i>	Tall Fescue	1; 2; 3; 5
Chenopodiaceae	Saltbush Family	
<i>Salsola tragus (non-native species)</i>	Russian thistle	4
Brassicaceae	Mustard Family	
<i>Brassica nigra</i>	Black mustard	3; 4
Fagaceae	Beech Family	
<i>Quercus agrifolia</i>	Coast Live Oak	6
Euphorbiaceae	Spurge Family	
<i>Croton setiger</i>	Turkey Mullein	4
Lamiaceae	Sage Family	
<i>Salvia rosmarinus</i>	Rosemary	5
<i>Salvia leucantha</i>	Mexican Bush Sage	5
Pinaceae	Pine Family	
<i>Pinus lambertiana</i>	Sugar Pine	5
Anacardiaceae	Sumac Family	
<i>Malosma</i>	Laurel Sumac	5
Cupressaceae	Cypress Family	
<i>Cupressus sempevirens</i>	Italian Cypress	5
Rosaceae	Rose Family	
<i>Cercocarpus</i>	Mountain Mahogany	4
Aves	Birds	
Columbidae	Pigeons and Doves	
<i>Zenaida macroura</i>	Mourning Dove	1; 2; 5
Corvidae	Crows and Ravens	
<i>Corvus corax</i>	Common Raven	1; 2; 3; 4; 5
Fringillidae	Fringilline and Cardueline Finches and Allies	
<i>Haemorhous mexicanus</i>	House Finch	4; 5; 6
Accipitridae	Hawks, Kites Eagles, and Allies	
<i>Buteo jamaicensis</i>	Red-tailed Hawk	3; 4; 5
Mimidae	Mockingbirds and Thrashers	
<i>Mimus polyglottos</i>	Northern Mockingbird	4; 5
Mammalia	Mammals	
Sciuridae	Squirrels	
<i>Spermophilus beecheyi (burrows)</i>	California ground squirrel	4; 5

APPENDIX D: Section 6.1.2. ASSESSMENT CONDITIONS

Date	Field Personnel	Survey Time	Temperature	Humidity	% Cloud Cover	Wind Speed	Annual Precipitation
7/21/2022	Carmen Gardner	7:00 AM – 11:00 AM	75 degrees Fahrenheit	30%	0%	6 mph	0" in the last 24 hours



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 5

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: PUBLIC HEARING: Resolution 2023-__ : California Environmental Quality Act and National Environmental Policy Act Draft Initial Study Mitigated Negative Declaration / Environmental Assessment and Finding of No. Significant Impact for the B Line Replacement Pipeline Project

Staff Recommendation

- a. Conduct Public Hearing
- b. Adopt Resolution 2023-__ : Adopting the Initial Study Mitigated Negative Declaration / Environmental Assessment and Finding of No Significant Impact for the B Line Replacement Pipeline Project

Executive Summary

In 2022, the District was selected as a sub-recipient of American Rescue Plan Act (ARPA) funding as allocated by the County of Riverside. The B Line Replacement Pipeline Project is scheduled to receive approximately \$1.3 million for the construction of this Project.

The District is presenting to the Board an Initial Study Mitigated Negative Declaration / Environmental Assessment (IS MND/EA) which addresses the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). District staff is taking extra steps to address NEPA due to the Project receiving federal funds. District staff recommends filing a Notice of Intent to adopt a Mitigated Negative Declaration (MND) to address CEQA, and to file a Finding of No Significant Impact (FONSI) to address NEPA for this Project.

Background

The proposed project is comprised of the following:

1. Replacement of approximately 3,000-feet of 10-inch riveted steel waterline with 12-inch ductile iron pipe (DIP) transmission main.

Pursuant to California Environmental Quality Act guidelines §15063 and the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq), an Initial Study / Environmental Assessment (EA) has been prepared to assess the potential adverse environmental effects of the proposed Project and to discuss the proposed actions and alternatives (as required by section 102(2) (E) of NEPA) of the Project. It has been concluded that potentially significant environmental effects could occur from Project implementation in the areas of Biological Resources, Cultural Resources, Geology/Soils, Hazards and Hazardous Materials, Hydrology/Water Quality, Tribal Cultural Resources and Wildfires. However, mitigation measures were identified that would reduce these potential impacts to a less than significant level to address CEQA. It has been concluded the Project will have no significant impact on the environment, therefore a Finding of No Significant Impact (FONSI) has been prepared for the Project to address NEPA.



Pursuant to CEQA guidelines §15072 and NEPA, 42 U.S.C. 4321 et seq, a Notice of Intent to Adopt was uploaded to the State Clearinghouse and advertised in the Record Gazette, with the complete Draft IS MND / EA document uploaded to the District's webpage, in accordance with §1970.151, for four (4) consecutive weeks from July 14, 2023 through August 14, 2023. As of September 6, 2023, no written comments have been received.

In accordance with the National Environmental Policy Act (NEPA), the Council on Environmental Quality regulations for implementing NEPA (44 CFR Parts 1500 through 1508) and the National Endowment for the Humanities NEPA Implementing Procedures (84 FR 23805, May 23, 2019), the District has determined that, with the mitigation measures described in Section 3 of the EA, the proposed Project/Action will have no significant adverse impact on the quality of the human environment. As a result of this Finding of No Significant Impact (FONSI), an Environmental Impact Statement will not be prepared. Upon approval by the Board of Directors, District staff will file the FONSI with the California State Clearinghouse.

Fiscal Impact

The overall Project budget is approximately \$2.1 million. ARPA funding is approximately \$1.3 million of the estimated \$2.1 million budget. The District financial contribution (the remaining \$800,000.00) will be from Capital Replacement Reserves.

Attachment(s)

1. Resolution 2023-__: Adopting the Initial Study Mitigated Negative Declaration / Environmental Assessment and Finding of No Significant Impact for the B Line Replacement Pipeline Project
2. Initial Study Mitigated Negative Declaration / Environmental Assessment for the B Line Replacement Pipeline Project
3. Finding of No Significant Impact for the B Line Replacement Pipeline Project
4. Notice of Intent to Adopt a Mitigated Negative Declaration
5. Notice of Declaration

Staff Report prepared by Evan Ward, Civil Engineering Assistant

RESOLUTION 2023-__

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT ADOPTING THE INITIAL STUDY MITIGATED NEGATIVE DECLARATION / ENVIRONMENTAL ASSESSMENT AND FILING THE NOTICE OF INTENT AND FINDING OF NO SIGNIFICANT IMPACT FOR THE B LINE REPLACEMENT PIPELINE PROJECT

WHEREAS, the Beaumont-Cherry Valley Water District's Master Plan has identified the need for replacement of the transmission water main in the District's distribution system; and

WHEREAS, the District determined that the B Line Replacement Pipeline Project (Project) may be subject to the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) and prepared an Initial Study Mitigated Negative Declaration / Environmental Assessment evaluating the potential environmental effects of the Project; and

WHEREAS, the Initial Study Mitigated Negative Declaration concluded that potentially significant environmental effects could occur from Project implementation in the areas of Biological Resources, Cultural Resources, Geology/Soils, Hazards and Hazardous Materials, Hydrology/Water Quality, Tribal Cultural Resources and Wildfires; however, mitigation measures were identified that would reduce these potential impacts to a less than significant level; and

WHEREAS, the Environmental Assessment identified no significant adverse impacts in the areas of biological resources, cultural resources, geology/soils, hazards and hazardous materials, hydrology/water quality, and tribal cultural resources; and

WHEREAS, mitigation measures that avoid the effects, or mitigate the effects to a point where clearly no significant effects would occur, have been identified through the Initial Study Mitigated Negative Declaration / Environmental Assessment; and

WHEREAS, the District determined that the mitigation proposed in the Initial Study Mitigated Negative Declaration / Environmental Assessment would reduce the impacts to a less than significant level; and

WHEREAS, the District prepared a Public Notice for the B Line Replacement Pipeline Project on July 14, 2023, which started a 30-day public review period, ending August 14, 2023. The Public Notice and Initial Study Mitigated Negative Declaration / Environmental Assessment was published in the Record Gazette for two (2) consecutive weeks, and was posted to the District's webpage for the 30-day comment period, during which no written comments were received; and

WHEREAS, the District Board of Directors conducted a Public Hearing on September 13, 2023; and

WHEREAS, the Beaumont-Cherry Valley Water District, located at 560 Magnolia Avenue, Beaumont, California 92223, is the custodian of documents and other materials that constitute the record of proceedings upon which the decision to adopt the Notice of Intent and Finding of No Significant Impact is based.

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

A. Findings regarding the Initial Study Mitigated Negative Declaration / Environmental Assessment

1. The Board of Directors finds that the Initial Study Mitigated Negative Declaration / Environmental Assessment, the Notice of Intent (NOI) and the Finding of No Significant Impact (FONSI) for the B Line Replacement Pipeline Project has been prepared and completed in compliance with the California Environmental Quality Act and National Environmental Policy Act.
2. The Board of Directors finds that on the basis of the NOI and FONSI and the whole record that there is no substantial evidence that the Project will have a significant adverse impact individually or cumulatively on the environment.

B. Adoption of the Mitigation Monitoring and Reporting Program

1. The Board of Directors hereby adopts the Mitigation Monitoring and Reporting Program, as set forth in the Project staff report.
2. The Board of Directors hereby finds that the proposed mitigation measures described in the Mitigated Negative Declaration are feasible and therefore will become binding upon the District and its construction contractors.

C. Adoption of the Environmental Assessment

1. The Board of Directors hereby adopts the Initial Study Mitigated Negative Declaration / Environmental Assessment and the Notice of Intent (NOI) and Finding of No Significant Impact (FONSI) for the B Line Replacement Pipeline Project.
2. The General Manager is hereby authorized and directed to cause the NOI and FONSI to be posted with the California State Clearinghouse.

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Signatures on following page

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

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

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

Director Daniel Slawson, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

DRAFT

“B” Line Replacement Project

Initial Study Mitigated Negative Declaration/Environmental Assessment

Project Location Cherry Valley, Riverside County, California

*Permittee/
Applicant:*



**Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223**

Prepared by:



**Geovironment Consulting
630 W 7th Street
San Jacinto, CA 92583**

June 2023

General Information about This Document

What's in the document:

Geovironment has prepared this Initial Study/Environmental Assessment (IS/EA), which examines the potential environmental impacts of the alternatives being considered for the proposed Project located in Cherry Valley and Oak Glen, California. The Beaumont-Cherry Valley Water District (BCVWD) is the lead agency under the National Environmental Policy Act (NEPA) and is the lead agency under the California Environmental Quality Act (CEQA). The document tells you why the project is being proposed, what alternatives we have considered for the Project, how the existing environment could be affected by the Project, the potential impacts of each of the alternatives, and the proposed avoidance, minimization, and/or mitigation measures.

What you should do:

- Please read this document
- Additional copies of this document and the related technical studies are available for review and the Beaumont Cherry Valley Water District office, 560 Magnolia Avenue, Beaumont, CA 92223. This document may be downloaded at the following website www.bcvwd.org.
- Attend the public hearing. [date and location of hearing]
- We'd like to hear what you think. If you have any comments about the proposed Project, please attend the Board Meeting/ Public Hearing and/or send your written comments via postal mail or email to the District by the deadline.
- Send the comments via postal mail to: 560 Magnolia Avenue, Beaumont, CA 92223.
- Send comments via email to: mark.swanson@bcvwd.org
- Be sure to send comments by the deadline [deadline date]

What happens next:

After comments are received from the public and reviewing agencies, the District, as assigned by the American Rescue Plan Act (ARPA), may: (1) give environmental approval to the proposed Project, (2) do additional environmental studies, or (3) abandon the Project. If the Project is given environmental approval and funding is obtained, the District could design and construct all or part of the Project.

Alternative Formats:

For individuals with sensory disabilities, this document can be made available in Braille, in large print, on audiocassette, or on computer disk. To obtain a copy of one of these alternative formats, please call or write to Mark Swanson, Director of Engineering, phone: (951) – 845 -9581x218, email: mark.swanson@bcvwd.org.

Replace “B” Line Pipeline and abandon existing waterline approximately 3,000 feet in Edgar Canyon Road.

Draft INITIAL STUDY with Proposed Mitigated Negative Declaration/Environmental Assessment

Submitted Pursuant to: (State) Division 13, California Public Resources Code
(Federal 42 USC 4332(2)(C))

Beaumont Cherry Valley Water District

Cooperating Agencies:
Responsible Agencies:

Date

District Director of Engineering
Beaumont Cherry Valley Water District
NEPA Lead Agency

Date

Daniel K. Jagers
Beaumont Cherry Valley Water District
CEQA Lead Agency

The following persons may be contacted for more information about this document:

Mark Swanson, P.E.
951-845-9581x218
Director of Engineering

Daniel K. Jagers
951-845-9581
General Manager

Proposed Mitigated Negative Declaration

Pursuant to: Division 13, Public Resources Code

Project Description

Beaumont Cherry Valley Water District (District) proposes to replace approximately 3,000 feet of existing 10-inch riveted steel water pipeline. The pipeline would be replaced with a 12-inch ductile iron pipe (DIP). The existing pipeline would be abandoned in place and the new pipeline would be constructed within the existing parcels owned by the District.

Determination

This proposed DRAFT Mitigated Negative Declaration (MND) is included to give notice to interested agencies and the public that it is the District's intent to adopt an MND for this Project. This does not mean that the District's decision regarding the project is final. This MND is subject to change based on comments received by interested agencies and the public.

The District has prepared an Initial Study for this project and, pending public review, expects to determine from this study that the proposed project would not have a significant effect on the environment for the following reasons:

The proposed Project would have no effect on Agriculture/Forestry; Land Use/Planning; Mineral Resources; Population and Housing; Recreation; Environmental Justice; and Indian Trust Assets.

In addition, the proposed Project would have less than significant effect to Aesthetics; Air Quality; Energy; Greenhouse Gas Emissions; Noise; Public Services; Transportation; Utilities/Services Systems; and Climate Change.

With the following mitigation measures incorporated, the proposed Project would have less than significant effect to Biological Resources; Cultural Resources; Geology/Soils; Hazards & Hazardous Materials; Hydrology/Water Quality; Tribal Cultural Resources; and Wildfire.

Mitigation measures include BIO-1. Implement MSHCP Standard Best Management Practices (Volume I, Appendix C); BIO-2. Prevent Entrapment of Wildlife; BIO-3. Construction Staging Away from Little San Geronio Creek; BIO-4. Conduct Nesting Bird Surveys; CULT-1. Archeological Resources; CULT-2. Human Remains; GEO-1. Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP); GEO-2. Paleontological Resources; HAZ-1. Spill Prevention and Clean-up Best Management Practices; and HAZ-2. Fire Prevention Best Management Practices.

Daniel K. Jagers
Beaumont Cherry Valley Water District
NEPA/CEQA Lead Agency

Date

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- A** Avoidance, Minimization and/or Mitigation Summary
- B** Comment Letters and Responses
- C** Site Plan
- D** Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment for the “B” Line Project
- E** Phase I Cultural Resources Study for the “B” Line Project

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- Table 1. Permits and Approvals
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- 1. Project Location
- 2. Project Vicinity
- 3. USGS Topographical Map
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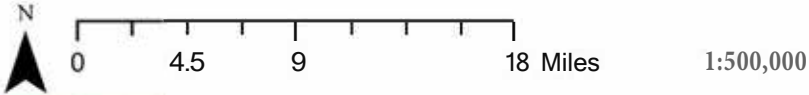
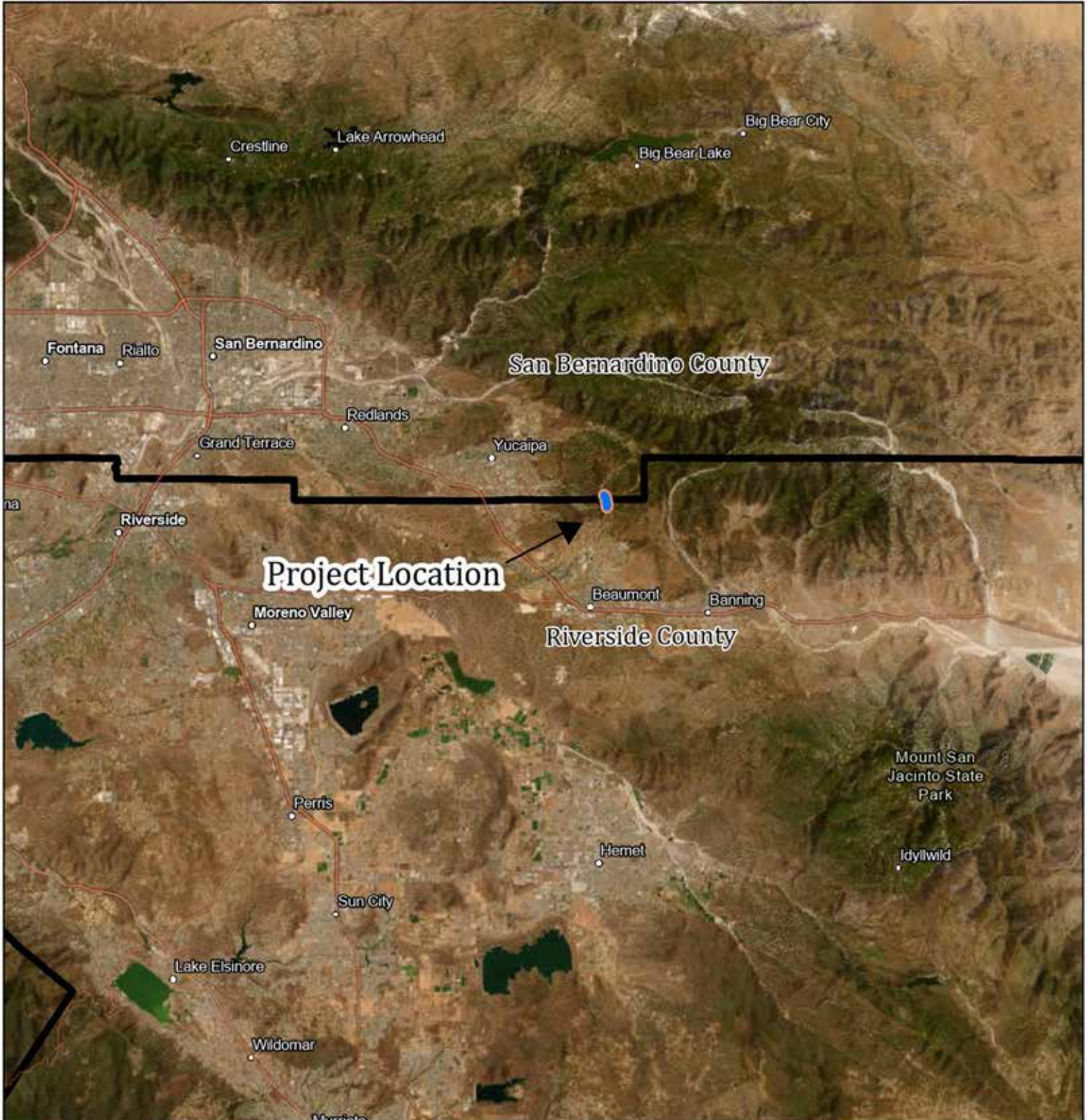


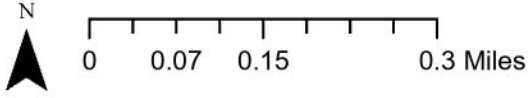
Figure 1. Project Location "B" Line Pipeline Project



630 W 7th St
San Jacinto, CA 92583

• P. 951.292.5126

@ www.geovironment.com



1:10,500

Figure 2. Project Vicinity
"B" Line Pipeline Project



630 W 7th St
San Jacinto, CA 92583

P. 951.292.5126

www.geovironment.com

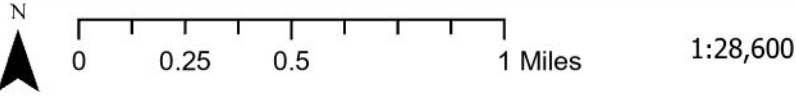
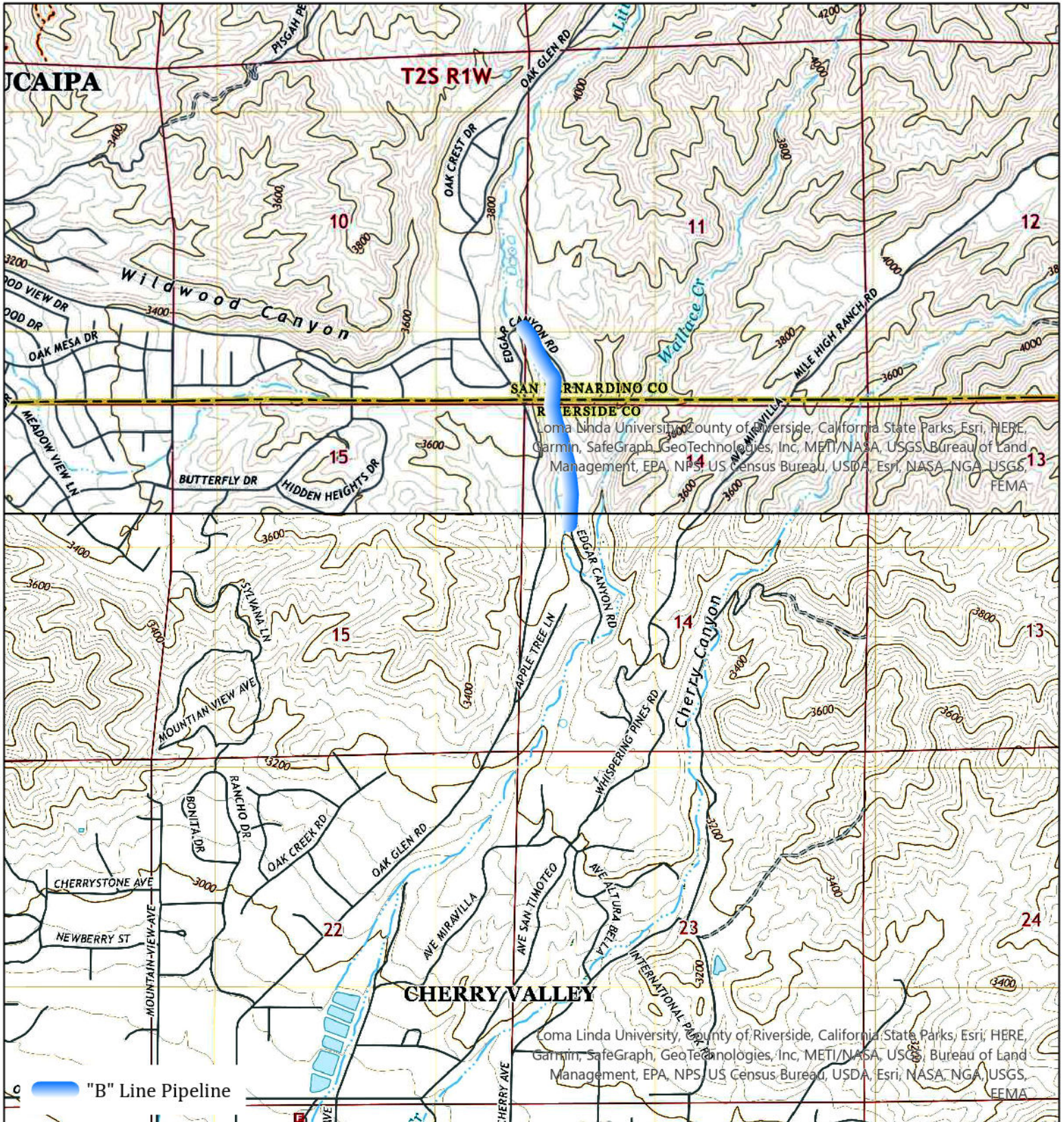


Figure 3 - USGS Topographic Map
"B" Line Pipeline Replacement



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San Jacinto, CA 92583

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Figure 4 - Site Photographs
"B" Line Pipeline Replacement Project

Northern and Middle Section of B Line through Edgar Canyon Road



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Southern Section of B Line through
Edgar Canyon Road



Chapter 1 – Introduction

1.1 Proposed Project/Action

The Beaumont Cherry Valley Water District (BCVWD or District) is proposing to replace the existing “B” Line Pipeline and abandon the existing waterline in the unincorporated communities of Oak Glen and Cherry Valley, California. The new pipeline infrastructure would include 3,000 feet of pipeline segment in Edgar Canyon Road, a dirt rural collector road located on District owned land. Figures 1 and 2 are project location and vicinity maps.

The BCVWD is the lead agency under the National Environmental Policy Act (NEPA) and the lead agency under the California Environmental Quality Act (CEQA).

Because the Proposed Project and the Proposed Action are the same, they are referred throughout this document as the proposed Project/Action.

1.2 Need for Project

The District owns and operates an aging 10-in diameter riveted steel waterline (identified as the “B” Line) approximately 3,000 feet in length, located entirely on undeveloped District property in Edgar Canyon. There have been on-going and increasing maintenance concerns and issues with the waterline, causing supply losses; being that the “B” Line is the primary supply line to the District’s 3620 Pressure Zone, immediate replacement is needed. The District intends to replace the “B” Line with 12-in diameter Ductile Iron Pipe (DIP), to be determined during the design phase.

The existing “B” Line alignment is located between 5-15 feet west of the District’s access road; there is approximately 2 feet of cover over the “B” Line along its existing alignment, but it is exposed in various locations due to recent maintenance and frequent leaks. The District proposes to abandon the existing waterline in place, and construct a new DIP or HDPE waterline within the existing access road. The new pipeline segment will improve the current water purveyance infrastructure and aid the District in meeting future demands.

1.3 Purpose of this IS/MND and EA

The proposed Project/Action is a discretionary action under the CEQA Guidelines Section 15357 and would be partially funded by ARPA (under Title XIV). As such, it is subject to the requirements of CEQA and NEPA.

The joint environmental document was prepared pursuant to CEQA Public Resources Code, Division 13, Environmental Protection; the CEQA Guidelines; the Council on Environmental Quality (CEQ) Regulations for Implementing the National Environmental Policy Act (Parts 1500 to 1508). The joint environmental document serves to publicly disclose the environmental consequences and potential impacts/effects of the proposed Project/Action, the alternative to the proposed Project/Action, and ways to minimize adverse effects.

1.4 Organization of this Report

This joint environmental document was prepared to provide a comprehensive analysis of the proposed Project/Action. Chapter 2 describes the proposed Project/Action and No Action alternatives. Chapter 3 describes the environmental setting/affected environment and the environmental impacts/environmental

consequences (effects) associated with implementation of the proposed Project/Action. The issue areas that are examined, based on the Appendix G (Environmental Checklist Form) of the CEQA Guidelines, are as follows:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology & Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Utilities and Service Systems
- Environmental Justice
- Indian Trust Assets
- Wildfire
- Mandatory Findings of Significance

Section 3.23 includes other sections required by NEPA, including effects on wetlands irreversible and irretrievable commitment of resources, and consultation and coordination requirements. Chapter 5 provides and identifies the report preparers. Chapter 6 provides references.

Chapter 2 – Project Description

2.1 Project Overview

The proposed Project would consist of the replacement of approximately 3,000 feet of 10-inch riveted steel water pipeline. The pipeline would be replaced with a 12-inch ductile iron pipe (DIP). The existing pipeline would be abandoned in place and the new pipeline would be constructed within the existing District access road. The Project pipeline replacement runs through Edgar Canyon Road, a District access road, within the unincorporated community of Oak Glen in San Bernardino County and through the unincorporated community of Cherry Valley in Riverside County. The northern section of the pipeline is located in the unincorporated area of the County of San Bernardino and zoned for Oak Glen/Rural Living (OG/RL-20). The southern portion of the pipeline is in the unincorporated area of Cherry Valley in Riverside County and is within two different parcels zoned for controlled development areas (W-2). The pipeline sits at approximately 3728.870 feet above mean sea level (amsl).

2.2 Purpose for Project

The Beaumont Cherry Valley Water District’s proposed Project/Action is intended to improve the District’s current water purveyance system. The “B” Line along its existing alignment is exposed in various locations due to recent maintenance and frequent leaks. The District proposes to abandon the existing waterline in place, and construct a new DIP or HDPE waterline within the existing access road to continue to meet the District’s demands in the area.

2.3 No Project/Action Alternative

Under the No Project/Action Alternative, ARPA funds would not be provided for the “B” Line Pipeline Project. As a result, the benefits of the Proposed Project/Action would be delayed or would not occur. The “no build” alternative may create cumulative impacts as improvements of the Project’s structure are needed.

2.4 Proposed Project/Action Alternative

BCVWD proposes to replace it’s “B” Line pipeline segment located in Edgar Canyon Road (Figure 2). This Project contains a number of standardized project measures that would result in less than significant impacts with mitigation incorporated resulting from the proposed project. These measures are addressed in more detail in the Environmental Consequences sections found in Chapter 3.

2.5 Permits and Approvals Needed

The following permits, licenses, agreements, and certifications (PLACs) are required for project construction:

Table 1. Permits and Approvals

Agency	PLAC	Status
RWQCB	Amended National Pollutant Discharge Elimination System (NPDES) Permit	

The Project has been sited to avoid direct impact on wetlands and sensitive habitats, including those that could support special status species. Mitigation would be incorporated into the Project to avoid or minimize the potential indirect effects on habitat or sensitive species.

Chapter 3 – Environmental Checklist Evaluation

Introduction

This Chapter identifies the potential environmental impacts of the Proposed Project/Action using a framework the CEQA Environmental Checklist Form as presented in Appendix G of the CEQA Guidelines, as modified to include the additional resources required for NEPA analysis. Each environmental issue analyzed in this document provides brief background information and discussion of the environmental setting/affected environment to help the reader understand the conditions present prior to the implementation of the Proposed Project/Action. The potential effects of the Proposed Project/Action are defined as changes to the environmental setting/affected environment attributable to individual components or operations.

The Project is subject to federal, as well as San Bernardino County, Riverside County, and state environmental review requirements because the District proposes the use of federal funds from the ARPA and/or the Project requires an approval from the District. Project documentation, therefore, has been prepared in compliance with both CEQA and NEPA. The District is the Project proponent and the lead agency under NEPA. The District is also responsible for environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by the District.

One of the primary differences between NEPA and CEQA is the way significance is determined. Under NEPA, significance is used to determine whether an Environment Impact Study (EIS), or a lower level of documentation, will be required. NEPA requires that an EIS be prepared when the proposed federal action (Project) *as a whole* has the potential to “significantly affect the quality of the human environment.” The determination of significance is based on context and intensity. Some impacts determined to be significant under CEQA may not be of sufficient magnitude to be determined significant under NEPA. Under NEPA, once a decision is made regarding the need for an EIS, it is the magnitude of the impact that is evaluated, and no judgment of its individual significance is deemed important for the text. NEPA does not require that a determination of significant impacts be stated in the environmental documents.

CEQA, on the other hand, does require the District to identify each “significant effect on the environment” resulting from the project and ways to mitigate each significant effect. If the project may have a significant effect on any environmental resource, then an Environmental Impact Report (EIR) must be prepared. Each and every significant effect on the environment must be disclosed in the EIR and mitigated if feasible. In addition, the CEQA Guidelines list a number of “mandatory findings of significance,” which also require the preparation of an EIR. There are no types of actions under NEPA that parallel the findings of mandatory significance of CEQA. This chapter discusses the effects of this project and CEQA significance.

1. **Project Title:** "B" Line Pipeline Replacement Project
2. **Lead Agency Name:** Beaumont Cherry Valley Water District
3. **Contact Person, Phone Number:** Mark Swanson, (951) 845 – 9581 x 218
4. **Project Location:** This project alignment runs through the unincorporated Community of Oak Glen, San Bernardino County and the unincorporated community of Cherry Valley, Riverside County.
5. **Project Sponsor's Name:** Beaumont Cherry Valley Water District
6. **General Plan Designation:** Pipeline is located within a privately owned District access road that is within parcels designated Rural Mountainous (RM) and Rural Residential (RR) in Riverside County and Rural Living (RL) in San Bernardino County.
7. **Zoning:** Pipeline is located within a privately owned District access road that is within parcels designated OG/RL-20 Rural Living in San Bernardino County and W-2 Controlled Development Areas in Riverside County.
8. **Description of Project:** The proposed project would replace and abandon the existing line "B" pipeline within the Beaumont Cherry Valley Water District water purveyance system.
9. **Surrounding Land Uses and Setting:** The pipeline would be located on District owned land of Edgar Canyon. The surrounding land uses include rural living and controlled development areas.
10. **Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement:**
 - Regional Water Quality Control Board: NOI for coverage under National Pollutant Discharge Elimination System (NPDES) General Permit; Amended NPDES Permit

Environmental Factors Potentially Affected

The proposed Project could potentially affect (“Potentially Significant Impact” or “Less than Significant Impact with Mitigation Incorporated”) the environmental factor(s) checked below. The following pages present a more detailed checklist and discussion of each environmental factor and present mitigation measures that would reduce all impacts to less than significant.

<input type="checkbox"/> Aesthetics	<input checked="" type="checkbox"/> Hazards & Hazardous Materials	<input type="checkbox"/> Transportation
<input type="checkbox"/> Agriculture / Forestry Resources	<input checked="" type="checkbox"/> Hydrology/Water Quality	<input checked="" type="checkbox"/> Tribal Cultural Resources
<input type="checkbox"/> Air Quality	<input type="checkbox"/> Land Use/Planning	<input type="checkbox"/> Utilities/Service Systems
<input checked="" type="checkbox"/> Biological Resources	<input type="checkbox"/> Mineral Resources	<input type="checkbox"/> Environmental Justice
<input checked="" type="checkbox"/> Cultural Resources	<input type="checkbox"/> Noise	<input type="checkbox"/> Indian Trust Assets
<input type="checkbox"/> Energy	<input type="checkbox"/> Population/Housing	<input checked="" type="checkbox"/> Wildfire
<input checked="" type="checkbox"/> Geology/Soils	<input type="checkbox"/> Public Services	<input type="checkbox"/> Mandatory Findings of Significance
<input type="checkbox"/> Greenhouse Gas Emissions	<input type="checkbox"/> Recreation	

The IS/MND fully addresses the environment, as described by CEQA, as “the physical conditions which existing within the area which will be affected by a proposed Project including land, air, water, flora, fauna, noise, objects of historic or aesthetic significance.” A detailed analysis of environmental impacts will be presented for each resource area (listed above) utilizing the model Environmental Checklist Form found in Appendix G of the CEQA Guidelines §15063(f). Impacts to the environment for construction and operation of the Project will be assessed and described, and the level of significance of impacts will be measured against criteria that have been established by regulation, accepted standards, or other definable criteria. The use of an MND is only permissible if all potentially significant environmental impacts assessed in the IS are rendered less than significant with incorporation of mitigation measures.

Each environmental resource area is reviewed by analyzing a series of questions (i.e., Initial Study Checklist) regarding level of impact posed by the Project. Substantiation is provided to justify each determination. One of four following conclusions is then provided as a determination of the analysis for each of the major environmental factors.

No Impact. A finding of no impact is made when it is clear from the analysis that the Project would not affect the environment.

Less than Significant Impact. A finding of a less than significant impact is made when it is clear from the analysis that a Project would cause no substantial adverse change in the environment and no mitigation is required.

Less than Significant Impact with Mitigation Incorporated. A finding of a less than significant impact with mitigation incorporated is made when it is clear from the analysis that a Project would cause no substantial adverse change in the environment when mitigation measures are successfully implemented by the Project proponent. In this case, the Project proponent would be responsible for implementing measures identified in a Mitigation Monitoring and Reporting Plan (MMRP).

Potentially Significant Impact. A finding of a potentially significant impact is made when the analysis concludes that the proposed Project could have a substantially adverse change in the environment for one or more of the environmental resources assessed in the checklist. Typically, preparation of an Environmental Impact Report (EIR) would be required in the case of potentially significant impact. No findings of significance impact were determined to potentially result from the Project.

DETERMINATION: (To be completed by Lead Agency)

On the basis of this initial evaluation:

I find that the proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

I find that the proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

I find that the proposed Project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

I find that although the proposed Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.

Signature

Date

Printed Name

Title

3.1 AESTHETICS

Except as provided in Public Resources Code Section 21099, would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

The Proposed Project/Action is located at approximately 3,738.870 feet amsl in rural Cherry Valley, a community characterized by residential agricultural uses, animal-keeping uses, and open space. The visual quality of the proposed Project/Action area is defined by a rural setting consisting of rural residential uses and controlled development areas within Edgar Canyon. There are no designated scenic highways located within the Project/Action area. Route 38 in San Bernardino County located approximately 6.0 miles north of the Project site, is the nearest eligible scenic highway.¹

Impacts/Environmental Consequences

a), b) No Impact. The proposed Project would include pipeline replacement within the BCVWD purveyance system in Edgar Canyon Road. The road would be backfilled and covered following completion of pipeline replacement. No designated scenic vista exists on the Project site or in the immediate vicinity, and the Project would have no impacts on scenic vistas. The proposed Project is not located within an officially designated state scenic highway of the California Scenic Highway Mapping System.² It would not be impacted by the proposed Project. The Project site isn't located within a state scenic highway, and there are no trees, rock outcroppings, or historic buildings within a state scenic highway on or near the Project site. No impacts to scenic resources within a state scenic highway would occur as a result of the Project.

c), d) Less Than Significant Impact. Construction of the Project would result in short-term impacts to the Project site for site preparation, grading, and building activity. The new water pipeline would be developed

¹ County of Riverside General Plan (2016, December 6). The Pass Area Plan. Figure 9 Scenic Highways.

² California Department of Transportation (2022). The California Scenic Highway Program.

within the road and invisible after construction. The Project would be required to comply with the San Bernardino County and Riverside County Ordinances, including Title of Riverside County specifying building and construction standards.³ It would not degrade the existing visual character or quality of the site and its surroundings. Impacts to existing visual character of the site and surroundings would be less than significant.

No spotlighting, floodlighting, or glare-producing equipment would be used or installed on the Project area prior to, during, or following construction activities. The Pass Area Plan (PAP) Policy 9.1 states adhere to Riverside County's lighting requirements for standards that are intended to limit leakage and spillage that may interfere with the operations of the Palomar Observatory.⁴ Riverside County Code Chapter 8.80, Outdoor Lighting, provide minimum requirements for outdoor lighting to reduce light trespass and glare, and to protect the health, property, and well-being of residents in the unincorporated areas of the county. Section 8.80.050 requires outdoor luminaires be located, adequately shielded, and directed such that no direct light falls outside the parcel of origin, or onto the public right-of-way. Outdoor luminaires shall not blink, flash, or rotate.⁵ San Bernardino County Ordinance Division 3: Countywide Development Standards, Chapter 83.07: Light Trespass also address light and glare. Specifically, it states in section 83.07.040, (c)Exempt Lighting and Activities that "(5) construction or emergency lighting provided such lighting is temporary, necessary, and is discontinued immediately upon completion of the construction work or termination of the emergency" is exempt. A less than significant impact involving light, or glare is anticipated to occur as a result of the Project.

Mitigation Measures

None required or recommended.

³ County of Riverside (July 27, 2022) Codified County of Riverside Ordinance. Title 15 Building and Construction, Chapter 15.04 Building Regulations.

⁴ County of Riverside (September 28, 2021) County of Riverside General Plan. The Pass Area Plan. Land Use Section 8.80.050 Standard.

⁵ County of Riverside (July 27, 2022) Codified County of Riverside Ordinance. Title 8 Health and Safety, Chapter 8.80 Outdoor Lighting, Section

3.2 AGRICULTURE AND FOREST RESOURCES

<p>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and the forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.</p>				
Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

The proposed Project/Action is located within Edgar Canyon Road, a privately owned District access road that is not designated Prime Farmland, Farmland or Statewide Importance, or Unique Farmland. There are no forestry resources in the vicinity of the proposed Project/Action area. The nearest timberlands are associated with San Bernardino National Forest approximately 4.5 miles to the northeast of the Project site.

Impacts/Environmental Consequences

a-e) No Impact. The proposed Project/Action does not occur within agriculture or forest lands, it would not convert farmland conflict with existing zoning for agricultural use/forest land, result in the

loss/conversion of forest land, or involve other changes in the existing environment which could result in the conversion of Farmland or forest land. No impacts would occur.

Mitigation Measures

None required or recommended.

3.3 AIR QUALITY

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.				
Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non- attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

The basis for air quality review in the Project area is evaluating consistency with the South Coast Air Quality Management District (SCAQMD) regulations, which are designed to bring the South Coast Air Basin (SCAB), including the Community of Cherry Valley and Community of Oak Glen, into attainment for all National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS).

An ambient air quality standard (AAQS) defines the maximum amount of a pollutant that can be present in outdoor air without harm to the public’s health. Ambient air quality standards for ozone (O₃), carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), particulate matter (PM₁₀ and PM_{2.5}), and lead (Pb) have been set by both the State of California and the federal government. The State has also set standards for sulfates (SO₄(2-)) and visibility. AAQSs are set to regulate air emissions from stationary and mobile sources to achieve clean air and to protect even the most sensitive individuals in our communities.

The SCAQMD in conjunction with the California Air Resources Board (CARB), the Southern California Association of Governments (SCAG), and USEPA prepares and regularly updates an Air Quality Management Plan (AQMP 2016) to set forth an integrated program to achieve compliance with air quality

standards in the Basin.⁶ Currently, the community of Oak Glen in San Bernardino County is out of compliance with PM-10 (2006), PM-2.5 (1997), PM-2.5 (2006), PM-2.5 (2012), 8-Hour Ozone (2008) and 8-Hour Ozone (2015).⁷ The community of Cherry Valley in Riverside County is in nonattainment for PM-10 (1987), PM-2.5 (1997), PM-2.5 (2006), PM-2.5 (2012), 8-Hour Ozone (2008), and 8-Hour Ozone (2015).⁷

The Project's estimated construction and operation mass emissions are anticipated to be below the SCAQMD quantitative thresholds of significance for all pollutants including PM₁₀, PM_{2.5}, CO, NO_x, VOC, and SO_x. In addition, compliance with applicable SCAQMD rules and regulations, such as Rule 403 (fugitive dust), would further minimize fugitive dust and its contribution to a cumulative impact. This rule prohibits emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area, such that the dust remains visible beyond the emission source property line.

Impacts/Environmental Consequences

- a) **Less than Significant Impacts.** The Project would result in short-term air quality impacts related to vehicle/equipment exhaust, fugitive dust, asphalt/concrete slurry, and construction of the 3,000 foot pipeline alignment. No operation phase air quality impacts would occur. In addition, the Project would be required to comply with the applicable rules in the SCAQMD Rule Book, Regulation IV – Prohibitions,⁸ such as Rule 403 for fugitive dust suppression. Examples of Rule 403 control measures, include, but are not limited to:
- Maintain stability of soil through pre-watering of site prior to clearing and grubbing, during clearing and grubbing activities, and after clearing and grubbing activities.
 - Pre-water soils prior to cut and fill activities and stabilize soil during and after cut and fill activities.
 - Stabilize material while loading to reduce fugitive dust emissions; maintain at least six inches of freeboard on haul vehicles; stabilize material while transporting to reduce fugitive dust emissions; stabilize material while unloading to reduce fugitive dust emissions; and comply with Vehicle Code §23114.

Considering the Project would not result in population growth and mass emissions are below the thresholds of significance, the Project would not conflict with or obstruct implementation of the AQMP, and impacts are considered less than significant.

- b) **Less than Significant Impacts.** The Project would not result in emissions of non-attainment criteria air pollutants. The Project plans to water exposed areas approximately two times a day during active earth work. Since the Project's anticipated emissions are under the thresholds of significance and because the Project would be subject to compliance with SCAQMD rules and regulations, the Project is not expected to result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is in non-attainment under an applicable federal or state ambient air quality standard, and potential impacts are considered less than significant.
- c) **Less than Significant Impacts.** Sensitive receptors include a class of receivers considered "sensitive" to environmental factors. By definition, sensitive receptors include, but are not limited to, residential uses,

⁶ Southern Coast Air Quality Management District (2016, March). Air Quality Management Plan.

⁷ California Air Resources Board (2018). Air Designation Maps – State and National

⁸ South Coast Air Quality Management District (2018). SCAQMD Rule Book. Regulation IV – Prohibitions.

hospitals, schools, daycare facilities, elderly housing, and convalescent facilities. The Project would be near rural residences to the east and west of the proposed pipeline. All off-road construction equipment and some support vehicles are expected to be diesel fueled. Diesel exhaust particulate matter qualifies as a Toxic Air Contaminant by the State of California as defined in California Health and Safety Code §39655. Particulate matter from diesel-fueled engines (diesel PM) contributes over 70% of the known risk from air toxins today. Reducing the public’s exposure to diesel PM is one of ARB’s highest priorities, with an aggressive plan to require cleaner diesel fuel and cleaner diesel engines and vehicles. As a result, trucks and cars today are 95% cleaner than just 30 years ago. Construction activity would be short-lived and would be required to comply with applicable SCAQMD rules and regulations to ensure a clean construction site. The proposed Project will be required to comply with the air quality emissions rules established by SCAQMD and the Code of Regulations (CCRs) legislated and enforced by the State of California (State) identified in Table 2:

Table 2. Applicable SCAQMD and State of California Rules

Applicable SCAQMD Rules	
Rule 402 Nuisance	Controls the emissions of odors and other air contaminants
Rule 403 Fugitive Dust	Controls the emissions of fugitive dust
Rule 1108 and 1108.1 Cutback and Emulsified Asphalt	Controls the VOC content in asphalt
Rule 1113 Architectural Coatings	Controls the VOC content in paints and solvents
Rule 1143 Paint Thinners	Controls the VOC content in paint thinners
State of California Rules	
CCR Title 13, Article 4.8, Chapter 9, Section 2449	In use Off-Road Diesel Vehicles
CCR Title 13, Section 2025	On-Road Diesel Truck Fleets
CCR Title 24 Part 11	California Green Building Standards
Source: South Coast AQMD Rule Book and California Code of Regulations.	

Construction and operation of the Project would not exceed any thresholds of significance for criteria pollutants as the Project’s estimated construction and operation mass emissions are expected to be below the applicable SCAQMD thresholds of significance. Therefore, the Project is not expected to expose sensitive receptors to substantial pollutant concentrations and potential impact are less than significant.

- d) **Less than Significant Impact.** Odors are one of the most obvious forms of air pollution to the general public. Odors can present significant problems for both the source and the surrounding community. Although offensive odors seldom cause physical harm, they can cause agitation, anger, and concern to the general public. Most people determine an odor to be offensive (objectional) if it is sensed longer than the duration of a human breath; typically, two to five seconds. Potential odors associated with the Project would be diesel exhaust during the construction period. However, construction vehicle emissions at the Project site would be short-term, intermittent, and subject to air dispersion. These odors, if perceptible, are common in the environment, would dissipate rapidly as they mix with the surrounding air, and would be very limited duration. In addition, the Project would be subject to compliance with SCAQMD’s Rule Book Regulation IV – Prohibitions, Rule 402, regarding nuisance. SCAQMD Rule 402 states, “A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of such persons or the public or which cause, or have a natural tendency to cause, injury or damage to business property.” The Project contractor would be subject

to enforcement of said rules. Therefore, any potential odor impacts would be considered less than significant.

Mitigation Measures

None required or recommended.

3.4 BIOLOGICAL RESOURCES

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, or NOAA Fisheries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environment Setting/Affected Environment

The Proposed Project/Action area is located in a rural setting in Edgar Canyon. The project consists of replacement and abandonment of 3,000 feet of pipeline within Edgar Canyon Road, a dirt rural collector road. According to the Western Riverside Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment performed by Geovironment Consulting in August 2022 for the Project site (see Appendix D for the report), including the proposed “B” Line pipeline replacement, land cover types in the vicinity of the Proposed Project/Action area consist of willow riparian woodland, coastal oak woodland, Riversidean alluvial scrub, chamise, general barren vegetation, manzanita chaparral, and scrub oak.⁹ No regulatory-status flora or fauna were detected during the biological reconnaissance survey completed on July 21, 2022. The biological value of the proposed Project was absent within the established dirt roadway.⁹

Immediately adjacent to the road the vegetation consists of several vegetation communities: coastal oak woodland, coastal scrub, mixed chaparral, and urban habitat. Riparian habitat is associated with areas that become saturated with water from surface or groundwater resources and retain enough water to enable riparian flora and fauna to thrive. Little San Gorgonio Creek was present within 500-feet of the Project. The creek is vegetated with coastal sage scrub, clumps of coast live oak, western sycamore riparian woodland, and Riversidean alluvial scrub. The low-flow drainage course is sparsely vegetated with Riversidean alluvial scrub.

The Project is located in the northern region of The Pass Area Plan.¹⁰ The “B” Line pipeline is located “in or adjacent to” Criteria Cell 241 and 243, USGS Section 14, and Subunit 2 – Badlands/San Bernardino National Forest. Conservation within Cell 241 will contribute to assembly of Proposed Constrained Linkage 23. Conservation within this Cell will focus on chaparral, and woodlands and forests. Areas conserved within this Cell will be connected to chaparral habitat proposed for conservation to the west and east in Cells 240 and 243.¹⁰ Conservation within this Cell will range from 40%-50% focusing on the southern portion of the Cell. Conservation within Cell 243 will contribute to the assembly of Proposed Constrained Linkage 23. Conservation within this Cell will focus on chaparral and woodlands and forests. Areas conserved within this Cell will be connected to chaparral habitat proposed for conservation to the west in Cell 241.¹⁰

Subunit 2 - Badlands/San Bernardino National Forest target acreage for ARL within the Subunit is 1.1505 – 2,195 acres.¹⁰ Planning species for Subunit 2 includes Bell’s sage sparrow (*Artemisiospiza belli*), bobcat (*lynx rufus*), Los Angeles pocket mouse (*Perognathus longimembris brevinasus*) and San Bernardino mountain kingsnake (*Lampropeltis zonata*).¹⁰ Subunit 2 considerations include providing a connection in the Cherry Valley area from the Badlands to Bogart Park, providing opportunities inside and outside of the Plan Area to San Bernardino County. It is recognized that this connection traverses an urban area, however Conservation of existing natural Habitat and incorporation of ditches this contiguous connection.¹⁰ Subunit 2 conservation goals also focus on maintaining a wetland connection via Noble Creek, determining presence of potential linkage area for bobcat, determining presence of potential Core Area for Los Angeles pocket mouse in tributaries to San Timoteo Creek and maintaining Core Area for San Bernardino mountain

⁹ Geovironment Consulting (August 2022). Western Riverside County Multiple Species Habitat Consistency Analysis and Habitat Assessment for the “B” Line Pipeline Replacement.

¹⁰ County of Riverside Transportation and Land Management Agency (2003). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP – Volumes 1 and 2. Approved June 17, 2003 (as amended), Section 3.3.10 The Pass Area Plan.

kingsnake.¹⁰ Although the Project is located in or adjacent to Criteria Cell 241 and 243, the Project will not permanently impact the habitat in Cell 241 or Cell 243 or have long-term effects on either of the Cell's conservation goals or the conservation goals of Subunit 2 – Badlands/San Bernardino National Forest.

Impacts/Environmental Consequences

- a) ***Less than Significant with Mitigation Incorporated.*** According to the biological survey performed by Geovironment Consulting on July 21, 2022, the Project would not have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. A portion of the Project is also located within a MSHCP-designated assessment area for two Narrow Endemic Plants; many-stemmed dudleya (*Dudleya multicaulis*) and Yucaipa onion (*Allium marvinii*). The Project area does not support suitable habitat (i.e., clay soils and rock outcrops) for the two species.⁹ No sensitive, threatened, or endangered plant species were found on the site during the habitat assessment.⁹ The proposed Project shall also comply with the Standard Best Management Practices (BMPs) of the MSHCP (Volume I, Appendix C), also located in section 10.0. Impact to species would be less than significant with implementation of Mitigation Measures BIO-1, BIO-2, and BIO-3.
- b) ***Less than Significant with Mitigation Incorporated.*** Riparian habitat is associated with areas that become saturated with water from surface or ground-water resources and retain enough water to enable riparian flora and fauna to thrive. Little San Gorgonio Creek was present within 500-feet of the Project. The creek is partially vegetated with coastal sage scrub, clumps of coast live oak, western sycamore riparian woodland, and Riversidean alluvial scrub. The low-flow drainage course is sparsely vegetated with Riversidean alluvial scrub.⁹ With implementation of Mitigation Measures BIO-3, Construction Staging Away from the Little San Gorgonio Creek, impacts to riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service would be reduced to less than significant.
- c) ***Less than Significant with Mitigation Incorporated.*** Little San Gorgonio Creek was present within 500-feet of the Project on the west side of Edgar Canyon Road where the proposed pipeline will be replaced. No state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) were found within the Project boundary.⁹ With implementation of Mitigation Measures BIO-3, Construction Staging Away from the Little San Gorgonio Creek, impact to federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means would be reduced to less than significant from the Project.
- d) ***Less than Significant with Mitigation Incorporated.*** While the Project vicinity provides linkage to wildlife corridors and native habitat, the proposed pipeline alignment runs through a dirt, rural collector road that is not vegetated. However, the immediate vicinity consists of several vegetation communities: coastal oak woodland, coastal scrub, mixed chaparral, and urban habitat. Coast live oak and coastal sage scrub along the Project alignment would offer nesting habitat to birds protected under the Migratory Bird Treaty Act (MBTA) and the *California Fish and Game Code* §3503, §3503.5, and §3513, such as ducks, geese, songbirds, gulls, shorebirds, wading birds, and/or birds of prey. If Project activities occur during the bird nesting season (typically February 15 through September 1), a nesting bird survey shall be performed prior to construction to attenuate the potential for significant impact to

migratory birds. Implementation of Mitigation Measure BIO-4 would reduce potential impacts to migratory birds to less than significant.

- e) ***Less than Significant Impact.*** The proposed Project pipeline alignment is in a dirt, rural collector road that is aligned with several Coast live oak trees.⁹ The removal of any trees is not anticipated. According to Ordinance 559, public utilities are exempt from the requirement to obtain a tree removal permit for projects related to the construction and maintenance of facilities under their jurisdiction.¹¹ As the Project would be exempt from a tree removal permit since it is a public utility project, a less than significant impact would occur.
- f) ***Less than Significant Impact with Mitigation Incorporated.*** The Project is located in the Pass Area Plan within Subunit 2: Badlands/San Bernardino National Forest of the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) and Criteria Cell 241 and 243. The Project would result in less than significant impacts to an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan, with implementation of Mitigation Measures, BIO-1, BIO-2, BIO-3 and BIO-4.

Mitigation Measures

BIO -1. Implement MSHCP Standard Best Management Practices (Volume I, Appendix C)

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), as follows:

1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.
2. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.
3. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.
4. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.
5. Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.

¹¹ County of Riverside (January 2023) Riverside County Code of Ordinance 559

6. Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.
7. When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing or other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.
8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.
9. Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.
10. The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.
11. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.
12. Exotic species that prey upon or displace target species of concern should be permanently removed from the site the extent feasible.
13. To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).
14. Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.

The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs.

BIO-2. Prevent Entrapment of Wildlife. During construction, to prevent entrapment of wildlife, all steep-walled trenches, auger holes, open-ended piping, or other excavations should be covered at the end of each

day or completely fenced off at night in such a way that wildlife cannot be entrapped. For open trenches only, these may instead have wildlife escape ramps within the trench maintained at intervals of no greater than 100 feet. These ramps shall have maximum slope not to exceed 2:1.

BIO-3. Construction Staging Away from Little San Gorgonio Creek. In all locations of the Project, construction activities, vehicular traffic (including movement of all equipment), and storage of construction materials shall be restricted to establish construction areas as indicated by flagging, fencing, and/or signage. No equipment should be staged off Edgar Canyon Road to reduce impacts to Little San Gorgonio Creek.

BIO-4. Conduct Nesting Bird Surveys. If Project activities occur during the bird nesting season (i.e., February 1 through September 1), a pre-construction nesting bird survey should be performed by a qualified biologist no more than three days prior to any construction activities to avoid any direct or indirect impacts to active nests and thus ensure compliance with the Migratory Bird Treaty Act (MBTA) and California Fish and Wildlife Code.

Additional measures may be put in place based on the results of the nesting bird survey at the discretion of the biologist performing the survey. These may include measures such as construction personnel training, the establishment of no disturbance buffers, on-site construction monitoring and/or spot monitoring.

3.5 CULTURAL RESOURCES

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

The cultural resources inventory was conducted as a component of compliance with both Section 106 and the CEQA. The tasks to accomplish the inventory consisted of literature review and archival research. According to §15064.5 of the CEQA Guidelines, generally, a resource is considered “historically significant” by a lead agency if the resource meets the criteria for listing on the California Register of Historical Resources (California Public Resources Code, §5024.1, Title 14 CCR, §4852) including the following: (A) is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage; (B) is associated with the lives of persons important in our past; (C) embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or (D) has yielded, or may be likely to yield, information important in prehistory or history. A historical resource could be an object, building,

structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant based on the above-stated criteria, provided the lead agency's determination is supported by substantial evidence in light of the whole record.

The search of the Sacred Lands File of the NAHC did not indicate the presence of Native American cultural resources in the vicinity of the project location. The NAHC responded on July 20th, 2022, indicating a negative result.¹² Archeological or built-environment field surveys of the area of direct effect have been completed. One historic-period archaeological site was found adjacent to the project area alignment. The site consists of four weathered cans—one can that was identified as a pull top aluminum top with a steel body. The other three cans were sanitary cans. The proposed project is unlikely to disturb this resource. No other cultural resources were found in or adjacent to the project area.

Results of the review of the survey reports and site records provided by the Eastern Information Center and the South Central Coastal Information Center indicate that a total of two previous cultural resource inventories or other archaeological investigations have been conducted within a one-quarter-mile-radius of the project area. Of these reports, two (Swanson 1990, and Brunzell 2018) did not include portions of the current project area, but the reports give context to the history of the area. The records search also revealed that there is one previously recorded cultural resource (33-001550) located 0.03 mile east of the project area. There are no previously recorded cultural resources within or adjacent to the project area; therefore, no eligible or listed cultural resources will be impacted as a result of the proposed project. The Project would not constitute a significant impact to any historical resources under CEQA; therefore, no further cultural resources work is recommended.

Impacts/Environmental Consequences

- a) **No Impact.** The proposed Project/Action would involve minimal ground disturbance, in the form of pipeline trenching and drilling and pipeline rehabilitation. Previously disturbed soils can be found throughout the Proposed Project/Action area because of the construction of existing pipeline infrastructure, now proposed to be abandoned. The entire Project area has been disturbed through grading and disking; thus, any construction activities would not constitute a significant impact to any historical resources under CEQA. The proposed Project would have no impact on any historical resources as defined in §15064.5.
- b) **Less than Significant with Mitigation Incorporated.** While Project improvements are not anticipated to impact native base rock or native soils that could contain unique archaeological sites deemed significant per §15064.5 of the CEQA Guidelines, Mitigation Measure CULT-1 would reduce the potential for impact to less than significant.
- c) **Less than Significant with Mitigation Incorporated.** The closest cemetery to the proposed Project alignment is the Mountain View Cemetery located approximately 3.26 miles of the Project site. Project activity would not impact the cemetery. Though unlikely, Mitigation Measure CULT-2 would reduce impacts to human remains to less than significant.

¹² Geovironment Consulting (October 7, 2022). A Phase I Cultural Resources Inventory Beaumont-Cherry Valley Water District New Water Line Project Yucaipa Through Cherry Valley, San Bernardino and Riverside Counties, California

Mitigation Measures

CULT-1. Archeological Resources. If unanticipated cultural resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a qualified paleontologist to assess the significance of such resources and shall meet with the County Director of Development Services to assess the significance of such resources and shall meet and confer regarding mitigation for such resources in order to comply with California Public Resources Code §21083.2(b).

CULT-2. Human Remains. If human remains are encountered, California Health and Safety Code §7050.5 states that no further disturbance shall occur until the Riverside County Coroner has made the necessary findings as to origin. Further, pursuant to California Public Resources Code §5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission must be contacted within 24 hours. The Native American Heritage Commission must then immediately identify the "most likely descendants(s)" for purposes of receiving notification of discovery. The most likely descendant(s) shall then make recommendations within 48 hours and engage in consultation concerning the treatment of the remains as provided in Public Resources Code §5097.98.

3.6 ENERGY

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

Section 4.1 Energy Resources of the Riverside County General Plan EIR defines “energy” as a force that enables “work” to be done and “energy conservation” is defined in terms of: decreased reliance on natural gas and electricity; decreased per-capita energy consumption; and increased use of renewable energy sources. “Energy efficiency” involves the creation and use of technology to produce the same end product using less energy.¹³ The Project would be subject to the most recent rulemaking updates to CCR Title 24, Building Energy Efficiency Standards. Title 24 efficiency standard for residential and nonresidential new construction and alterations are updates approximately every three years building for windows, insulation, lighting, air conditioning systems, water heating, digital controls, escalators, elevators, and

¹³ County of Riverside (2015, February). County of Riverside General Plan Environmental Impact Report. Section 4.1 Energy Resources

other features that reduce energy consumption in houses and businesses. Since 1878, Title 24 standards have helped protect the environment by reducing more than 250 million metric tons of greenhouse gas emissions (or equivalent of removing 37 million cars off California roads).¹⁴ The Project would also be subject to goals and policies in the County's Climate Action Plan, prepared on November 2019.¹⁵ In addition, the Project would be subject to energy efficiency regulations such as AB 341 signed on July 1, 2012, requiring all businesses in California that generate four or more cubic yards of waste per week (.i.e., the size of a dumpster) to recycle.

Impacts/Environmental Consequences

- a) ***Less than Significant Impact.*** Project compliance with State and local energy efficiency regulations, standards and goals would reduce the potential for environmental impact due to wasteful, inefficient or unnecessary consumption of energy resources, during Project construction or operation to a less than significant impact.

- b) ***Less than Significant Impact.*** The proposed Project/Action would also be subject to the goals and policies of San Bernardino County and Riverside County discussed above. The Community of Cherry Valley's hauler, Waste Management, offers a wide variety of recycling services. The Project would result in less than significant impact to state or local plan for renewable energy or energy efficiency.

Mitigation Measures

None required or recommended.

¹⁴ State of California (2019, April). California Energy Commission.

¹⁵ County of Riverside (2019, November). County of Riverside Climate Action Plan Update.

3.7 GEOLOGY AND SOILS

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

Oak Glen in unincorporated San Bernardino County and Cherry Valley in unincorporated Riverside County are located in a seismically active region. As is the case for most areas of southern California, ground shaking results from earthquakes are associated with nearby and more distant faults may occur at the Project site. Ground shaking can induce “secondary” seismic hazards such as liquefaction, dynamic densification, and ground rupture, including dynamic settlement (liquefaction and/or dry settlement). Liquefaction is the transformation of a granular material from a solid state into a liquefied state due to

increased pore-water pressures. Soils and clastic sediment with particle size in the medium sand to silt range are particularly susceptible to liquefaction when they are saturated with water and shaken by an earthquake. Liquefaction at or near the surface can result in foundation failure and property damage.

The main purpose of the Alquist-Priolo Earthquake Fault Zoning Act is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. It requires any structure for human occupation to be set back at least 50 feet from an active fault. According to the California Geologic Survey (CGS), faults are classified as active, potentially active, or inactive. Under Alquist-Priolo Earthquake Fault Zoning Map Act, the State of California defines active faults as faults that have historically produced earthquakes or shown evidence of movement within the past 11,000 years (during the Holocene Epoch). The Project site is located in the seismically active Southern California region characterized by major faults and fault zones.

Impacts/Environmental Consequences

a)i) *Less than Significant Impact.* The Project is located between the San Andreas Fault Zones; however, according to Riverside County and San Bernardino County Fault Zone Maps, there is no indication of any active faults or fault zones projecting toward or extending across the Project site. The nearest active sites to the Project area are the San Gorgonio Pass Fault Zone located approximately 0.63 miles to the southwest of the Project site, Banning Fault located approximately 3.07 miles to the southwest of the Project site and the San Andreas Fault located approximately 3.98 miles to the northeast of the Project site. Additionally, according to the Riverside County Parcel Report for the Project site, the Project currently isn't located within a designated Alquist-Priolo (AP) Earthquake Fault Zone.¹⁶ Impacts to people or structures, including risk of loss, injury, or death, due to rupture of an earthquake fault as a result of the Project would be less than significant.

a)ii) *Less than Significant Impact.* During the life of the Project, seismic activity associated with active faults can be expected to generate moderate to strong ground shaking at the site. The potential for surface rupture resulting from the movement of nearby major faults is not known with certainty but is considered low. The Project would be subject to compliance with Title 15, Chapter 15.60 Earthquake Fault Area Construction of the Codified County of Riverside Ordinance as it may relate to the Project. As a result, impacts to people or structures, including risk of loss, injury, or death, associated with seismic ground-shaking would be less than significant as a result of the Project.

a)iii) *Less than Significant Impact.* According to the Riverside County Parcel Report for the Project site, the Project has low potential for liquefaction. According to the San Bernardino County Land Use Plan General Plan Geological Hazard Overlay map, the Project site has low potential for liquefaction.¹⁷ In addition, the Project would comply with the Codified County of Riverside Ordinance, including Title 15 Building and Construction for development of the Project. Therefore, potential impacts associated with seismic-related failure, including liquefaction, are considered less than significant.

¹⁶ California Department of Conservation (2022). California Geological Survey Alquist-Priolo Earthquake Fault Zones. Retrieved from: <https://www.conservation.ca.gov/cgs/alquist-priolo>

¹⁷ San Bernardino County (2022). San Bernardino County Land Use Plan General Plan Geological Hazard Overlays Map, Mountain Region, Oak Glen FI25C.

a)iv) *Less than Significant Impact.* According to the Pass Area Plan Slope Stability map in the County of Riverside General Plan and the San Bernardino County Land Use Plan, General Plan Geological Hazard Overlay map, the Project area is located in an area with a low to locally moderate susceptibility to seismically induced landslides and rockfalls. Seismically induced landslides and other slope failures are common occurrences during or soon after earthquakes. In addition, the Project would comply with the Codified County of Riverside Ordinances, Title 15 Building and Construction for development of the Project. As a result, the potential for a landslide would be considered less than significant for the Project area.

b) *Less than Significant with Mitigation Incorporated.* Construction of the Project could result in soil erosion or loss of topsoil during grubbing and grading activity and development activity. In areas that would require topsoil exposure for construction of new pavement, exposed soils would be compacted and paved over quickly and/or properly covered until developed. In general, the Project would be required to comply with the Codified County of Riverside Ordinances, including Chapter 16.52, Soil Erosion, and Chapter 13.12, Stormwater Drainage System Protection Regulations. Additionally, the Project would be required to comply with Section 402 of the federal Clean Water Act which requires preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) for projects impacting 1 or more acres of landmass. Furthermore, all construction activities would be required to comply with SCAQMD Rule 403 regarding the control of fugitive dust. In addition, implementation of Mitigation Measure GEO-1 would reduce impacts involving soil erosion or loss of topsoil to less than significant levels.

c) *Less than Significant Impact.* According to the Pass Area Plan Seismic Hazards map, the Project site isn't located within close proximity to an active fault zone.¹⁸ Additionally, the Project site was previously developed, and the project includes replacing the existing pipeline. Compliance with the applicable County building and construction codes could lessen impacts associated with any potential for unstable geological unit or soil and associated potential for on-or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse to less than significant.

d) *Less than Significant Impact.* Expansive soils shrink when dry and swell when wet as a result of a high percentage of clay. Expansion can exert enough pressure to crack sidewalks, driveways, basement floors, pipelines, and even foundations. Soils within the limits of work consist of Oakdale sandy loam, 2 to 9 percent slopes (OaC), Oak Glen fine sandy loam, 5 to 15 percent slopes (OkD), Ramona sandy loam, 15 to 25 percent slopes, severely eroded (RaE3), Tujunga loamy sand, channeled, 0 to 8 percent slopes (TvC), Hanford coarse sandy loam, 8 to 15 percent slopes, eroded (HcD2), Greenfield sandy loam, 8 to 15 percent slopes, eroded (GyD2), and Terrace escarpments (TeG).¹⁹ Compliance with the applicable County building and construction codes would lessen impacts associated with any potential for expansive soils to less than significant.

e) *No Impact.* The proposed Project/Action would not involve the use of septic tanks or alternative waste disposal systems. Therefore, no impact related to incapability of soil to support the use of septic tanks or alternative wastewater disposal systems would occur.

¹⁸ County of Riverside (2021, September 28). County of Riverside General Plan, Safety Element, Figure 1: Fault Lines

¹⁹ Soil Survey Staff, Natural Resource Conservation Service (2019). United States Department of Agriculture (USDA) NCRS Web Soil Survey App, Survey Area (SSURGO). Website:

<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx> Accessed: July, 2022

- f) ***Less than Significant with Mitigation Incorporated.*** Paleontological resources are the fossilized biotic remains of ancient environments, including fossilized flora and fauna. Riverside County has been assessed for geologic formations known to potentially contain paleontological resources. Lands with low, undetermined or high potential for finding paleontological resources are mapped on the County's Paleontological Sensitivity Resources map.²⁰ This map is used in the environmental assessment of development proposals and the determination of required impact mitigation. Riverside County has an extensive record of fossil life starting in Jurassic time, 150 million years ago. The County of Riverside General Plan Paleontological Sensitivity Map shows the Project site in an area of "low potential" for paleontological resources. Paleontological fossils are typically encountered during grading in geological formations that contain important non-human fossil. The Project would result in shallow subsurface impacts within a developed and disturbed area. While Project improvements are not anticipated to impact native base rock or native soils that could contain unique paleontological sites, implementation of Mitigation Measure GEO-2 would reduce the potential for significant impact to paleontological resources to less than significant.

Mitigation Measures

GEO-1 Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP). Prior to issuance of a Grading or Building Permit, and as part of compliance with the NPDES requirements, a Notice of Intent shall be prepared and submitted to the Santa Ana Regional Water Quality Control Board (RWQCB) providing notification and intent to comply with the State of California General Construction Permit. A copy of the SWPPP shall be available and implemented at the construction site at all times. The SWPPP shall outline the source control and/or treatment control BMPs to avoid or mitigate runoff pollutants at the construction site to the "maximum extent practicable." All recommendations in the Plan shall be implemented during area demolition/preparation, grading, and construction. The Project shall comply with each of the recommendations detailed in the Plan to mitigate potential storm water runoff impacts. Construction Best Management Practices (BMPs) included in the Plan, shall include but not be limited to:

- Construction waste shall be disposed of properly in accordance with applicable federal, state and local regulations. Use appropriately labeled recycling bins to recycle construction materials including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.
- Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.
- Dumpsters shall be covered and maintained.
- Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.
- Vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains or exposed soils. Major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.
- Regularly water newly graded areas and exposed dirt stockpiles;

²⁰ County of Riverside (2013, December 16). County of Riverside General Plan, Open Space Element, Figure OS-8 – Paleontological Sensitivity.

- Follow Project SWPPP procedures to prevent sediment and nuisance runoff from entering the drainage.

GEO-2. Paleontological Resources. If unanticipated paleontological resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a paleontologist to assess the significance of such resources and shall meet with the County Director of Development Services to confer regarding mitigation for such resources in order to comply with California Public Resources Code §5097.5.

3.8 GREENHOUSE GAS EMISSIONS

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

As described in Section 3.3, Air Quality, SCAQMD is the agency principally responsible for comprehensive air pollution control in the San Bernardino County and Riverside County areas. Climate change and GHG emissions have been addressed through a series of state legislation and executive orders. Greenhouse gas (GHG), as codified in CEQA Guidelines §15364.5, includes, but is not limited to, carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. Greenhouse gases are gases that cause and contribute to climate change, commonly referred to as global warming. They vary in potency and are usually measured in tons or million metric tons of carbon dioxide equivalents. Transportation followed by electricity generation and natural gas used in buildings are the largest sources of California’s GHG emissions. As legislation like Assembly Bill 32 (California Global Warming Solution Act of 2006), California Senate Bill 97 and Executive Order S-3-05 have brought the requirement for GHG reductions to the forefront of Californian conscientious, GHG reductions have become important, through increased vehicle fuel efficiency, building energy efficiency and increased reliance on renewable energy sources.

To date, neither California Air Resources Board (CARB), SCAQMD, nor the County of Riverside and County of San Bernardino has adopted significance thresholds for GHG emissions for commercial development under CEQA. On December 5, 2008, SCAQMD prepared Agenda No. 31, the Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans.

Impacts/Environmental Consequences

- a) **Less than Significant Impact.** Air quality modeling was not completed for the Proposed Project/Action as the details of components have not yet been defined. Operation of the Proposed Project/Action is expected to be below the SCAQMD threshold. The proposed project consists of

replacing 3,000 feet of existing pipeline within the BCVWD service area. It would not increase population or traffic. It is anticipated that construction of the Project would not generate GHG emissions that would impact the regional GHG attainment goals. The Proposed Project/Action is not expected to generate GHG emissions that would have a significant impact on the environment. Thus, impacts would be less than significant, and no mitigation is required.

b) No Impact. The Proposed Project/Action would not conflict or impact any applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. No impact would occur.

Mitigation Measures

None required or recommended.

3.9 HAZARDS AND HAZARDOUS MATERIALS

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

Hazardous materials include chemicals and other substances defined as hazardous by Federal and state laws and regulations. Hazardous materials that may be associated with construction sites includes fuels, motor oil, grease, various lubricants, solvents, soldering equipment, and glues. The California Department of Toxic Substances Control maintains a database containing information on properties in California where hazardous substances have been released, or where the potential for a release exists. This database is commonly known as EnviroStor and is one of a number of lists that make up the "Cortese List" (i.e., a list of hazardous materials sites compiled pursuant to Government Code section 65962.5). There are no sites included on the list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 in the vicinity of the proposed project area (California Department of Toxic Substances Control, 2017).

The nearest public airport to the Proposed Project/Action site is the Banning Municipal Airport in Banning, CA (BNG/KBNG) which is 9 miles away.

Impacts/Environmental Consequences

- a) ***Less than Significant with Mitigation Incorporated.*** Construction activities associated with the proposed Project would use small quantities of hazardous and flammable substances routinely utilized in the operation of equipment and vehicles, including but not limited to, oil, diesel fuel, and transmission fluid. Transport, use, or disposal of these hazardous substances during construction would occur according to instructions provided by the product manufacturer, including proper methods of storage and disposal. The potential for the release of these materials is considered low and, even if a release were to occur it would not result in a significant hazard to the public, surrounding uses, or the environment due to the small quantities of these materials associated with construction and operation. However, to ensure the Project area is kept clean and free of hazards during construction, the Project would implement Mitigation Measure HAZ-1 described below. Therefore, the proposed Project would have a less than significant impact with mitigation incorporated on the public or the environment as a result of the routine transport, use, or disposal of hazardous materials.
- b) ***Less than Significant with Mitigation Incorporated.*** The Project would involve the use of concrete, asphalt, slurry seal, paint, and solvents during construction. Use and storage of such hazardous materials would be required to comply with product labeling and disposal requirements. As discussed above in item 3.9 a), the Project would implement spill prevention and clean-up best management practices identified in Mitigation Measure HAZ-1 described above to reduce the potential for the release of hazard to the public or the environment through during construction of the Project. As a result, impacts to the public and environment from hazardous materials would be less than significant.
- c) ***Less than Significant Impact.*** The Project would involve the use of concrete, asphalt, slurry seal, paint, and solvents during construction use and storage of which would be required to comply with product labeling. Cherry Valley Brethren Preschool is the nearest school to the Project site located approximately 2.09 miles to the southwest of the anticipated construction route. The proposed Project does not involve transporting or emitting acutely hazardous materials that could result in a danger to a nearby school. Impacts resulting from emission of acutely hazardous materials in proximity to a school would be less than significant.

- d) **No Impact.** The proposed Project is not located on a site included on a list of hazardous materials sites compiled pursuant to California Government Code §65962.5. (www.envirostor.dtsc.ca.gov/public/ or <http://geotracker.waterboards.ca.gov> accessed on January 25, 2023). No impact would occur.
- e) **No Impact.** The Project is not located within an airport land use plan or within 2 miles of a public airport or public use airport, and it would not result in a safety hazard for people residing or working in the Project area. No impact would occur.
- f) **No Impact.** County of Riverside Code Chapter, 2.100, Emergency Services provides for, among other responsibilities, the preparation and implementation of plans for the protection of persons and property within the County in the event of the emergency or disaster conditions; and the coordination of the disaster functions of the County with all other public agencies, corporations, organizations, and affected private persons. The Project would comply with Codified County of Riverside Ordinances, including Title 15 specifying building and construction standards, and no impact to an adopted emergency response plan or emergency evacuation plan would result from the Project.
- g) **Less than Significant Impact with Mitigation Incorporated.** The Project is located in an area of Very High/High/Moderate FHSZ on the Wildfire Susceptibility map for the Pass Area Plan of the County of Riverside General Plan. The topography is dominated by hillsides and canyons, resulting in channels or air flow that can create extremely erratic winds on the slopes and in the canyons. The potential for a severe wildfire to occur is increased if dense vegetation growth and accumulations of dead plant material are present. Weather conditions and steep terrain also increase the hazardous wildfire potential; however, these conditions do not cause wildfires. The potential for risk of loss, injury or death due to wildlands fires exist in the Project area. Human error, arson, high-voltage lines, vehicles and lightning are the primary causes of wildfires. In order to ensure that the Project does not result in a fire hazard, Mitigation Measure HAZ-2, described below, will be implemented to reduce the potential for impacts resulting from wildlands fires to less than significant with mitigation incorporated.

Mitigation Measures

HAZ-1. Spill Prevention and Clean-up Best Management Practices. To reduce the potential for materials and pollutants associated with construction to be discharged to the environment, the Project Proponent will implement the following:

- Containment and cleanup equipment (e.g., absorbent pads, mats, socks, granules, drip pans, shovels, and lined clean drums) will be at the staging areas and construction site for use, as needed.
- Staging areas where refueling, storage, and maintenance of equipment occur will not be located within 100 feet of drainages to reduce the potential for contamination by spills.
- Construction equipment will be maintained and kept in good operating condition to reduce the likelihood of line breaks or leakage.
- No refueling or servicing will be done without absorbent material (e.g. absorbent pads, mats, socks, pillows, and granules) or drip pans underneath to contain spilled material. If these activities result in an accumulation of materials on the soil, the soil will be removed and disposed of properly.

- If a spill is detected, construction activity will cease immediately, and the Contractor will immediately react to safely contain and remove spilled materials.
- Spill areas will be restored to pre-spill conditions, as practicable.

HAZ-2. Fire Prevention Best Management Practices. In order to reduce the potential for a wildfire during construction, the Project will implement the following mitigation measures:

- Comply with Applicable Laws. Comply with all applicable laws of the State of California.
- Confine Welding Activity. Confine welding activity to areas having a minimum radius of ten feet cleared to mineral soil, wet down an area within 25 feet in all directions from welding operations with a 0.3 percent Class A Foam Solution, and utilize a welding tent or metal shield where possible to deflect sparks. Include one shovel and one backpack five-gallon water-filled tank with pump with each welder.
- Prevent Fire and Extinguish Fires. Be responsible for preventing the escape of fires as a result of Project construction and have a fully charged fire extinguisher (U.L. rated at 2-A: 10-B: C, or larger) on each truck, personnel vehicle, tractor, grader and other heavy equipment, at all times.
- Prohibit Smoking. Under no circumstances shall smoking be permitted while employees are operating light or heavy equipment, or walking or working, near native habitat.
- Clear Key Areas of Flammable Material. Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least ten feet. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine.
- Remove Waste. The construction contractor shall remove all waste materials from the Project site on a daily basis, as able.
- Notify 9-1-1. Construction workers shall notify 9-1-1 of any fires along roads or in or near the Project area as soon as feasible.
- Maintain Fire Prevention Service Access. Access roads shall remain open and passable for emergency vehicles at all times.
- Use Spark Arrestors. Equip all diesel and/or gasoline-operated engines with spark arrestors that meet standards set forth in the National Wildfire Coordinating Group publication for Multi-position Small Engines, #430-1, or General Purpose and Locomotive, #430-2. Spark arrestors are not required on equipment powered by exhaust-driven turbo charged engines or motor vehicles equipped with a maintained muffler.

3.10 HYDROLOGY AND WATER QUALITY

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
(i) result in substantial erosion or siltation on- or off-site;	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

The Santa Ana River Watershed encompasses a portion of San Bernardino County and Riverside County and the proposed Project/Action is entirely within the Santa Ana River Watershed. The proposed Project/Action site is within the boundary of the Santa Ana Region Basin Plan for surface and groundwater.

Impacts/Environmental Consequences

- a) **Less than Significant with Mitigation Incorporated.** The proposed Project would not result in an increase in impervious surfaces. The Project would not result in downstream water pollution (e.g.,

bacterial indicators, metals nutrients pesticides, toxic organic compounds, sediments trash & debris, oil & grease), sedimentation, and/or flooding. Potential short-term surface water quality impacts related to Project construction activities include runoff of loose soils and/or construction wastes and fuels that could potentially percolate into the ground or enter Little San Geronio Creek. However, the Project would be required to comply with Section 402 of the Clean Water Act, which requires the preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) for construction impacts to 1 acre or more. Implementation of Mitigation Measure GEO-1 Prepare and Implement a SWPPP identified in Section 3.7. Geology and Soils would reduce impacts to water quality standards during construction to less than significant.

- b) *No Impact.*** The Project would replace an existing pipeline to improve the BCVWD water purveyance system. The Project is not anticipated to alter or deplete groundwater supplies or interfere with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. No impact to groundwater would occur as a result of the Project.
- c)i) *Less than Significant with Mitigation Incorporated.*** The Project wouldn't substantially alter the existing drainage pattern of the sites or areas, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or offsite. With implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section 3.7. Geology and Soils, the Project wouldn't substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river in a manner which would result in substantial erosion or siltation on-or offsite. Impacts will be less than significant with mitigation incorporated.
- c)ii) *Less than Significant Impact with Mitigation Incorporated.*** The proposed Project/Action would not increase impervious surfaces and/or nuisance and storm flows such that flows could not be accommodated by the existing storm drain system. Existing drainage will remain unaltered given the existing urban development of the site. The Project would not result in runoff that would exceed the capacity of existing or planned storm water drainage systems or result in downstream water pollution (e.g., pathogens, sedimentation, metals, hydrocarbons, nitrates). With implementation of Mitigation Measure GEO-1: Prepare and Implement a SWPPP identified in Section 3.7. Geology and Soils, the Project wouldn't create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Impacts will be less than significant with mitigation incorporated.
- c)iii) *Less than Significant Impact with Mitigation Incorporated.*** The Project would not increase impervious surfaces and/or nuisance and storm flows such that flows could not be accommodated. The Project would not result in runoff that would exceed the capacity of existing or planned storm water drainage systems or result in downstream water pollution (e.g., pathogens, sedimentation, metals, hydrocarbons, nitrates). Impacts from Project runoff water to the storm drain system or water quality would be reduced to less than significant with mitigation measure GEO-1.
- c)vi) *No Impact.*** The proposed Project/Action is located in Zone D, according to FEMA Flood Panel #06065C0140G. The Project is anticipated to result in no impact with regard to impeding or redirecting flows.

- d) **No Impact.** The Proposed Project/Action is located inland and away from any open water sources or flood control dam that could result in a seiche, tsunami, or mudflow. No impact would occur.
- e) **No Impact.** Little San Gorgonio Creek flows into San Timoteo Creek, which flows to the Santa Ana River and out to the Pacific Ocean. The Project site is within the boundary of the Santa Ana Region Basin Plan for surface and groundwater. The Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. No impact would occur.

Mitigation Measures

GEO-1. Prepare and Implement a SWPPP identified in Section 3.7.

3.11 LAND USE AND PLANNING

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

The Proposed Project/Action is located within Edgar Canyon Road, a dirt rural collector road. The site is within Oak Glen in unincorporated San Bernardino County and Cherry Valley in unincorporated Riverside County. The project vicinity is designated OG/RL-20 Rural Living and W-2 Controlled Development Areas.

Impacts/Environmental Consequences

- a) **No Impact.** The proposed Project involves improvements to the BCVWD’s water purveyance system in the Community of Cherry Valley and Community of Oak Glen. The area surrounding the Project site includes rural residential properties to the west and east, controlled development areas near the south end of the pipeline and vacant rural residential zoning in the northern section of the pipeline. In its built condition the pipeline would be invisible and located in Edgar Canyon Road, a dirt rural collector road. The Project wouldn’t physically divide an established community and no impacts are anticipated.
- b) **No Impact.** The Project site is zoned OG/RL-20 (rural residential living) in the community of Oak Glen in San Bernardino County and is zoned W-2 (controlled development areas) in the community of Cherry Valley in Riverside County. No general plan amendment or zone change would be required for the Project. No general plan or zone change would be required for the Project. The

Project would not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. No impact is anticipated.

Mitigation Measures

None required or recommended.

3.12 MINERAL RESOURCES

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

The proposed Project/Action area in San Bernardino County and Riverside County is classified as Mineral Resource Zone (MRZ)-3.²¹ MRZ-3 indicates significance of mineral deposits is undetermined. There are no mineral extraction areas within the project area or vicinity.

Impacts/Environmental Consequences

a) No Impact. The Proposed Project/Action is located in the communities of Oak Glen and Cherry Valley. The Project is located within a MRZ-3, an area with undetermined significant mineral deposits according to Figure 4.14.1 Mineral Resource Zones.²¹ The Project would not result in the loss of the availability of a known mineral resource that would be of value to the region and the residents of the state. No impact would occur.

b) No Impact. According to the County of Riverside General Plan Pass Area Plan, the Project is located in a MRZ-3, an area with no significant mineral deposits.²¹ No locally important mineral recovery site exists on the Project site or vicinity. The Project wouldn't result in the loss of availability of a mineral recovery site identified in a local general plan, specific plan, or other land use plan. No impact would occur.

Mitigation Measures

None required or recommended.

²¹ County of Riverside (December 16, 2003). County of Riverside Environmental Impact Report No. 521, Section 4.14, Figure 4.14.1 Mineral Resource Zone

3.13 NOISE

Would the project result in:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive ground borne vibration or ground borne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

Pursuant to Chapter 9.52.010, Noise Regulation, of the Codified County of Riverside Ordinance, when sound becomes noise it may jeopardize the health, safety, or general welfare of Riverside County residents and degrade their quality of life. Section 9.52.020, Exemptions, dismisses sound emanating from a list of sources, including A) facilities owned or operated by or for a government agency; and B) capital improvement projects of a government agency. The Project is designated as Rural Mountainous, Rural Residential and Rural Living land use. Section 9.52.040 of the Riverside County’s noise regulation establishes the following sound level standard as shown in Tables 3 and 4 below.

Table 3. County of Riverside Exterior Sound Level Standards (dB L_{max})

General Land Use Designation	Maximum Decibel Level	
	7:00 a.m. – 10:00 p.m.	10:00 p.m. – 7:00 a.m.
Residential (RR and RM)	45 dB (A)	45 dB (A)

Table 4. County of San Bernardino Noise Standards for Stationary Sources

Affected Land Uses (Receiving Noise)	7:00 a.m. – 10:00 p.m. Leq	10:00 p.m. – 7:00 a.m. Leq
Residential	55 dB(A)	45 dB (A)
Professional Services	55 dB (A)	55 dB (A)
Other Commercial	60 dB (A)	60 dB (A)

Industrial	70 dB (A)	70 dB (A)
Leq = (Equivalent Energy Level). The sound level corresponding to a steady-state sound level containing the same total energy as a time-varying signal over a given sample period, typically one, eight or 24 hours.		
dB(A) = (A-weighted Sound Pressure Level). The sound pressure level, in decibels, as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound, placing greater emphasis on those frequencies within the sensitivity range of the human ear.		
Ldn = (Day-Night Noise Level). The average equivalent A-weighted sound level during a 24-hour day obtained by adding 10 decibels to the hourly noise levels measured during the night (from 10:00 p.m. to 7:00 a.m.). In this way Ldn takes into account the lower tolerance of people for noise during nighttime periods.		
Source: San Bernardino County (2023 January). San Bernardino County Municipal Code Section 83.01.080 Noise, Table 83-2		

However, as discussed above, the Project is qualified as exempt from noise regulations per Section 9.52.020. Chapter 9.52 Noise Regulations, Section 9.52.020– Exemptions (H) Private construction projects located one-quarter of a mile or more from an inhabited dwelling; and (I) Private construction projects located within one-quarter of a mile from an inhabited dwelling, provided that:

1. Construction does not occur between the hours of six p.m. and six a.m. during the months of June through September, and
2. Construction does not occur between the hours of six p.m. and seven a.m. during the months of October through May.²²

Exempt noise according to the San Bernardino County Development Code, Section 83.01.080 (g)(3), includes: (1) Motor vehicles not under the control of commercial or industrial use; (2) Emergency equipment, vehicles, and devices; (3) Temporary construction, maintenance, repair, or demolition activities between 7:00am and 7:00pm, except Sundays and Federal Holidays. Construction activities will abide by the County’s Development Code to mitigate potential noise impacts.²³

Construction noise is one of the most common mobile noise sources in the County and the use of pile drivers, drills, trucks, pavers, graders, and a variety of other equipment can result in short, sporadic elevated noise levels. Typical operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings. Construction noise reduction methods should be utilized to the maximum extent feasible near sensitive receptors, such as homes.

Impacts/Environmental Consequences

- a) **Less than Significant Impact.** Since the Project is not itself growth-inducing, any incremental increase in noise is not anticipated to result in exceedance of noise level standards and therefore would not be readily audible over ambient noise levels at any of the nearby sensitive receptors,

²² County of Riverside (January 2023) Riverside County Code of Ordinances, Title 9 – Public Peace, Morals, and Welfare, Chapter 9.52 Noise Regulation.

²³ San Bernardino County (2021 November). San Bernardino County Municipal Code Section 83.01.080 Noise

namely the rural residences south of the Project site. Project operational noise would comply with the goals and policies of the County’s General Plan and is not expected to expose sensitive receptors to excessive noise levels and impacts are anticipated to be less than significant.

- b) *Less than Significant Impact.*** Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength and distance. Buildings respond to these vibrations with varying results ranging from no perceptible effects at the low levels to slight damage at the highest levels. Construction activity can result in varying degrees of ground vibration, depending on the equipment used on the site but is expected to be very short term and is not anticipated to result in structural damage. No increase in ground borne vibration or noise is anticipated during Project operation. In general, no significant impacts involving vibration or ground borne noise level would result from the Project and impacts would be less than significant.
- c) *No Impact.*** The closest airport is the Banning Municipal Airport located approximately 9 miles southeast of the Project site. The Project is not located within an airport land use plan or within two miles of a public airport. No impact would occur.

Mitigation Measures

None required or recommended.

3.14 POPULATION AND HOUSING

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

The population of the Cherry Valley community was approximately 6,362 at the 2010 census and 5,891 at the 2000 census. Population grew in the community at a rate of approximately 7 percent which is significantly slower than the greater Riverside County, which has doubled in a twenty-year span and estimated to be 2,450,758 as of 2018.

Impacts/Environmental Consequences

- a-b) *No Impact.*** The Project proposes construction of a 3,000-foot pipeline replacement. BCVWD has been servicing the area since approximately 1919 with water infrastructure. While the proposed Project wouldn’t induce growth in the community, it would enable the District to meet future water

demand in the area. No impact involving substantial population growth in the area is anticipated as a result of the Project.

Mitigation Measures

None required or recommended.

3.15 PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

Public service facilities in the Project area are available in Table 5.

Table 5. Public Service Facilities

Public Service	Location in or near Cherry Valley	Distance from Project Site
Fire Station No. 22	10055 Avenida-Mirevilla Beaumont, CA 92223	~1.69 miles
Beaumont Police Department	660 Orange Ave, Beaumont, CA 92223	~5.12 miles
Beaumont Public Library	125 E 8 th Street Beaumont, CA 92223	~5.35 miles
Bogart Park	9600 Cherry Avenue	~0.41 miles

Source: City Website and Google Earth, 2018

Note: “~” = approximately

Impacts/Environmental Consequences

- a) **No Impact.** The Project would not involve an increase in population using public services with exception of approximately 6-8 construction workers. The Project involves water purveyance to meet future demand in BCVWD’s service area. The operation would be maintained by existing

BCVWD’s staff. The Project would not result in significant threats of deterioration to the existing levels of service at public service facilities nor the need to build additional public service facilities. No impact to public services would occur as a result of the Project

Mitigation Measures

None required or recommended.

3.16 RECREATION

	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

Parks and recreation facilities in San Bernardino County and Riverside County include state wildlife areas; river recreation; parks for recreation and community events; and sports facilities.

Impacts/Environmental Consequences

a-b) No Impact. The Project proposes an increase in water conveyance system. The Project would not impact recreational facilities or require the construction or expansion of recreational facilities which would otherwise have an adverse physical effect on the environment. No impacts to park facilities or other recreational facilities are expected as a result of implementing this Project.

Mitigation Measures

None required or recommended.

3.17 TRANSPORTATION/TRAFFIC

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

In the vicinity of the proposed Project/Action area, most roadways are classified as local roads. The project alignment is located within Edgar Canyon Road, a dirt, rural collector road. This unpaved road is used by vehicles associated with normal District maintenance.

Impacts/Environmental Consequences

- a) **No Impact.** The Project doesn't include alternative modes of transportation, bicycles or pedestrian facilities. Construction and operation of the Project would result in an incremental increase in traffic on nearby roads but would not result in an appreciable increase in traffic to the existing average daily traffic (ADT) on street segments or the level of service (LOS) at intersections. Under California law, every county with an urbanized area of 50,000 or more people must adopt a Congestion Management Program (CMP). The Project's contribution of vehicles to the local CMP-monitored corridors would be minimal and would not result in a significant cumulative contribution to the flow of traffic on any major thoroughfares included in the congestion management program (CMP) system for Riverside County. The Project would not conflict with existing applicable plans, policies, or ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities. No impact to such facilities would result from the Project.
- b) **Less than Significant Impact.** The proposed Project/Action site is accessed by I-10 freeway and a local roadway network consisting of arterial, secondary, and collector streets such as Oak Glen Road. In general, daily construction vehicle trips would be short-term and have a relatively small impact on daily traffic generation in the area. In addition, through traffic on roadways in the construction areas would be maintained at all times during construction. The Project would result in less than significant impact to the circulation system as long as it complies with County's applicable plans, policies, and ordinance related to the circulation system. In addition, at the

County’s direction, construction traffic controls would be in place where deemed necessary, and at least one lane of travel would be open at all times for through traffic during construction. The Project would be serviced by a small crew of BCVWD employees during operation, as needed, and would not add appreciable vehicular traffic to the street system. Impacts would be less than significant.

c) **No Impact.** The proposed Project/Action would be designed and engineered in compliance with the County of Riverside and County of San Bernardino standards; Caltrans standards; and the requirements of the California Manual of Uniform Traffic Control Devices (CMUTCD), as applicable. As a result, the Project would not increase a hazard due to a design feature or incompatible use, and no impact would result.

d) **Less than Significant Impact.** The proposed Project/Action would be designed and engineered in compliance with the County of Riverside standards; Caltrans standards; and the requirements of the California Manual of Uniform Traffic Control Devices (CMUTCD), as applicable. At least one lane would remain open at all times for emergency access. A less than significant impact to emergency access is anticipated.

Mitigation Measures

None required or recommended.

3.18 TRIBAL CULTURAL RESOURCES

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

Assembly Bill (AB) 52 requires Lead Agencies consult with Native American tribes on the Native American Heritage Commission List to determine whether the tribes believe unique archaeological sites might exist on the proposed Project site. Initiation of consultation is required prior to public review of a Project CEQA document. Notification involves a letter with a brief Project description, location, lead agency contact information, and statement that the tribe has 30 days to request consultation. The lead agency must begin consultation within 30 days of receipt of tribal request. Public agencies, when feasible, are required to avoid damages to Tribal Cultural Resources (TCR): a site feature, place, cultural landscape, sacred place or object, which is of cultural value to a Tribe; and is either on or eligible for the California Historic Register or a local historic register; or the lead agency, at its discretion, chooses to treat the resource as a TCR (*Public Resources Code* [PRC] 21074 (a)(1)(A)-(B)).

Impacts/Environmental Consequences

a) No Impact. As mentioned in Section 3.5 Cultural Resources, the search of the Sacred Lands File of the NAHC did not indicate the presence of Native American cultural resources in the vicinity of the project location. The NAHC responded on July 20th, 2022, indicating a negative result.¹² Results of the review of the survey reports and site records provided by the Eastern Information Center and the South Central Coastal Information Center indicate that a total of two previous cultural resource inventories or other archaeological investigations have been conducted within a one-quarter-mile-radius of the project area. Of these reports, two (Swanson 1990, and Brunzell 2018) did not include portions of the current project area, but the reports give context to the history of the area. The records search also revealed that there is one previously recorded cultural resource (33-001550) located 0.03 mile east of the project area. There are no previously recorded cultural resources within or adjacent to the project area; therefore, no eligible or listed cultural resources will be impacted as a result of the proposed project. Due to the nature and location of the proposed Project, the tribe responded that it does not have any concerns with the Project's implementation, as planned, at this time. The project would not constitute a significant impact to any historical resources under CEQA; therefore, no further cultural resources work is recommended. No impact would occur.

b) No Impact. As identified in response a) above, Geovironment initiated consultation with the NAHC regarding the proposed Project. The NAHC did not indicate the presence of Native American cultural resources in the vicinity of the project location and did not require or recommend any further consultation with Tribes. No impact would occur.

Mitigation Measures

None required or recommended.

3.19 UTILITIES AND SERVICE SYSTEMS

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals??	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting/Affected Environment

The Proposed Project/Action area is in a rural canyon in San Bernardino County and Riverside County. The District owned property in Edgar Canyon includes the rural collector road the pipeline alignment is expected to run through.

Impacts/Environmental Consequences

- a) **Less than Significant Impact.** While the Project would improve the BCVWD purveyance system, the Project isn't growth-inducing and wouldn't require relocation or construction of facilities for water, wastewater, storm water drainage, electric power, natural gas, or telecommunications. The Project would improve the water purveyance in the BCVWD's service area in the near-term. The Project would not tie-in to the existing sewage system. Impacts on utilities are anticipated to be less than significant.
- b) **No Impact.** The Project would purvey water. It wouldn't involve water consumptive uses. Construction of the Project would utilize water on any exposed dirt during demolition, grading and construction of the Project as a dust and erosion control measure. Use of water for watering during construction would be adequately met by existing entitlements through a fire hose or watering

truck. The Project would improve purveyance within BCVWD’s service area for storage and conveyance of existing entitlements and resources to meet future demands. No impacts related to sufficiency of water supply is anticipated.

- c) **No Impact.** Construction of the Project might require use of an on-site mobile toilet during the construction period that would be serviced by a rental company in that line of business (e.g. United Rental). If a port-a-potty is provided by the Project contractor, the service provider would handle disposal of the waste based on its existing business relationship with the local treatment facility. During operation the Project wouldn’t generate wastewater because there are no greywater generating facilities proposed or existing at the Project site. No sink basins or toilets proposed. The Project wouldn’t increase wastewater generation and treatment at a wastewater treatment provider. No impact would result.
- d) **Less than Significant Impact.** Solid waste disposal in the Project area is provided by CR&R Environmental Services. The Project would generate some amount of construction and operation waste. Examples of solid waste generated during construction include grubbed vegetation, crew food scraps, and construction packaging material. The Project would generate a nominal amount of solid waste on a weekly basis during construction and operation in comparison to the landfill’s capacity. The proposed project would have less than significant impact on landfills.
- e) **Less than Significant Impact.** State law currently requires that local jurisdictions divert at least 50% of their solid waste from landfills through conservation, recycling, and composting. Like all California communities, the Cherry Valley community is required to comply with State regulations. In general, the Project would be subject to Riverside County Ordinance, such as Chapter 8.132 Solid Waste Collection and Disposal. CR&R Environmental Services provides trash pick-up in the Cherry Valley community. Impacts related to solid waste would be less than significant as a result of the Project.

Mitigation Measures

None required or recommended.

3.20 ENVIRONMENTAL JUSTICE

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause impacts to minority or low-income populations that are disproportionately high and adverse, either directly, indirectly, or cumulatively?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

EO 12898 requires Federal Agencies to identify and address disproportionately high and adverse human health or environmental effects, including social and economic effects of this program, policies, and activities on minority populations and low-income populations.

Impacts/Environmental Consequences

- a) **No Impact.** Implementation of the Proposed Project/Action would not result in any adverse human health or environmental effects on any population; therefore, implementing the Proposed Project/Action would not have a significantly disproportionately negative impact on low-income or minority individuals within the project area.

Mitigation Measures

None required or recommended.

3.21 INDIAN TRUST ASSETS

Would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a potential to affect Indian Trust Assets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting/Affected Environment

ITAs are legal interests in property or rights held in trust by the U.S. for Indian Tribes or individual Indians. Indian reservations, Rancherias, and Public Domain Allotments are common ITAs in California.

Impacts/Environmental Consequences

- a) **No Impact.** The Proposed Project/Action does not have the potential to affect ITAs. There are no Indian reservations, rancherias, or allotments in the project area. The nearest ITA is the Morongo Reservation, located approximately 5 miles to the east of the project area. The Proposed Project/Action would not affect or prohibit access to ceremonial use of Indian sacred sites. Therefore, no impact would occur.

Mitigation Measures

None required or recommended.

3.22 WILDFIRE

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Regulatory Setting

Senate Bill 1241 required the Office of Planning and Research, the Natural Resources Agency, and the California Department of Forestry and Fire Protection to develop amendments to the “CEQA Checklist” for the inclusion of questions related to fire hazard impacts for projects located on lands classified as very high fire hazard severity zones. The 2018 updates to the CEQA Guidelines expanded this to include projects “near” these very high fire hazard severity zones.

Environmental Setting/Affected Environment

The Proposed Project/Action vicinity is rural and characterized by shrubs and trees, and homes in a hillside area. The potential for a severe wildfire to occur is increased if dense vegetation growth and accumulations of dead plant material are present. Weather conditions and steep terrain also increase the hazardous wildfire potential; however, these conditions do not cause wildfires. Human error, arson, high-voltage lines, vehicles and lightning are the primary causes of wildfires. The proposed Project/Action area is within Edgar Canyon in a rural area. The project site is located within a roadway.

Impacts/Environmental Consequences

- a) **Less than Significant with Mitigation Incorporated.** Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility²⁴. It is also identified as a Very High Fire Hazard Severity Zone in a State Responsibility Area according to CAL Fire Office of the State Fire

²⁴ County of Riverside General Plan (2016, December 6). The Pass Area Plan. Figure 12 Wildfire Susceptibility.

Marshall.²⁵ As identified in response g) of Section 3.9. Hazards and Hazardous Materials, the proposed Project would implement Mitigation Measure HAZ-2, Fire Prevention Best Management Practices, during construction to reduce the risk of a fire hazard. Mitigation Measure HAZ-2 includes compliance with applicable laws, confine welding activity, prevent fire and extinguish fires, prohibit smoking, clear key areas of flammable material, remove waste, notify 9-1-1, maintain fire prevention service access, use spark arrestors, and use water tank. During construction and operation, it is anticipated that fire and police services would be able to adequately service the Project in an emergency. The Project is anticipated to have a less than significant impact on an adopted emergency response plan or emergency evacuation plan.

- b) ***Less than Significant with Mitigation Incorporated.*** The proposed Project is located in a Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility. As identified in response g) of Section 3.9. Hazards and Hazardous Materials, the proposed Project would implement Mitigation Measure HAZ-2, Fire Prevention Best Management Practices, during construction to reduce the risk of a fire hazard. Mitigation Measure HAZ-2 includes compliance with applicable laws, confine welding activity, prevent fire and extinguish fires, prohibit smoking, clear key areas of flammable material, remove waste, notify 9-1-1, maintain fire prevention service access, use spark arrestors. The availability of water certainly wouldn't exacerbate wildfire risk. During construction and operation, it is anticipated that fire and police services would be able to adequately service the Project in an emergency. Implementation of Mitigation Measure HAZ-2 would reduce impacts related to wildfire risk to less than significant with mitigation incorporated.
- c) ***No Impact.*** The proposed Project is located in a Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility. The Project doesn't include the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that would exacerbate fire risk or that may result in temporary or ongoing impacts to the environment. could provide water in the event of a wildfire, it would not exacerbate wildfire risks. No impact is anticipated.
- d) ***Less than Significant with Mitigation Incorporated.*** Very High/High/Moderate FHSZ as mapped on Figure 12, The Pass Area Plan Wildfire Susceptibility. Please refer to Section 3.7. Geology and Soils responses a) and c) for a discussion and of the Project site's geologic stability. Please also refer to Section 3.10. Hydrology and Water Quality responses a) through e). Additionally, the Project site was previously developed with a pipeline or would be located under the existing street with engineered and compacted fill dirt material. With implementation of Mitigation Measures GEO-1 and HAZ-2, the proposed Project wouldn't expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes. Impacts are anticipated to be less than significant with mitigation incorporated.

Mitigation Measures

HAZ-2. Fire Prevention Best Management Practices. As described in Section 3.9

GEO-1. Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP). As described in Section 3.7.

²⁵ CAL FIRE (November 21, 2022). Fire Hazard Severity Zone in State Responsibility Area Map

3.24 MANDATORY FINDINGS OF SIGNIFICANCE

	Significant and Unavoidable Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Impacts/Environmental Consequences

- a) **Less than Significant Impact with Mitigation Incorporated.** As discussed in Section 3.4, Biological Resources; Section 3.5, Cultural Resources; Section 3.7, Geology; Section 3.8, Hazards and Hazardous Materials; Section 3.10, Hydrology and Water Quality; Section 3.15, Transportation/Traffic; and Section 3.22, Wildfire with implementation of the proposed mitigation measures incorporated, impacts from the Project would be reduced to a less than significant level, and as a result, would not result in any significant Project or cumulative environmental impacts to biological or cultural resources. The short- and long-term effects associated with the Project would not be considered cumulatively considerable.
- b) **Less than Significant Impact.** As discussed in the preceding responses to Section I through Section XVII, this Project would not result in any significant Project or cumulative environmental impacts. The short-term and long-term effects associated with the Project would not be considered cumulatively considerable.
- c) **Less than Significant Impact.** As discussed in the preceding responses to the entire list of impact questions, this Project would not result in any significant environmental impacts to persons. Sufficient construction control measures have been identified to reduce short-term construction impacts to a level of less than significant. Compliance with the existing federal, state and local

regulations, along with standard design criteria, would ensure that the proposed Project does not directly or indirectly cause a substantial adverse effect on human beings.

List of All Avoidance, Minimization, and/or Mitigation Measures

BIO -1. Implement MSHCP Standard Best Management Practices (Volume I, Appendix C)

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), as follows:

1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.
2. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.
3. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.
4. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.
5. Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.
6. Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.
7. When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing or other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.
8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.
9. Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.

10. The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.
11. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.
12. Exotic species that prey upon or displace target species of concern should be permanently removed from the site the extent feasible.
13. To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).
14. Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screens. Exclusion fencing should be maintained until the completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.

The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs. BIO-2. Prevent Entrapment of Wildlife. During construction, to prevent entrapment of wildlife, all steep-walled trenches, auger holes, open-ended piping, or other excavations should be covered at the end of each day or completely fenced off at night in such a way that wildlife cannot be entrapped. For open trenches only, these may instead have wildlife escape ramps within the trench maintained at intervals of no greater than 100 feet. These ramps shall have maximum slope not to exceed 2:1.

BIO-3. Construction Staging Away from Little San Gorgonio Creek. In all locations of the Project, construction activities, vehicular traffic (including movement of all equipment), and storage of construction materials shall be restricted to establish construction areas as indicated by flagging, fencing, and/or signage. No equipment should be staged off Edgar Canyon Road to reduce impacts to Little San Gorgonio Creek.

BIO-4. Conduct Nesting Bird Surveys. If Project activities occur during the bird nesting season (i.e., February 1 through August 31), a pre-construction nesting bird survey should be performed by a qualified biologist no more than three days prior to any construction activities to avoid any direct or indirect impacts to active nests and thus ensure compliance with the Migratory Bird Treaty Act (MBTA) and California Fish and Wildlife Code.

CULT-1. Archeological Resources. If unanticipated cultural resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a qualified paleontologist to assess the significance of such resources and shall meet with the County Director of Development Services to assess the significance of such resources and shall meet and confer regarding mitigation for such resources in order to comply with California Public Resources Code §21083.2(b).

CULT-2. Human Remains. If human remains are encountered, California Health and Safety Code §7050.5 states that no further disturbance shall occur until the Riverside County Coroner has made the necessary findings as to origin. Further, pursuant to California Public Resources Code §5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission must be contacted within 24 hours. The Native American Heritage Commission must then immediately identify the "most likely descendants(s)" for purposes of receiving notification of discovery. The most likely descendant(s) shall then make recommendations within 48 hours and engage in consultation concerning the treatment of the remains as provided in Public Resources Code §5097.98.

GEO-1 Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP). Prior to issuance of a Grading or Building Permit, and as part of compliance with the NPDES requirements, a Notice of Intent shall be prepared and submitted to the Santa Ana Regional Water Quality Control Board (RWQCB) providing notification and intent to comply with the State of California General Construction Permit. A copy of the SWPPP shall be available and implemented at the construction site at all times. The SWPPP shall outline the source control and/or treatment control BMPs to avoid or mitigate runoff pollutants at the construction site to the "maximum extent practicable." All recommendations in the Plan shall be implemented during area demolition/preparation, grading, and construction. The Project shall comply with each of the recommendations detailed in the Plan to mitigate potential storm water runoff impacts.

Construction Best Management Practices (BMPs) included in the Plan, shall include but not be limited to:

- Construction waste shall be disposed of properly in accordance with applicable federal, state and local regulations. Use appropriately labeled recycling bins to recycle construction materials including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.
- Leaks, drips, and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.
- Dumpsters shall be covered and maintained.
- Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.
- Vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains or exposed soils. Major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.
- Regularly water newly graded areas and exposed dirt stockpiles;
- Follow Project SWPPP procedures to prevent sediment and nuisance runoff from entering the drainage.

GEO-2. Paleontological Resources. If unanticipated paleontological resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a paleontologist to assess the significance of such resources and shall meet with the County Director of Development Services to confer regarding mitigation for such resources in order to comply with California Public Resources Code §5097.5.

HAZ-1. Spill Prevention and Clean-up Best Management Practices. To reduce the potential for materials and pollutants associated with construction to be discharged to the environment, the Project Proponent will implement the following:

- Containment and cleanup equipment (e.g., absorbent pads, mats, socks, granules, drip pans, shovels, and lined clean drums) will be at the staging areas and construction site for use, as needed.
- Staging areas where refueling, storage, and maintenance of equipment occur will not be located within 100 feet of drainages to reduce the potential for contamination by spills.
- Construction equipment will be maintained and kept in good operating condition to reduce the likelihood of line breaks or leakage.
- No refueling or servicing will be done without absorbent material (e.g. absorbent pads, mats, socks, pillows, and granules) or drip pans underneath to contain spilled material. If these activities result in an accumulation of materials on the soil, the soil will be removed and disposed of properly.
- If a spill is detected, construction activity will cease immediately, and the Contractor will immediately react to safely contain and remove spilled materials.
- Spill areas will be restored to pre-spill conditions, as practicable.

HAZ-2. Fire Prevention Best Management Practices. In order to reduce the potential for a wildfire during construction, the Project will implement the following mitigation measures:

- Comply with Applicable Laws. Comply with all applicable laws of the State of California.
- Confine Welding Activity. Confine welding activity to areas having a minimum radius of ten feet cleared to mineral soil, wet down an area within 25 feet in all directions from welding operations with a 0.3 percent Class A Foam Solution, and utilize a welding tent or metal shield where possible to deflect sparks. Include one shovel and one backpack five-gallon water-filled tank with pump with each welder.
- Prevent Fire and Extinguish Fires. Be responsible for preventing the escape of fires as a result of Project construction and have a fully charged fire extinguisher (U.L. rated at 2-A: 10-B: C, or larger) on each truck, personnel vehicle, tractor, grader and other heavy equipment, at all times.
- Prohibit Smoking. Under no circumstances shall smoking be permitted while employees are operating light or heavy equipment, or walking or working near a native habitat.
- Clear Key Areas of Flammable Material. Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least ten feet. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine.
- Remove Waste. The construction contractor shall remove all waste materials from the Project site on a daily basis, as able.
- Notify 9-1-1. Construction workers shall notify 9-1-1 of any fires along roads or in or near the Project area as soon as feasible.
- Maintain Fire Prevention Service Access. Access roads shall remain open and passable for emergency vehicles at all times.

Use Spark Arrestors. Equip all diesel and/or gasoline-operated engines with spark arresters that meet standards set forth in the National Wildfire Coordinating Group publication for Multi-position Small Engines, #430-1, or General Purpose and Locomotive, #430-2. Spark arrestors are not required on equipment powered by exhaust-driven turbo charged engines or motor vehicles equipped with a maintained muffler.

Chapter 4 – Comments and Coordination

4.1 SUMMARY OF PUBLIC INVOLVEMENT

Early and continuing coordination with the general public and public agencies is an essential part of the environmental process. It helps planners determine the necessary scope of environmental documentation and the level of analysis required, and to identify potential impacts and avoidance, minimization, and/or mitigation measures and related environmental requirements. Agency and tribal consultation and public participation for this project have been accomplished through a variety of formal, and informal methods, including interagency coordination meetings, public meetings, and public notices. This chapter summarizes the results of the District's efforts to fully identify, address, and resolve project-related issues through early and continuing coordination.

4.2 COMPLIANCE WITH FEDERAL STATUTES AND REGULATIONS

This section describes the status of compliance with relevant Federal laws, EOs, and policies, as well as the consultation that has occurred to date or will occur in the near future. Most of these regulations involve ongoing compliance, which occurs in coordination with preparation of IS/EA.

4.3 ADDITIONAL APPROVALS/PERMITS REQUIRED

Chapter 5 – List of Preparers

The following staff and consultants contributed to the preparations of this IS/EA.

Andy Minor, LEED AP, Project Manager, M.S.

Contribution: IS-MND/EA Report

Carmen Gardner, Assistant Environmental Planner, M.S.

Contribution: IS-MND/EA Report; Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment Report.

Jay K. Sander, M.A. Contribution: Phase I Cultural Resources Study

Mathew Hyland, Geographic Information Systems Analysis/Archeologist, M.S.

Contribution: Phase I Cultural Resources Study

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Appendix A
Avoidance, Minimization and/or Mitigation Summary

“B” Line Replacement Project

Avoidance, Minimization, and/or Mitigation Summary

Project Location Cherry Valley, Riverside County, California

Applicant:



**Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223**

Prepared by:



**Geovironment Consulting
630 W 7th Street
San Jacinto, CA 92583**

April 2023

BIOLOGICAL RESOURCES

BIO -1. Implement MSHCP Standard Best Management Practices (Volume I, Appendix C)

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), as follows:

1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.
2. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.
3. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.
4. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.
5. Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.
6. Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.
7. When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing or other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.
8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.

9. Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.
10. The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.
11. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.
12. Exotic species that prey upon or displace target species of concern should be permanently removed from the site the extent feasible.
13. To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).
14. Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.

The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs.

BIO-2. Prevent Entrapment of Wildlife. During construction, to prevent entrapment of wildlife, all steep-walled trenches, auger holes, open-ended piping, or other excavations should be covered at the end of each day or completely fenced off at night in such a way that wildlife cannot be entrapped. For open trenches only, these may instead have wildlife escape ramps within the trench maintained at intervals of no greater than 100 feet. These ramps shall have maximum slope not to exceed 2:1.

BIO-3. Construction Staging Away from Little San Gorgonio Creek. In all locations of the Project, construction activities, vehicular traffic (including movement of all equipment), and storage of construction materials shall be restricted to establish construction areas as indicated by flagging, fencing, and/or signage. No equipment should be staged off Edgar Canyon Road to reduce impacts to Little San Gorgonio Creek.

BIO-4. Conduct Nesting Bird Surveys. If Project activities occur during the bird nesting season (i.e., February 1 through August 31), a pre-construction nesting bird survey should be performed by a qualified biologist no more than three days prior to any construction activities to avoid any direct or indirect impacts to active nests and thus ensure compliance with the Migratory Bird Treaty Act (MBTA) and California Fish and Wildlife Code.

CULTURAL RESOURCES

CULT-1. Archeological Resources. If unanticipated cultural resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a qualified paleontologist to assess the significance of such resources and shall meet with the County Director of Development Services to assess the significance of such resources and shall meet and confer regarding mitigation for such resources in order to comply with California Public Resources Code §21083.2(b).

CULT-2. Human Remains. If human remains are encountered, California Health and Safety Code §7050.5 states that no further disturbance shall occur until the Riverside County Coroner has made the necessary findings as to origin. Further, pursuant to California Public Resources Code §5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission must be contacted within 24 hours. The Native American Heritage Commission must then immediately identify the "most likely descendants(s)" for purposes of receiving notification of discovery. The most likely descendant(s) shall then make recommendations within 48 hours and engage in consultation concerning the treatment of the remains as provided in Public Resources Code §5097.98.

GEOLOGY AND SOILS

GEO-1 Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP). Prior to issuance of a Grading or Building Permit, and as part of compliance with the NPDES requirements, a Notice of Intent shall be prepared and submitted to the Santa Ana Regional Water Quality Control Board (RWQCB) providing notification and intent to comply with the State of California General Construction Permit. A copy of the SWPPP shall be available and implemented at the construction site at all times. The SWPPP shall outline the source control and/or treatment control BMPs to avoid or mitigate runoff pollutants at the construction site to the "maximum extent practicable." All recommendations in the Plan shall be implemented during area demolition/preparation, grading, and construction. The Project shall comply with each of the recommendations detailed in the Plan to mitigate potential storm water runoff impacts. Construction Best Management Practices (BMPs) included in the Plan, shall include but not be limited to:

- Construction waste shall be disposed of properly in accordance with applicable federal, state and local regulations. Use appropriately labeled recycling bins to recycle construction materials including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.
- Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.
- Dumpsters shall be covered and maintained.

- Gravel approaches shall be used where truck traffic is frequent to reduce soil compaction and the tracking of sediment into streets shall be limited.
- Vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains or exposed soils. Major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.
- Regularly water newly graded areas and exposed dirt stockpiles;
- Follow Project SWPPP procedures to prevent sediment and nuisance runoff from entering the drainage.

GEO-2. Paleontological Resources. If unanticipated paleontological resources are unearthed during construction excavations, the contractor shall cease all earth-disturbing activities within a 100-foot radius of the area of discovery until the discovery can be evaluated by a paleontologist to assess the significance of such resources and shall meet with the County Director of Development Services to confer regarding mitigation for such resources in order to comply with California Public Resources Code §5097.5.

HAZARDS AND HAZARDOUS MATERIALS

HAZ-1. Spill Prevention and Clean-up Best Management Practices. To reduce the potential for materials and pollutants associated with construction to be discharged to the environment, the Project Proponent will implement the following:

- Containment and cleanup equipment (e.g., absorbent pads, mats, socks, granules, drip pans, shovels, and lined clean drums) will be at the staging areas and construction site for use, as needed.
- Staging areas where refueling, storage, and maintenance of equipment occur will not be located within 100 feet of drainages to reduce the potential for contamination by spills.
- Construction equipment will be maintained and kept in good operating condition to reduce the likelihood of line breaks or leakage.
- No refueling or servicing will be done without absorbent material (e.g. absorbent pads, mats, socks, pillows, and granules) or drip pans underneath to contain spilled material. If these activities result in an accumulation of materials on the soil, the soil will be removed and disposed of properly.
- If a spill is detected, construction activity will cease immediately, and the Contractor will immediately react to safely contain and remove spilled materials.
- Spill areas will be restored to pre-spill conditions, as practicable.

HAZ-2. Fire Prevention Best Management Practices. In order to reduce the potential for a wildfire during construction, the Project will implement the following mitigation measures:

- Comply with Applicable Laws. Comply with all applicable laws of the State of California.

- **Confine Welding Activity.** Confine welding activity to areas having a minimum radius of ten feet cleared to mineral soil, wet down an area within 25 feet in all directions from welding operations with a 0.3 percent Class A Foam Solution, and utilize a welding tent or metal shield where possible to deflect sparks. Include one shovel and one backpack five-gallon water-filled tank with pump with each welder.
- **Prevent Fire and Extinguish Fires.** Be responsible for preventing the escape of fires as a result of Project construction and have a fully charged fire extinguisher (U.L. rated at 2-A: 10-B: C, or larger) on each truck, personnel vehicle, tractor, grader and other heavy equipment, at all times.
- **Prohibit Smoking.** Under no circumstances shall smoking be permitted while employees are operating light or heavy equipment, or walking or working, near native habitat.
- **Clear Key Areas of Flammable Material.** Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least ten feet. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine.
- **Remove Waste.** The construction contractor shall remove all waste materials from the Project site on a daily basis, as able.
- **Notify 9-1-1.** Construction workers shall notify 9-1-1 of any fires along roads or in or near the Project area as soon as feasible.
- **Maintain Fire Prevention Service Access.** Access roads shall remain open and passable for emergency vehicles at all times.

Use Spark Arrestors. Equip all diesel and/or gasoline-operated engines with spark arresters that meet standards set forth in the National Wildfire Coordinating Group publication for Multi-position Small Engines, #430-1, or General Purpose and Locomotive, #430-2. Spark arrestors are not required on equipment powered by exhaust-driven turbo charged engines or motor vehicles equipped with a maintained muffler.

Appendix B
Comment Letters and Responses

Appendix C
Site Plan

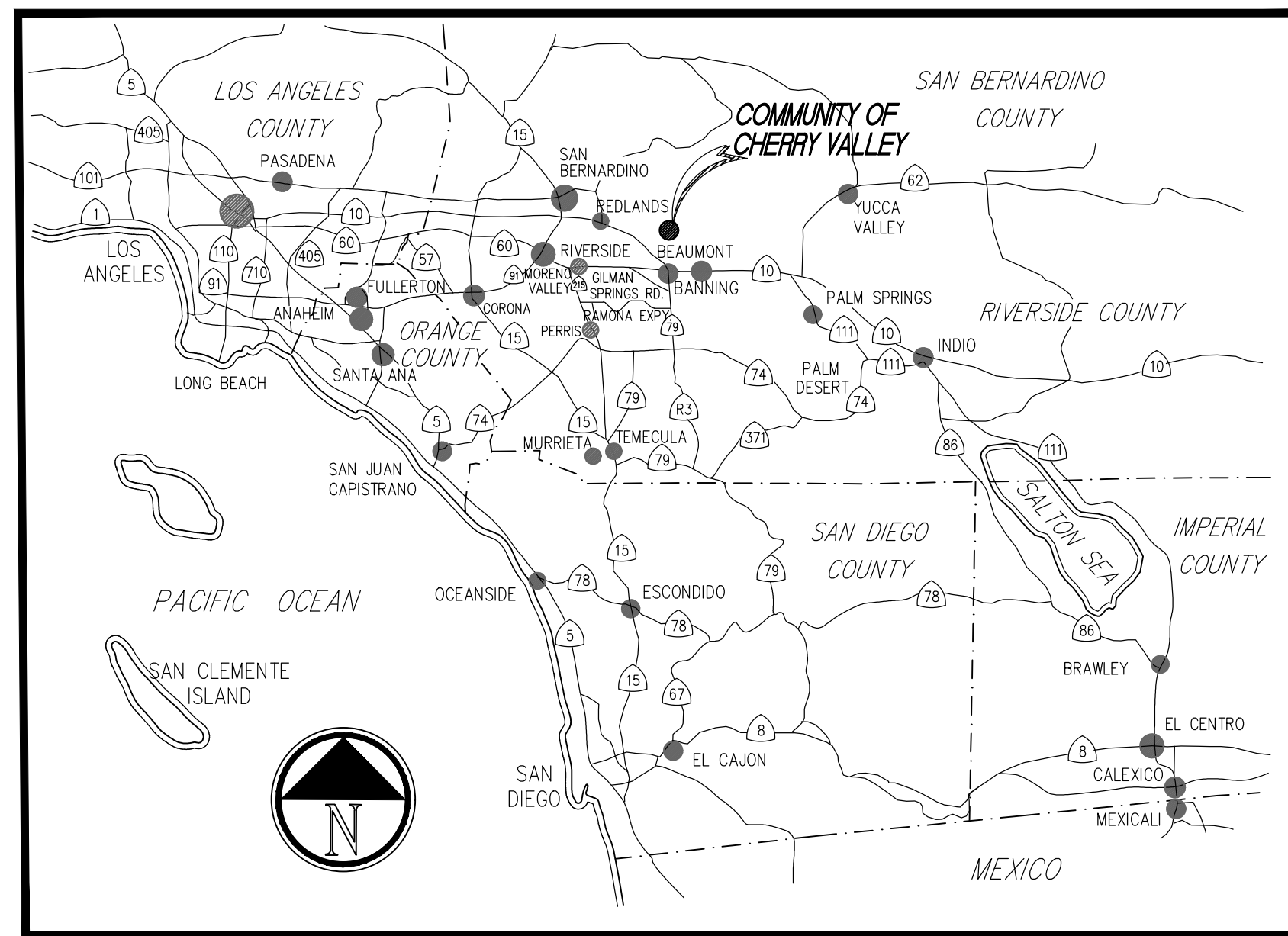
BEAUMONT - CHERRY VALLEY WATER DISTRICT

RIVERSIDE COUNTY, CALIFORNIA
PLANS FOR THE CONSTRUCTION OF THE

"B" LINE PIPELINE REPLACEMENT PROJECT

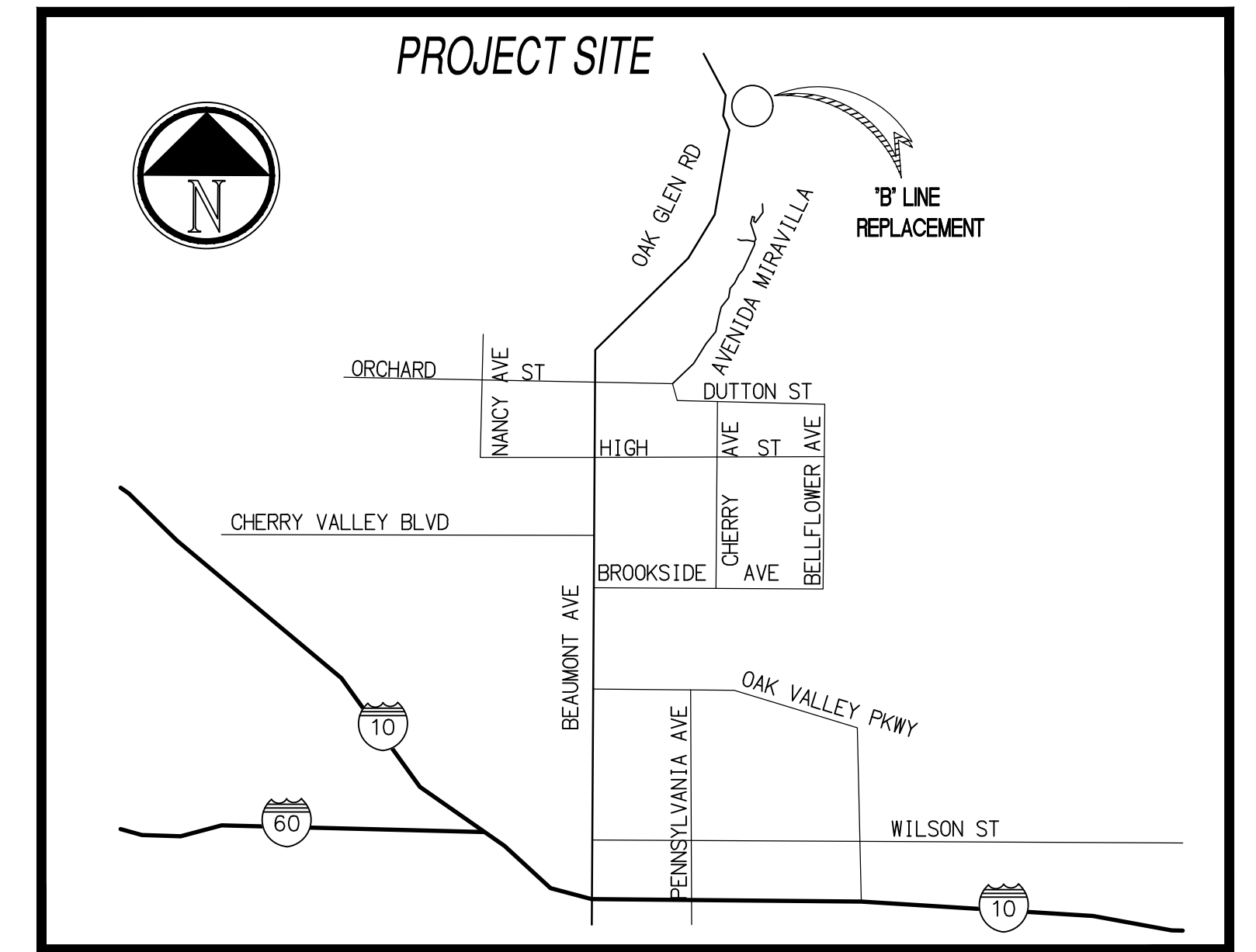
BOARD OF DIRECTORS

LONA WILLIAMS	PRESIDENT
ANDY RAMIREZ	VICE-PRESIDENT
DAVID HOFFMAN	SECRETARY
JOHN COVINGTON	TREASURER
DANIEL SLAWSON	BOARD MEMBER
DANIEL JAGGERS, P.E.	GENERAL MANAGER



VICINITY MAP

N.T.S



LOCATION MAP

N.T.S

ENGINEER'S NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY A CONTRACTOR SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

ALL DISTANCES ARE HORIZONTAL MEASUREMENTS, CONTRACTOR TO VERIFY ALL QUANTITIES

BENCHMARK

THE BENCHMARK USED IS NATIONAL GEODETIC SURVEY (NGS) DATASHEET DESIGNATION "CHERRY", PID AH5235

DESCRIBED BY SOUTHERN CALIFORNIA EARTHQUAKE CENTER 1992 (MWC), STATION IS LOCATED ABOUT 5.3 MI EAST-SOUTHEAST OF YUCAIPA AND 5.1 MI NORTH-NORTHEAST OF BEAUMONT, JUST SOUTH OF THE RIVERSIDE-SAN BERNARDINO COUNTY LINE IN CHERRY VALLEY.

ELEVATION = 3738.870' (NAVD 88)
ALL ELEVATIONS SHOWN ON THESE DRAWINGS BASED ON NAVD88 DATUM, UNLESS OTHERWISE NOTED

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, BASED LOCALLY ON CONTINUOUS OPERATING REFERENCE STATIONS (CORS) "GISA" AND "MLFP" NAD83(2011) (EPOCH: 2010.00). ALL BEARINGS AND DISTANCES SHOWN ON THIS SURVEY ARE GRID. GROUND DISTANCES MAY BE OBTAINED BY DIVIDING THE GRID DISTANCE BY THE COMBINED SCALE FACTOR OF 0.99986680. CALCULATIONS ARE MADE AT CP#1 BASE WITH COORDINATES N 2301573.205, E 6347696.704
GRID DISTANCE/0.99986680= GROUND DISTANCE

SOURCE OF TOPOGRAPHIC:

PROJECT CONTROL ESTABLISHED BY COZAD AND FOX INC. MARCH 2022
AERIAL PHOTOGRAMMETRIC SURVEY PROVIDED BY INLAND AERIAL SURVEY, INC. MARCH 2022
FIELD SURVEY PERFORMED BY COZAD AND FOX MARCH 2022

SHEET INDEX

SHEET NO.	DESCRIPTION
C-1	TITLE SHEET
C-2	CONSTRUCTION NOTES
C-3	LEGENDS, SYMBOLS, AND ABBREVIATIONS
C-4	INDEX MAP & SITE PLAN
<u>PIPELINE REPLACEMENT PLAN</u>	
C-5	C-X DETAIL SHEET

REFER TO SPEC NO. _____

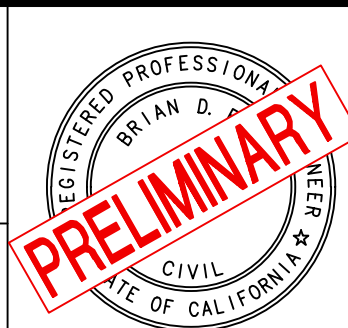
MS4XXX IP2XXXXX

REC'D	COUNTY OVERSITE ENGINEER	REGISTRATION	DATE SIGNED
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APPROVED AS TO COMPLIANCE WITH APPLICABLE COUNTY STANDARDS AND PRACTICES.

Cozad & Fox, Inc.
CIVIL / STRUCTURAL ENGINEERS
MUNICIPAL CONSULTANTS / PLANNERS
SURVEYORS / GPS
151 South Girard Street • Hemet, Ca 92344
TEL. (951) 652-4454 • FAX (951) 766-8942
E-MAIL: bfox@cozad.com

PREPARED UNDER THE SUPERVISION OF:
BRIAN D. FOX
REGISTERED CIVIL ENGINEER NO. 57264



JOB NO. 2103000
DESIGNED AR
DRAWN AR/LV
CHECKED B.FOX
APPROVED
REG. NO.

REV	DATE	DESCRIPTION	BY

BENCHMARK	SEE SHEET 1
SCALE	AS SHOWN

BEAUMONT-CHERRY VALLEY WATER DISTRICT
RIVERSIDE COUNTY, CALIFORNIA

DISTRICT ENGINEER _____ R.C.E. NO. _____ DATE _____

"B" LINE PIPELINE
REPLACEMENT PROJECT

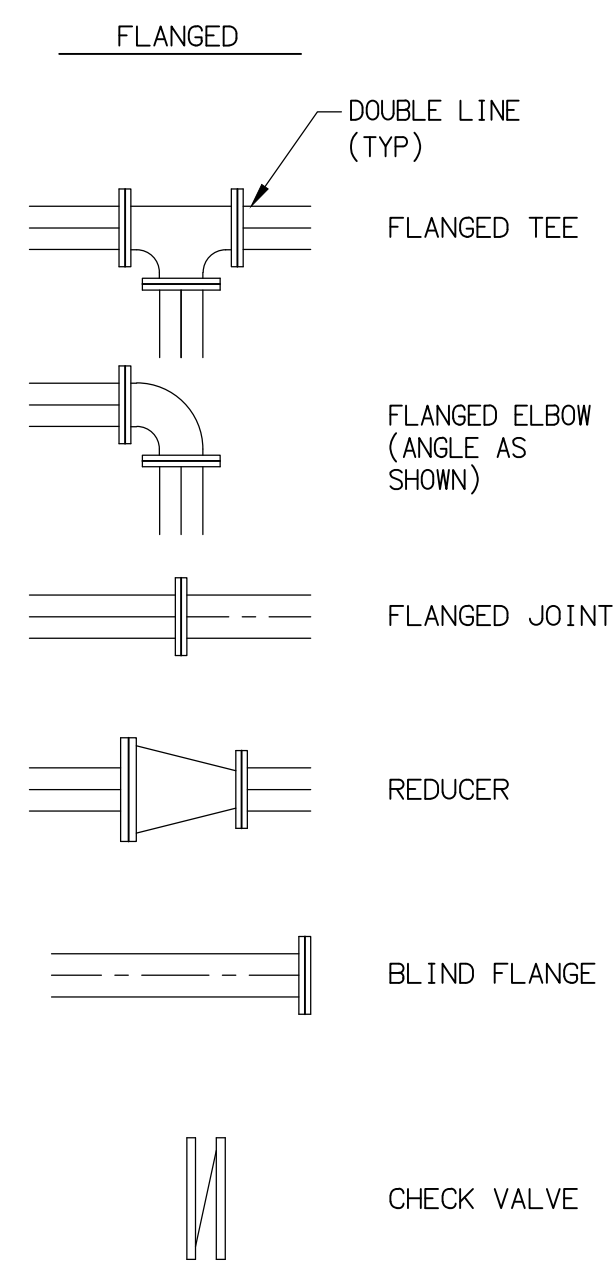
TITLE SHEET

SHEET NO.
C-1
OF X SHTS
DRAWING NO.
AR/WO/PLP:
XXXX / XXXX

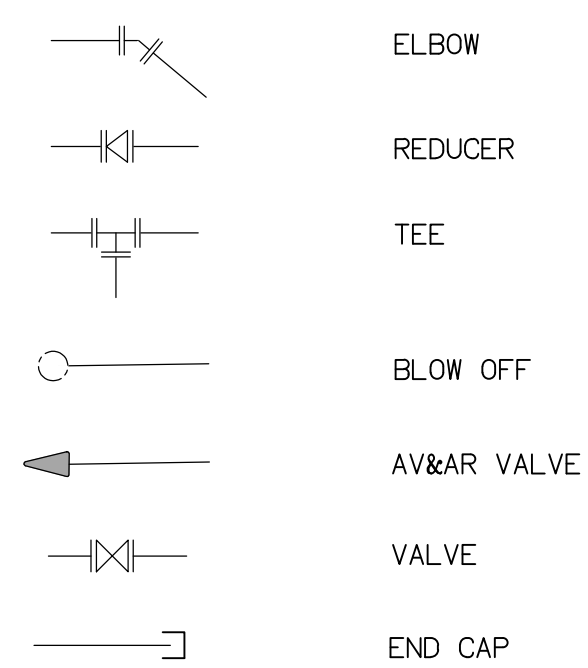
SYMBOLS AND LEGEND

	SECTION CUT SECTION "C-C" SHOWN ON DRAWING C-9.
	30= DIAMETER OF PIPELINE RW= DUTY OF PIPELINE
	PROPOSED FINISH CONTOUR.
	EXISTING CONTOUR.
	CHAIN LINK FENCE, 6" HIGH W/3 STRANDS BARBED WIRE PER SPECIFICATIONS.
	PROPOSED FACILITY
	EXISTING FACILITY
	EXIST. EDGE OF PAVEMENT
	EXIST. CURB AND GUTTER
	EXIST. UNDERGROUND EDISON
	EXIST. UNDERGROUND TELEPHONE/COMM.
	EXIST. GAS
	EXIST. FENCE
	EXIST. 6" WATER
	EXIST. 14" WATER
	LIMIT OF GRADING (DAYLIGHT)
	GRADING (TOE)
	PROPOSED 36" GRADED SWALE
	PROPOSED WATER LINE
	EDGE OF DIRT ROAD
	CENTERLINE
	RIGHT OF WAY
	PROPERTY LINE
	FUT R/W LINE
	RETAINING WALL
	INTERCEPTOR DRAIN
	ASPHALT CONCRETE PAVING

SITE PIPING SYMBOLS



TRANSMISSION MAIN SYMBOLS



ABBREVIATIONS AND NOTATIONS

AC	ASPHALT CONCRETE	FTG	FOOTING	PSI	POUNDS PER SQUARE INCH
AV&AR	AIR VACUUM & AIR RELEASE	FUT.	FUTURE CONSTRUCTION	R	RADIUS
BFV	BUTTERFLY VALVE	Fy	YIELD STRENGTH OF STEEL	RC, R.C.	RELATIVE COMPACTION
BOT	BOTTOM	G	GAS	RDG	RIDGE
BC	BEGINNING CURVE	GA.	GAUGE	REQ.	REQUIRED, REQUIREMENTS
CG	CENTER GRADE ELEVATION	GB	GRADE BREAK	R/W	RIGHT OF WAY
CL / CL	CENTERLINE	HDPE	HIGH DENSITY POLYETHYLENE	SCH, SCHED	SCHEDULE
CL EL	CENTERLINE ELEVATION	HP	HIGH POINT	SPEC	BOUND SPECIFICATIONS
CLR.	CLEAR, CLEARANCE	HWL	HIGH WATER LEVEL	SQ.	SQUARE
OMB	CRUSHED MISCELLANEOUS BASE	ID, I.D.	INSIDE DIAMETER	SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION)
OMU	CONCRETE MASONRY UNIT	INV.	INVERT ELEVATION	STA.	STATION
CONC.	CONCRETE	KSI	KILOPOUNDS PER SQUARE INCH	S.S.	STAINLESS STEEL
CONT.	CONTINUOUS	LF	LINEAR FEET	STD	STANDARD BCWMD DRAWINGS & DETAILS
DIA.	DIAMETER	LLWL	LOW LOW WATER LEVEL	T&B	TOP AND BOTTOM
DWG.	DRAWING	LWL	LOW WATER LEVEL	TB	TOP OF BERM ELEVATION
E.#	EAST COORDINATE	MAX.	MAXIMUM	TC	TOP OF CURB ELEVATION
EC	END CURVE	MGD	MILLION GALLONS PER DAY	TEL.	TELEPHONE
EG	EXISTING GRADE ELEVATION	MH	MANHOLE	TF	TOP OF FOOTING ELEVATION
EL	ELEVATION	MIN.	MINIMUM	TG	TOP OF GRATE ELEVATION, TOP OF GRATING
EP	EDGE OF PAVEMENT	MISC.	MISCELLANEOUS	THK.	THICK, THICKNESS
ES	EXISTING SURFACE ELEVATION	N.#	NORTH COORDINATE	T.O.P./TOP	TOP OF PIPE ELEVATION
EQ.	EQUAL, EQUALLY	N/A	NOT APPLICABLE, NOT AVAILABLE	TW	TOP OF WALL ELEVATION
E.W.	EACH WAY	N.I.C.	NOT IN CONTRACT	TYP, TYP.	TYPICAL
EXIST, (E)	EXISTING	No.	NUMBER	USCS	UNIFIED SOIL CLASSIFICATION SYSTEM
FF, FIN, FLR	FINISH FLOOR ELEVATION	N.T.S.	NOT TO SCALE	UNO, U.N.O.	UNLESS NOTED OTHERWISE
FG	FINISH GRADE ELEVATION	O.C.	ON CENTER	WL	WATERLINE
FH	FIRE HYDRANT	OD, O.D.	OUTSIDE DIAMETER	WM	WATER METER
FL., CL	FLOW LINE ELEVATION	OH	OPPOSITE HAND	WV	WATER VALVE
FLG	FLANGE	OHE	OVERHEAD ELECTRICAL	W/	WITH
FS	FINISH SURFACE ELEVATION	PL, PL	PROPERTY LINE	WT.	WEIGHT
		PP	POWER POLE		

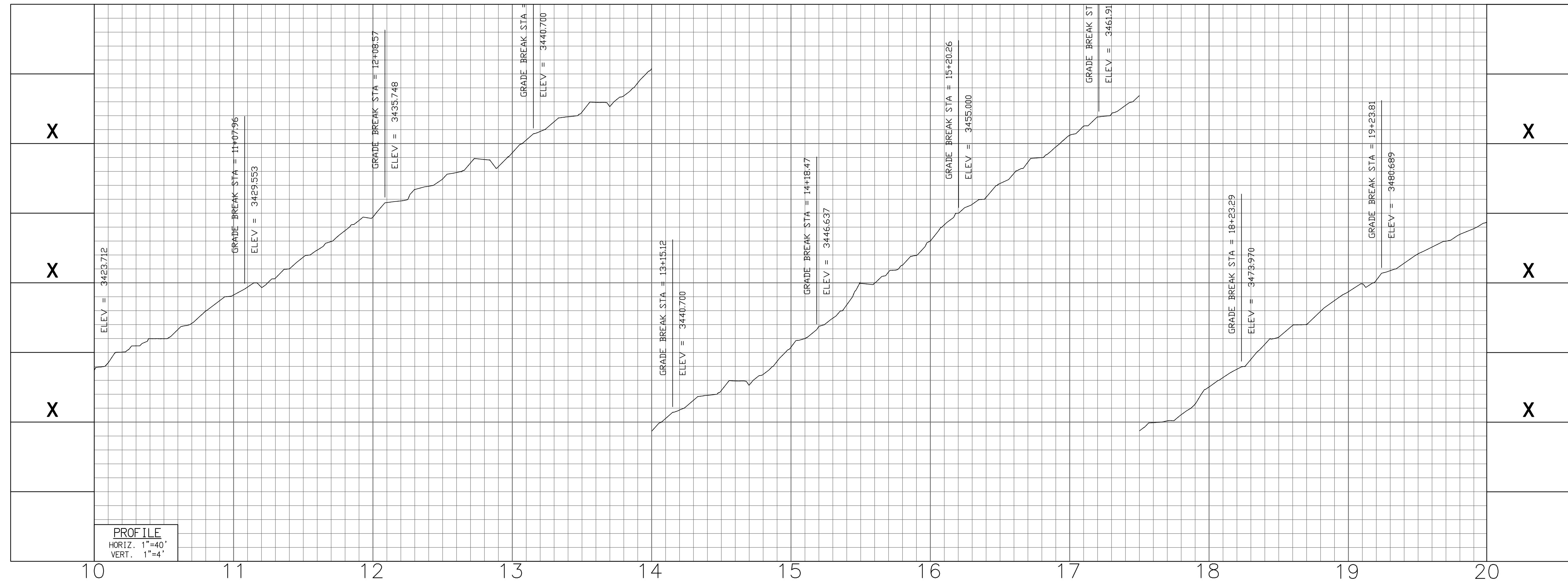
ABBREVIATIONS FOR PIPE MATERIALS

ABS	ACRYLONITRILE BUTADIENE STYRENE	ECTFE	ETHYLENE-CHLOROTRIFLUOROETHYLENE
AGS	ADVANCED GROOVE SYSTEM	ELL	ELBOW PIPE FITTING
BO	BLOW-OFF	FRP	FIBERGLASS REINFORCED PLASTIC
BSP	BLACK STEEL PIPE	GIP	GALVANIZED IRON PIPE (STD.WT.)
BFV	BUTTERFLY VALVE	HDG	HOT DIPPED GALVANIZED (SCH.40 STEEL UNO)
CCP	CONCRETE CYLINDER PIPE	HDPE	HIGH DENSITY POLYETHYLENE
CIP	CAST IRON PIPE	PTFE	POLYTETRAFLUOROETHYLENE
CISP	CAST IRON SOIL PIPE	PVC	POLYVINYL CHLORIDE
CMC	CEMENT MORTAR COATED	PVDF	POLYVINYLIDENE FLUORIDE
CML	CEMENT MORTAR LINED	RCP	REINFORCED CONCRETE PIPE
CML.C, CML.&C	WELDED STEEL PIPE CEMENT MORTAR LINED AND COATED	RED	REDUCER PIPE FITTING
CML.&TC	WELDED STEEL PIPE CEMENT MORTAR LINED, TAPE WRAPPED, AND CEMENT MORTAR COATED	RSGV	RESILIENT SEATED GATE VALVE
CMP	CORRUGATED METAL PIPE	RWGV	RESILIENT WEDGED GATE VALVE
CPVC	CHLORINATED POLYVINYL CHLORIDE	SCS	SEAMLESS CARBON STEEL
CT	CYLINDER THICKNESS	SS, ST. STL.	STAINLESS STEEL (SCH.40 UNO)
DI	DUCTILE IRON	STD.WT.	STANDARD WEIGHT
DIP	DUCTILE IRON PIPE	STL.	STEEL
		VCP	VITRIFIED CLAY PIPE (EXTRA-STRENGTH)
		WSP	WELDED STEEL PIPE
		1/4"CT	WSP WITH 1/4" STEEL CYLINDER THICKNESS

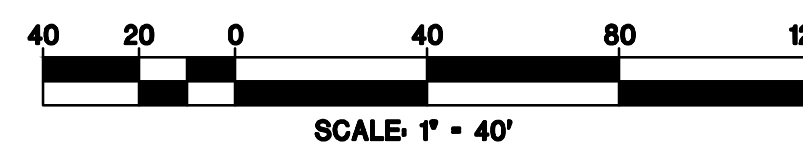
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<p>PREPARED UNDER THE SUPERVISION OF:</p> <p>DATE: _____ BRIAN D. FOX REGISTERED CIVIL ENGINEER NO. 57264</p>			<p>REV DATE DESCRIPTION</p> <p>BY</p>			

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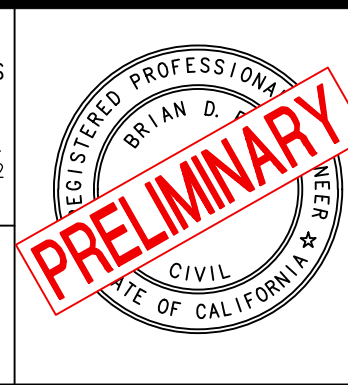
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DRAWN	AR/LV
CHECKED	B.FOX
APPROVED	
REG. NO.	

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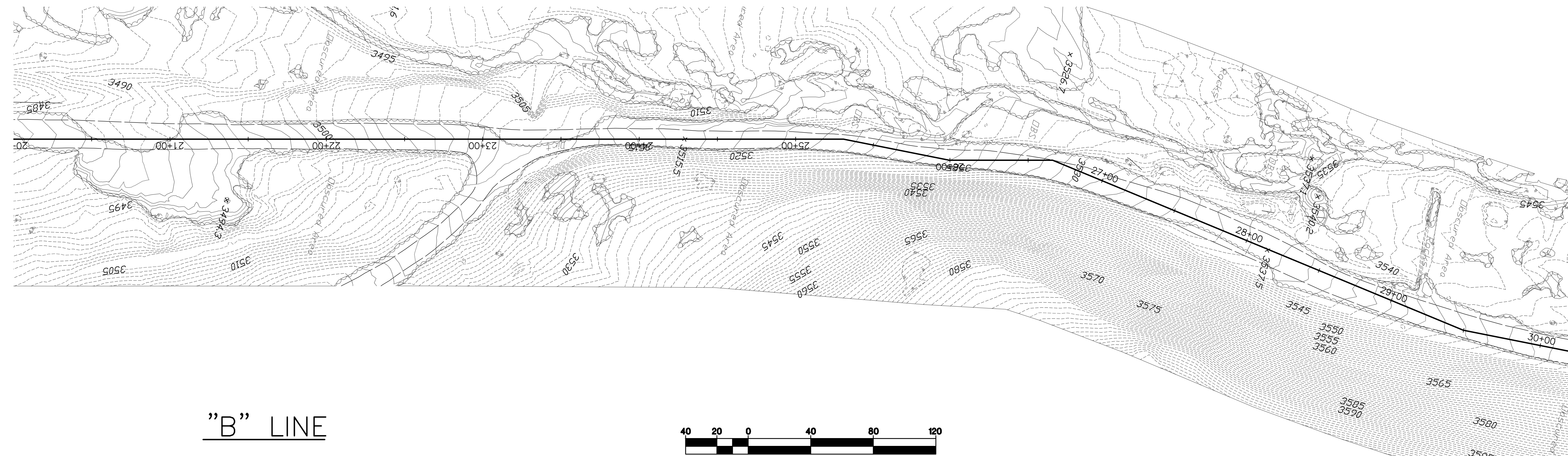
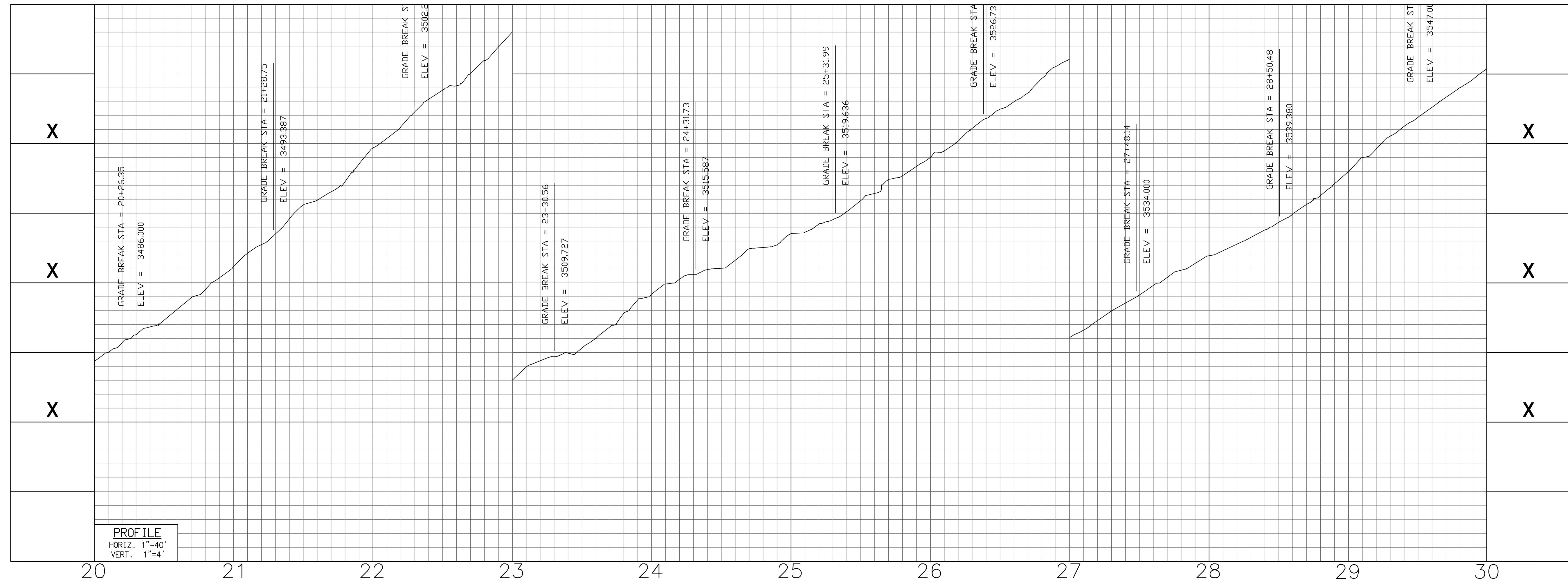
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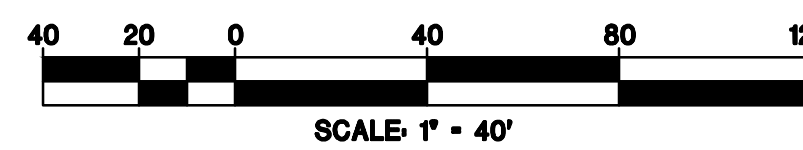
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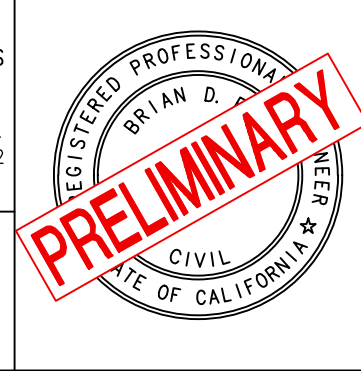
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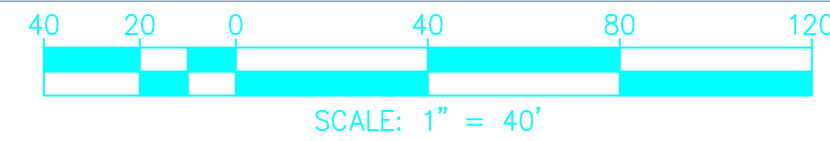
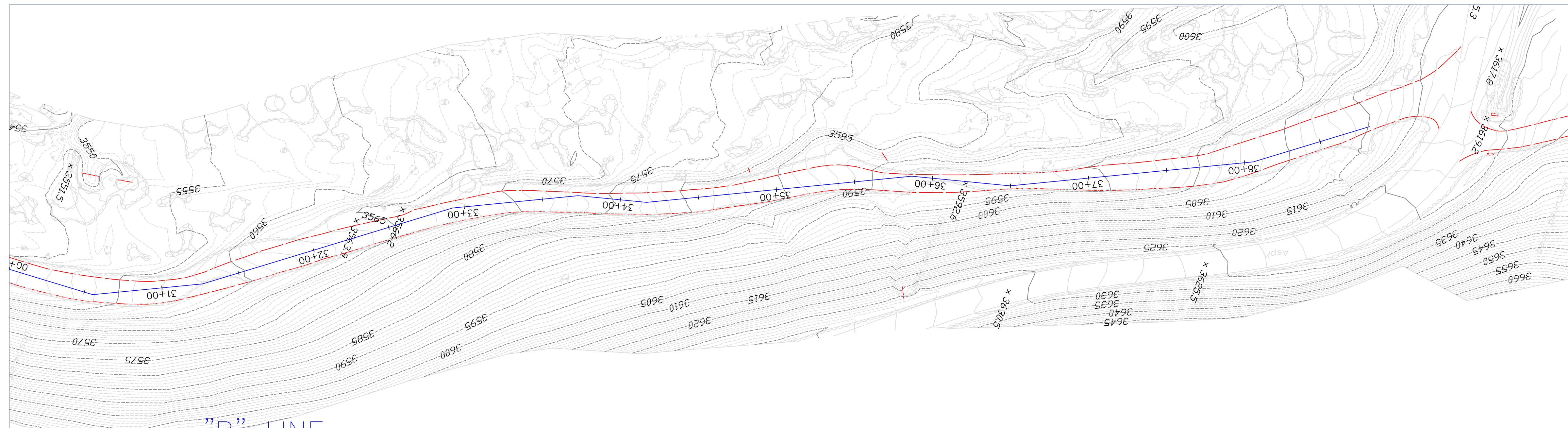
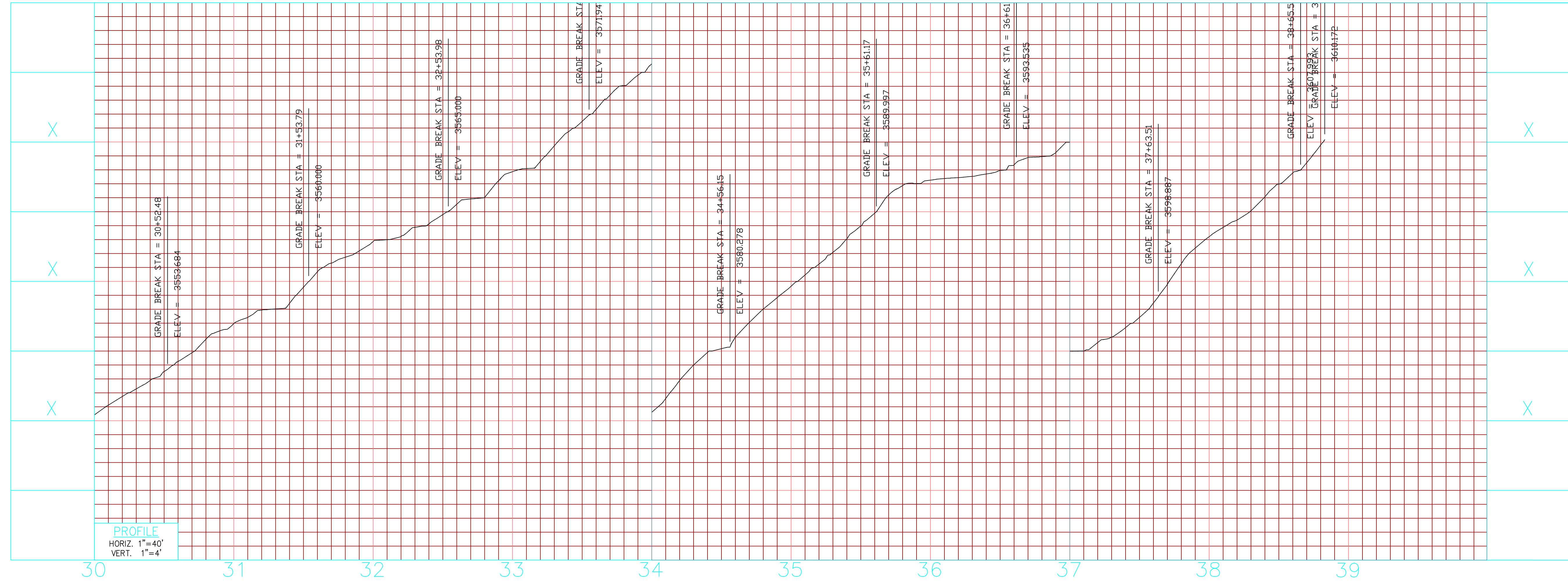
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RIVERSIDE COUNTY, CALIFORNIA

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"B" LINE PIPELINE REPLACEMENT PROJECT
PLAN AND PROFILE
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BENCHMARK	SEE SHEET 1
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PLAN AND PROFILE
XXXX

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Appendix D
Western Riverside County Multiple Species Habitat
Conservation Plan Consistency
Analysis and Habitat Assessment for the “B” Line Project

Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis and Habitat Assessment

“B” Line Replacement Project

Project Location Cherry Valley, Riverside County, California

Permittee:

County of Riverside, California
4080 Lemon Street
Riverside, CA 92501

Applicant:



Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223

Prepared by:



Geovironment Consulting
630 W 7th Street
San Jacinto, CA 92583

September 2022

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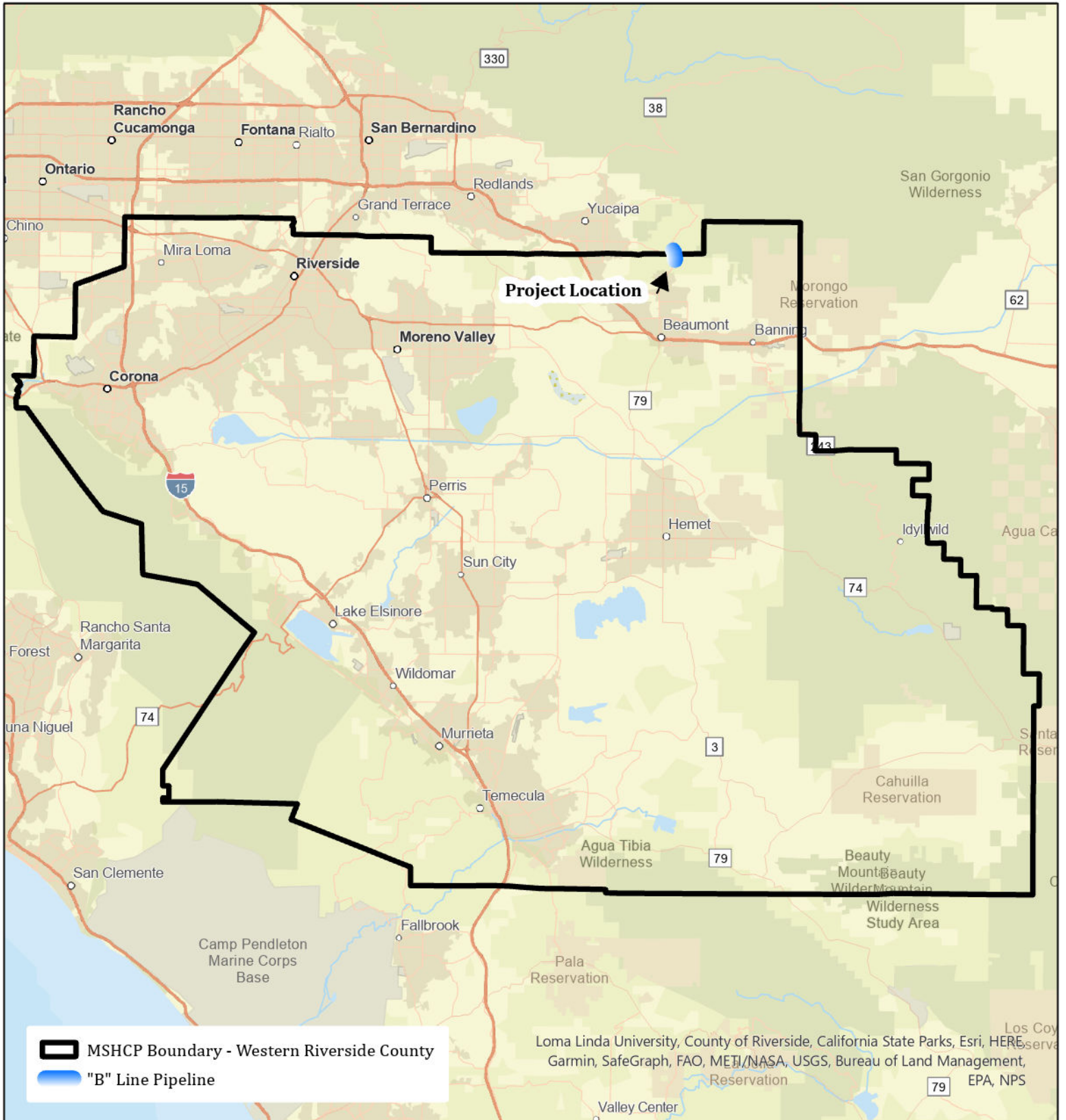
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Figure 1 - Regional Map "B" Line Pipeline Replacement



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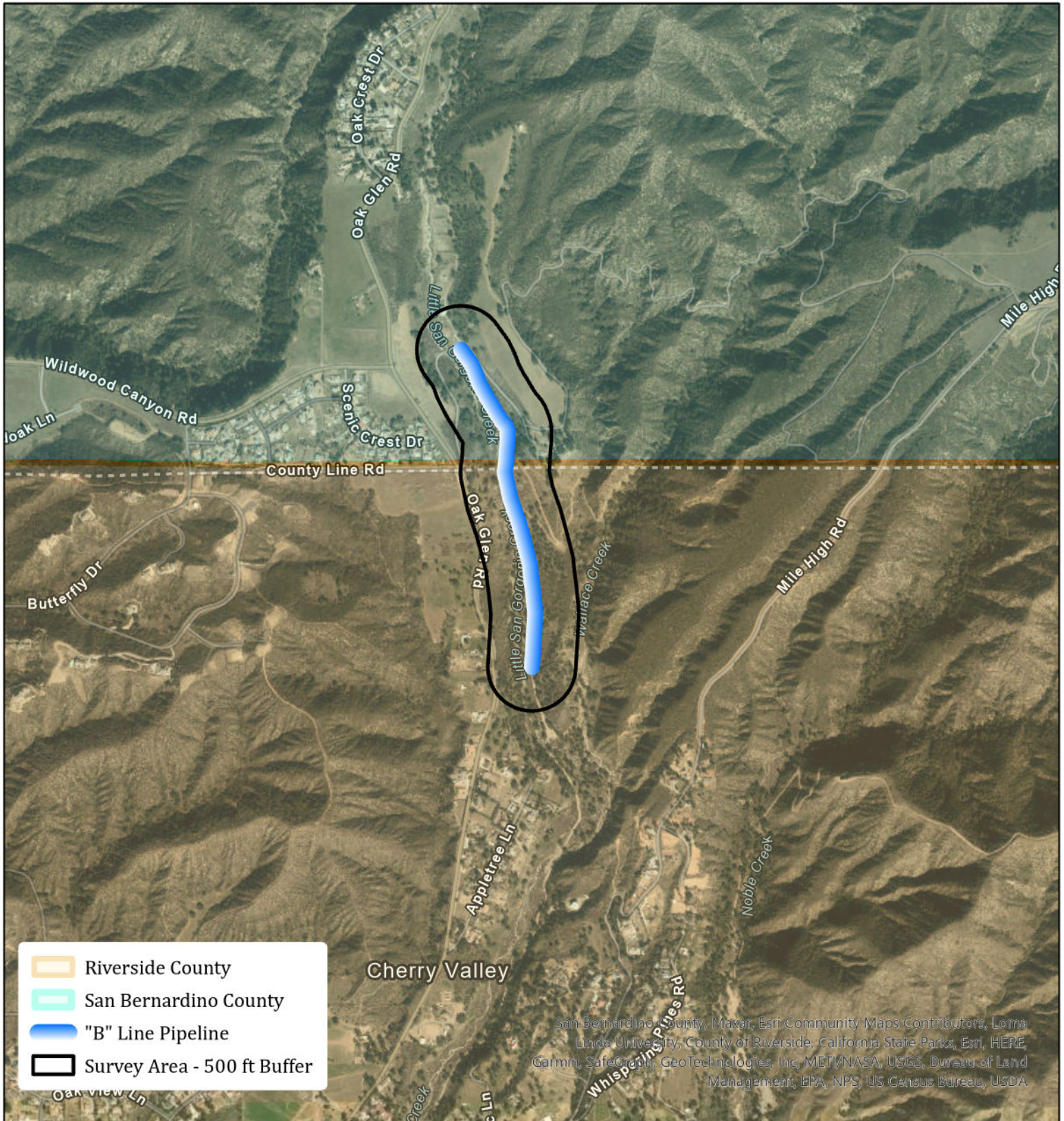
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Figure 2 - Vicinity Map
"B" Line Pipeline Replacement

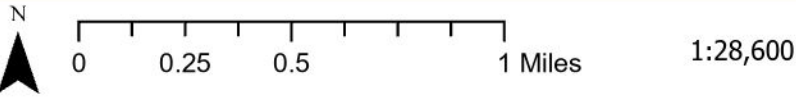


- Riverside County
- San Bernardino County
- "B" Line Pipeline
- Survey Area - 500 ft Buffer

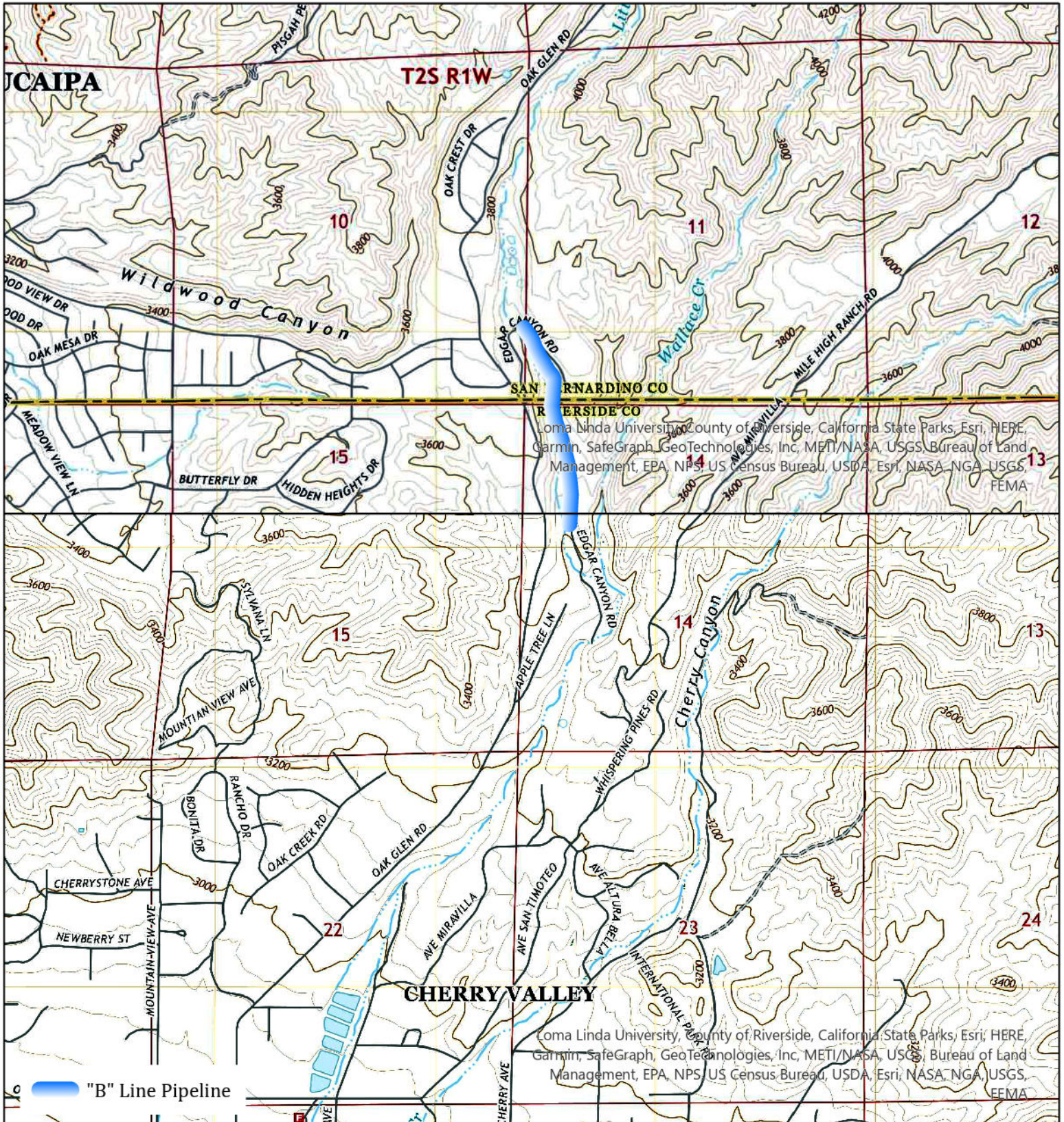
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**Figure 3 - USGS Topographic Map
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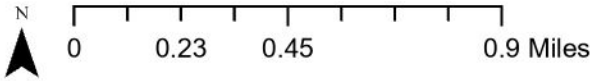


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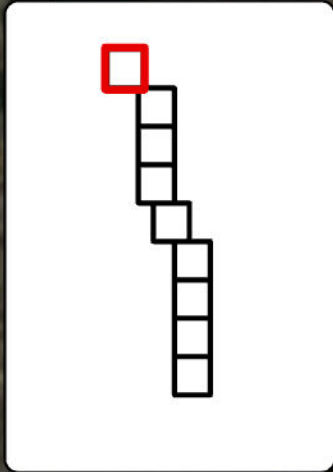
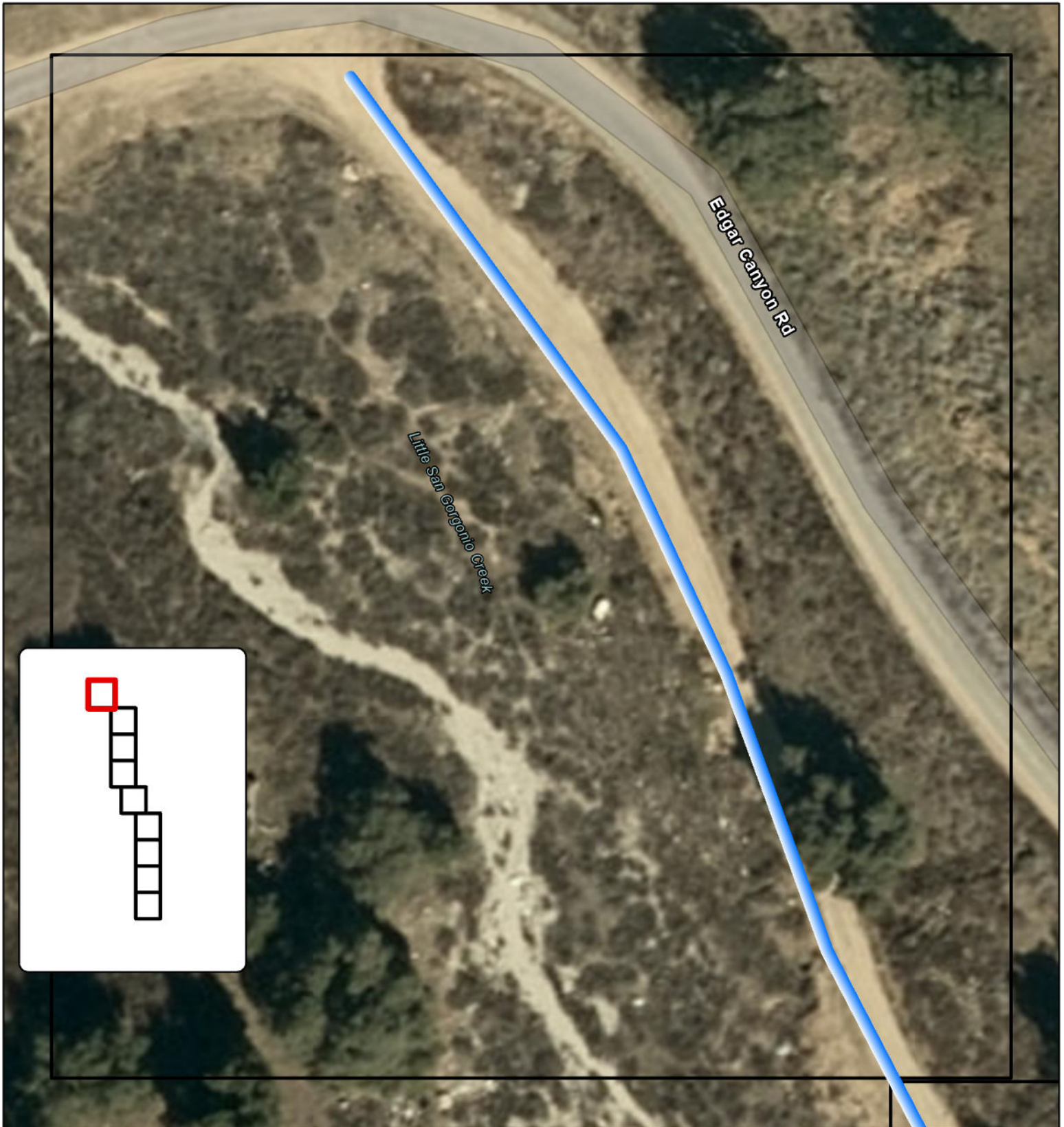
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Figure 4 - Project Area & Aerial Photographs
"B" Line Pipeline Replacement

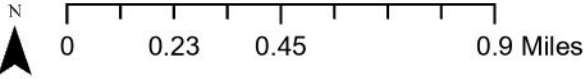


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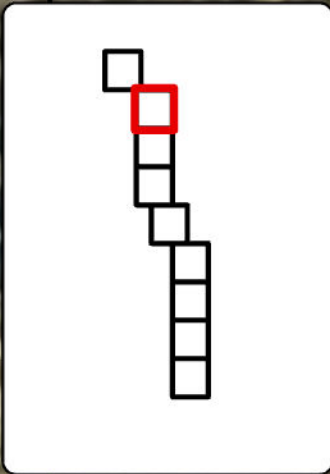
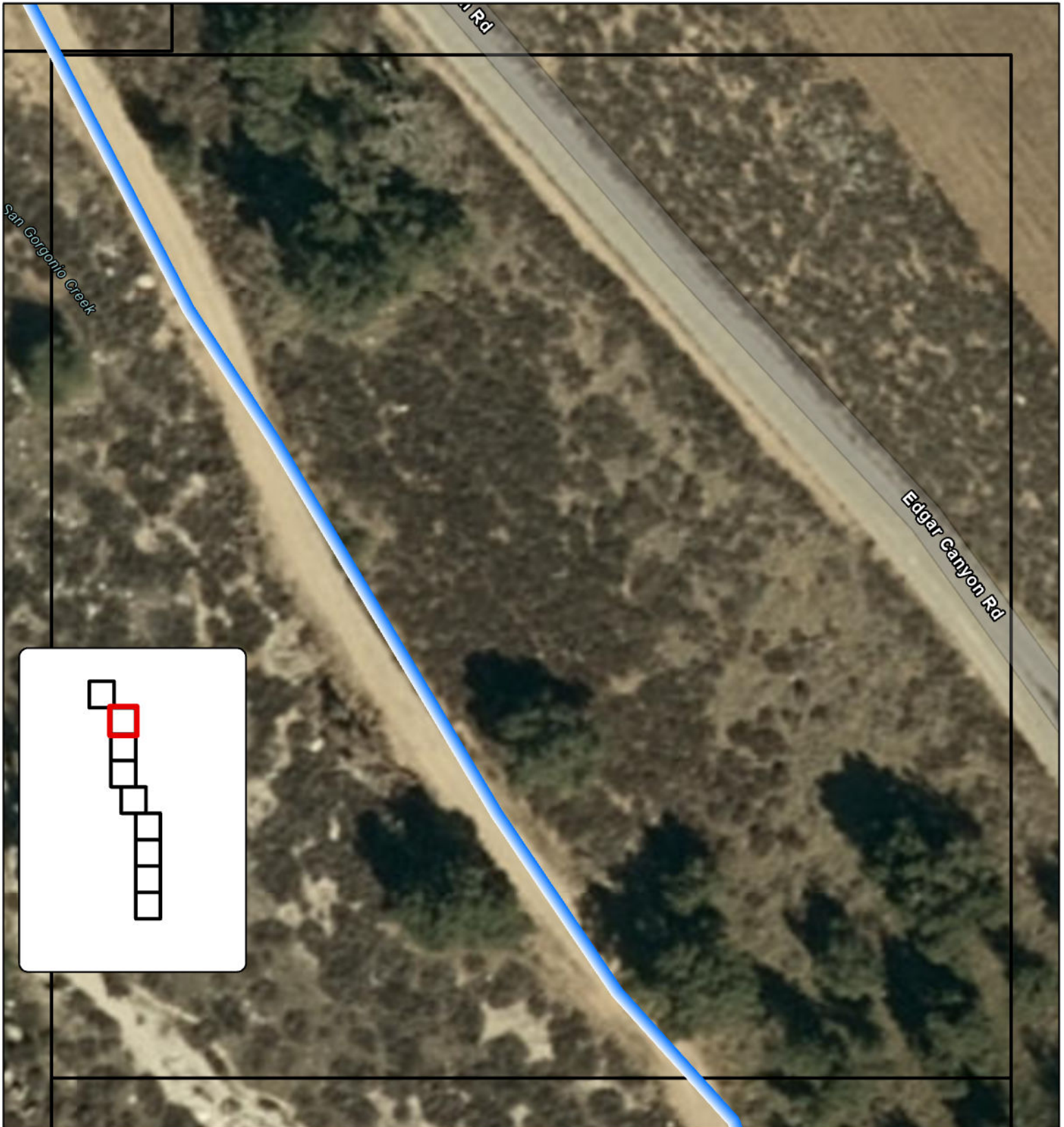
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Figure 4 - Project Area & Aerial Photographs
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 "B" Line Pipeline

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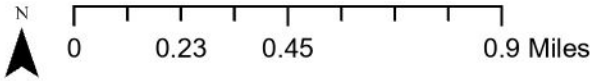
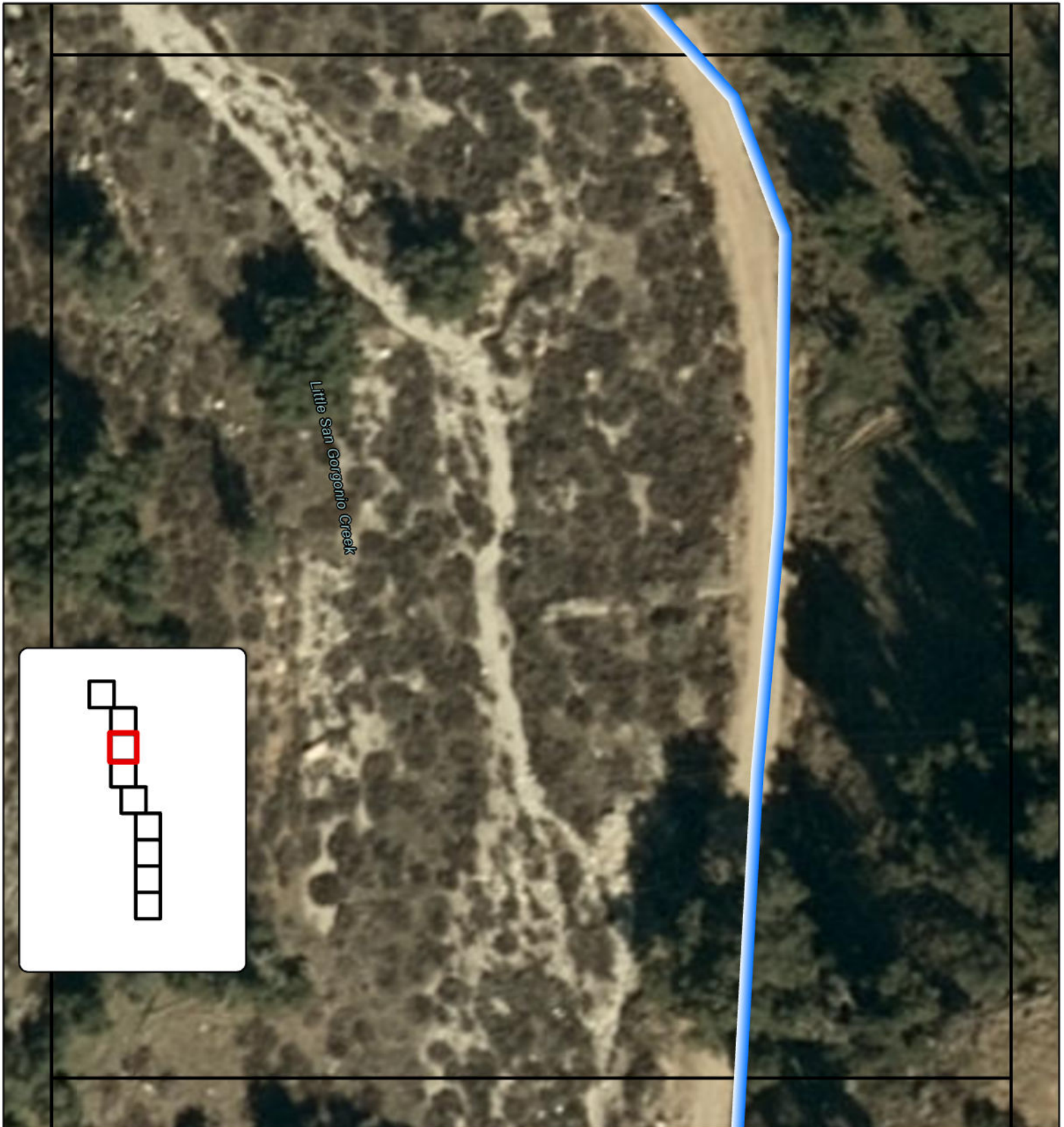


Figure 4 - Project Area & Aerial Photographs
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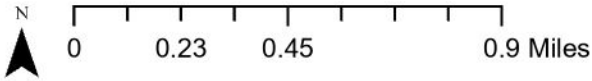


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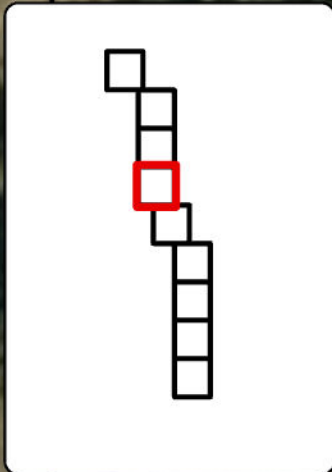
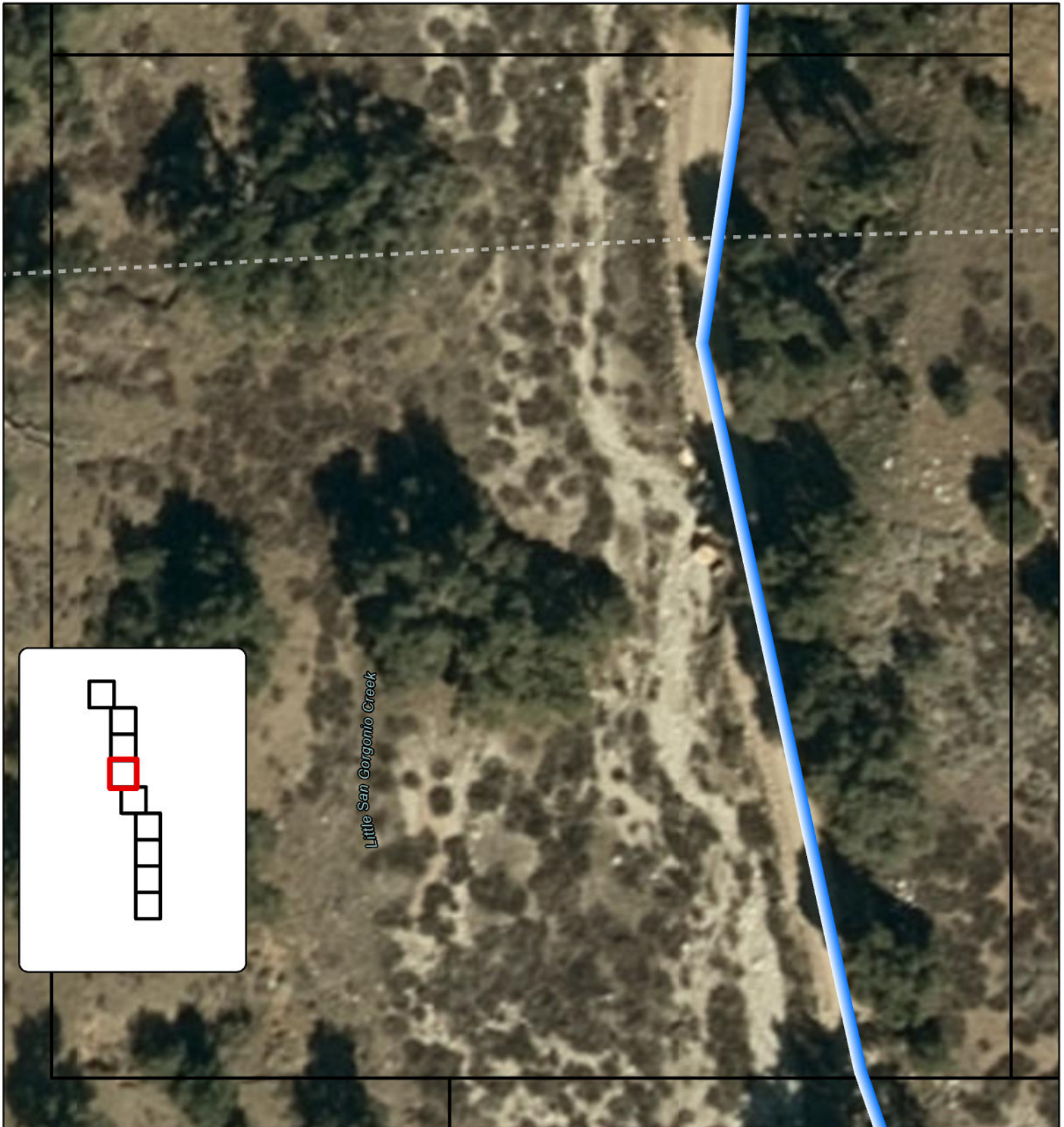
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Figure 4 - Project Area & Aerial Photographs
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 "B" Line Pipeline

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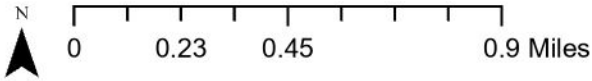
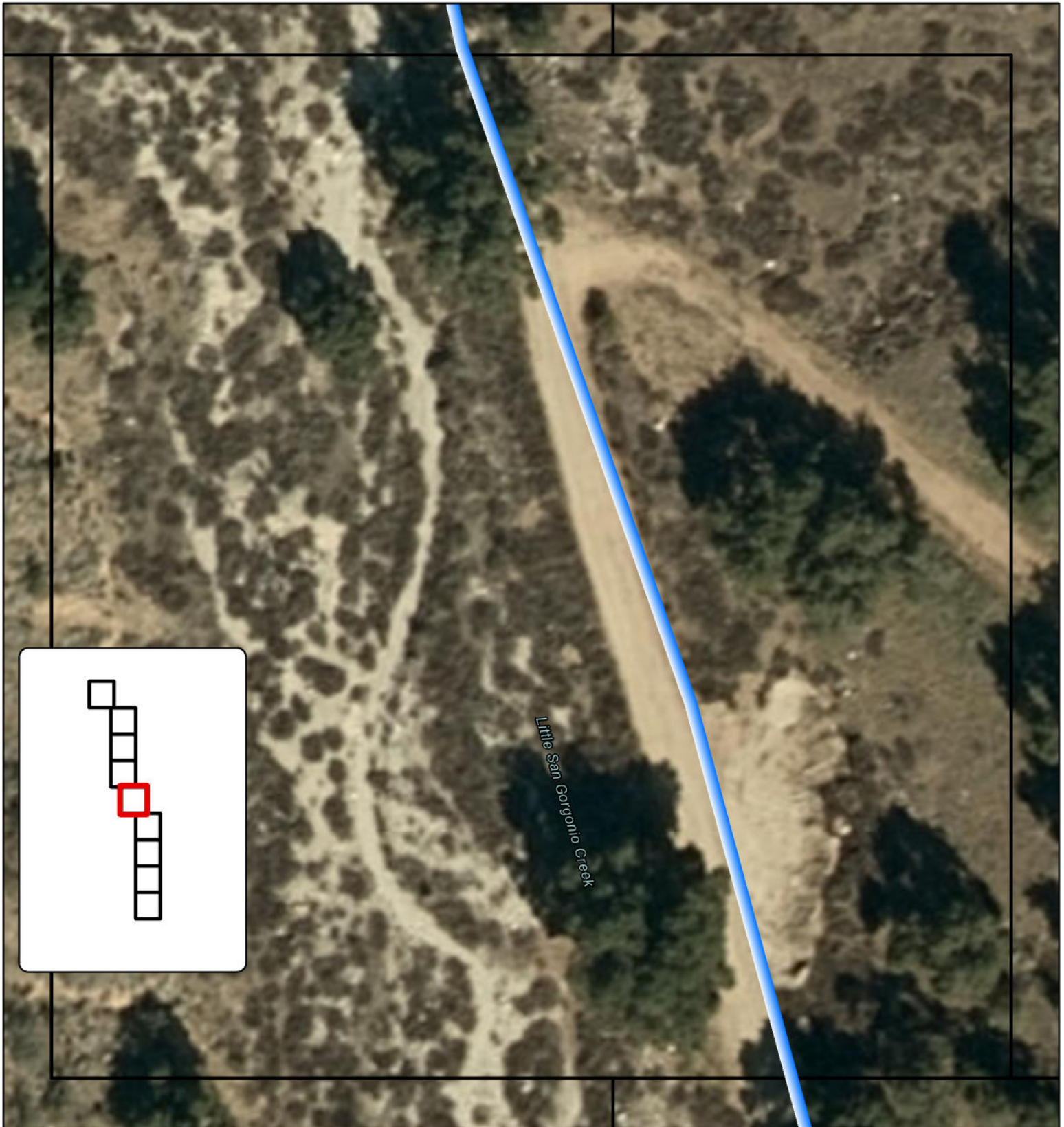


Figure 4 - Project Area & Aerial Photographs
"B" Line Pipeline Replacement
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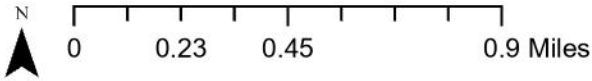


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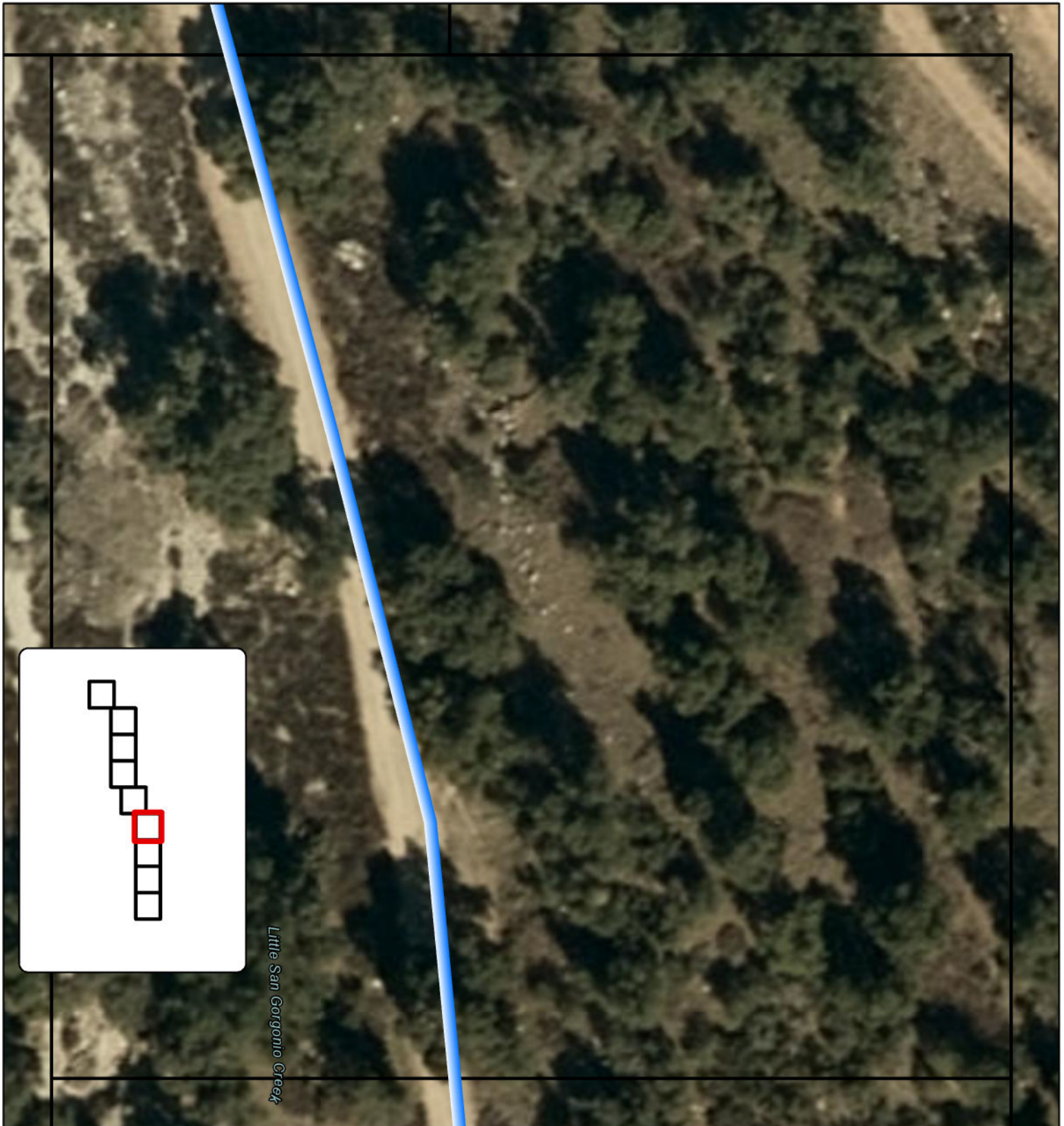
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Figure 4 - Project Area & Aerial Photographs
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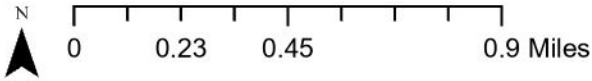


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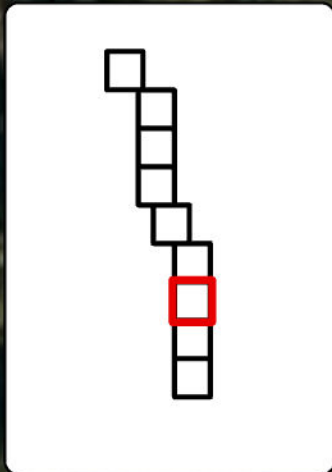
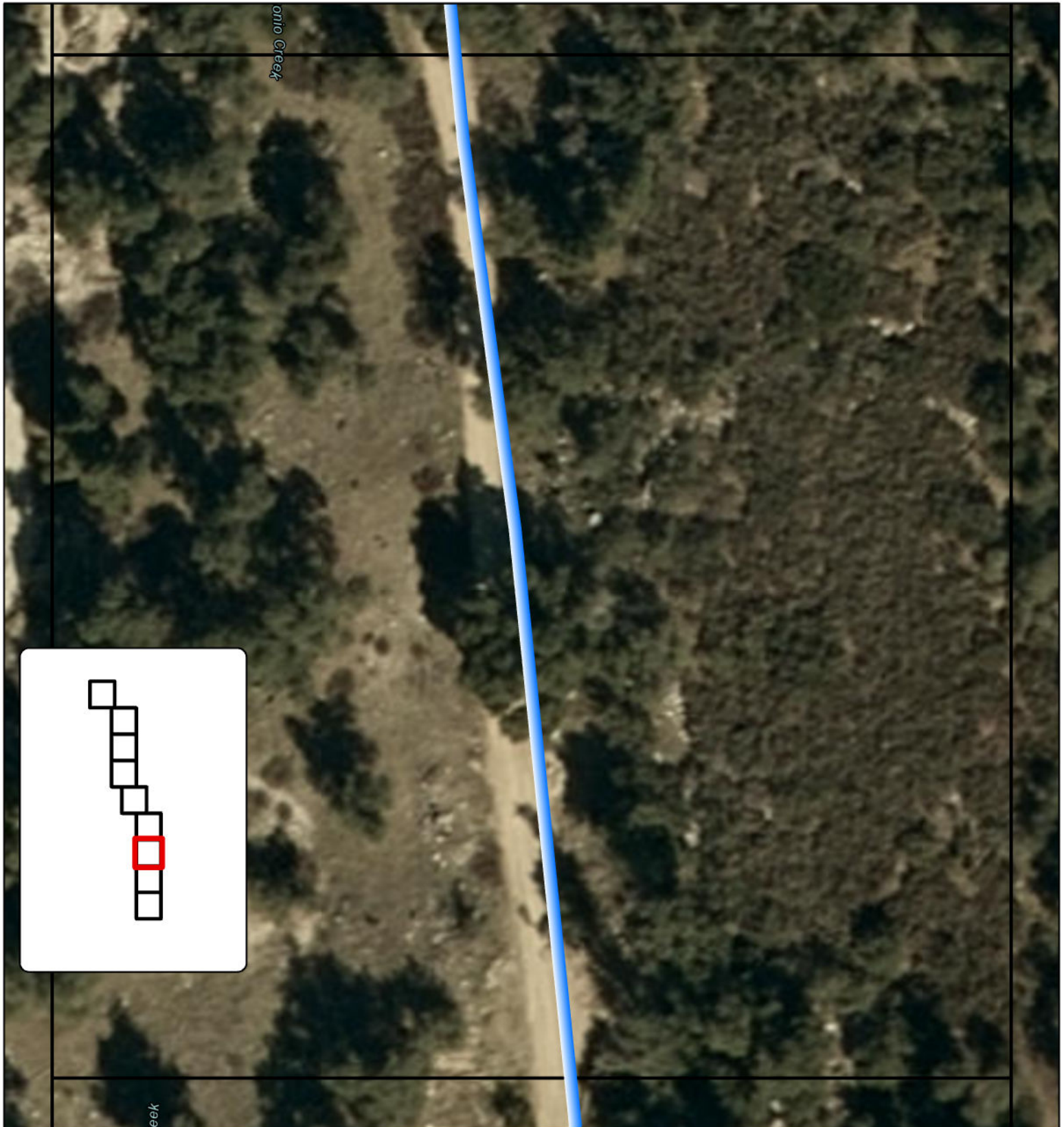
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Figure 4 - Project Area & Aerial Photographs
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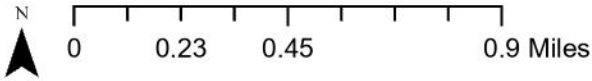


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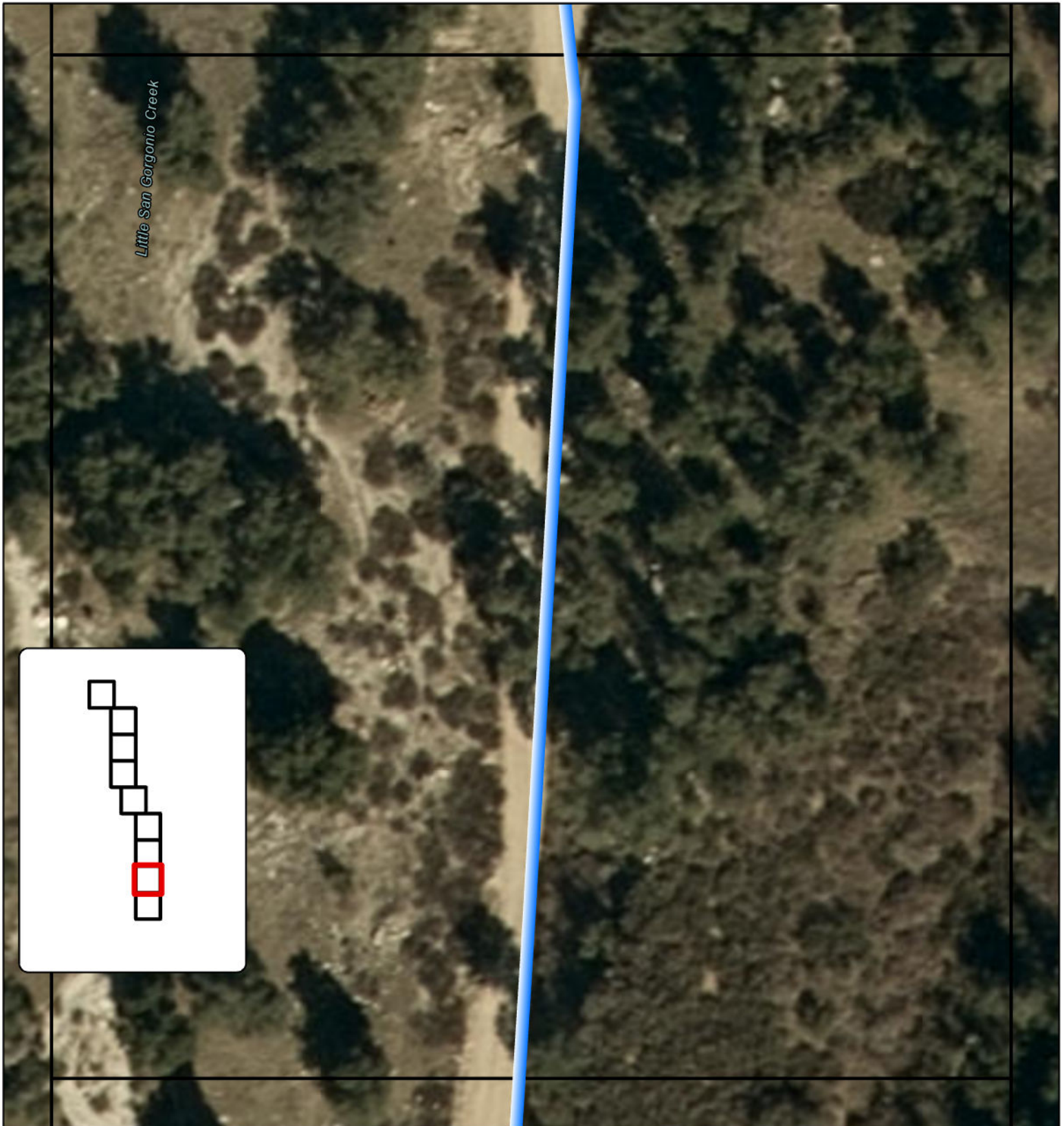
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Figure 4 - Project Area & Aerial Photographs
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 "B" Line Pipeline

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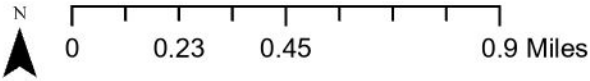


Figure 4 - Project Area & Aerial Photographs
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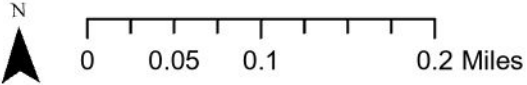


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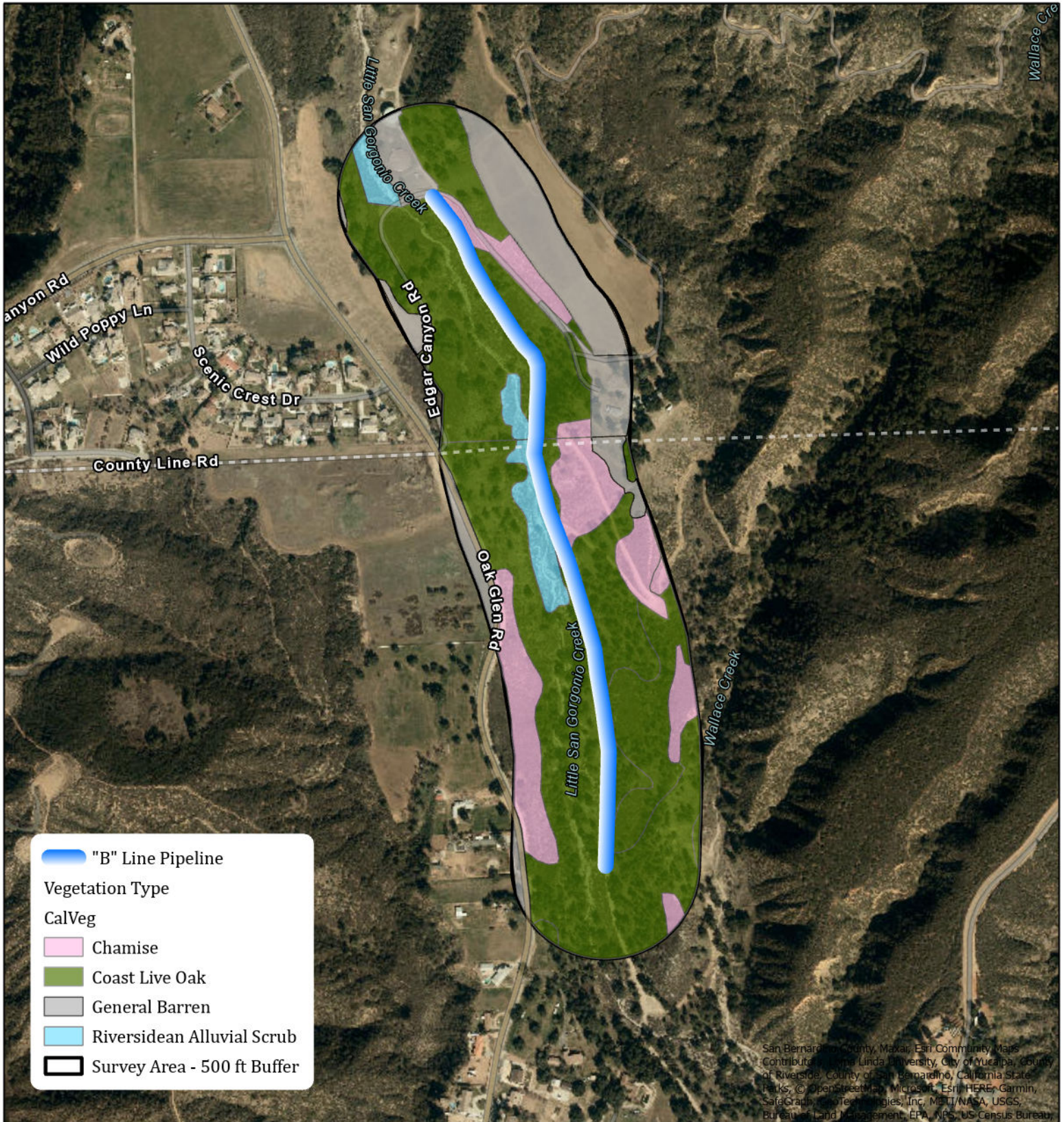
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Figure 5 - Vegetation/Land Covers
"B" Line Pipeline Replacement



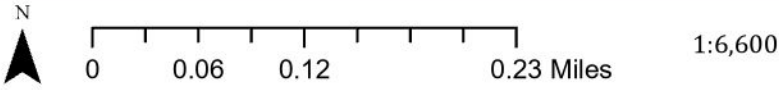
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- Vegetation Type**
- CalVeg**
-  Chamise
-  Coast Live Oak
-  General Barren
-  Riversidean Alluvial Scrub
-  Survey Area - 500 ft Buffer

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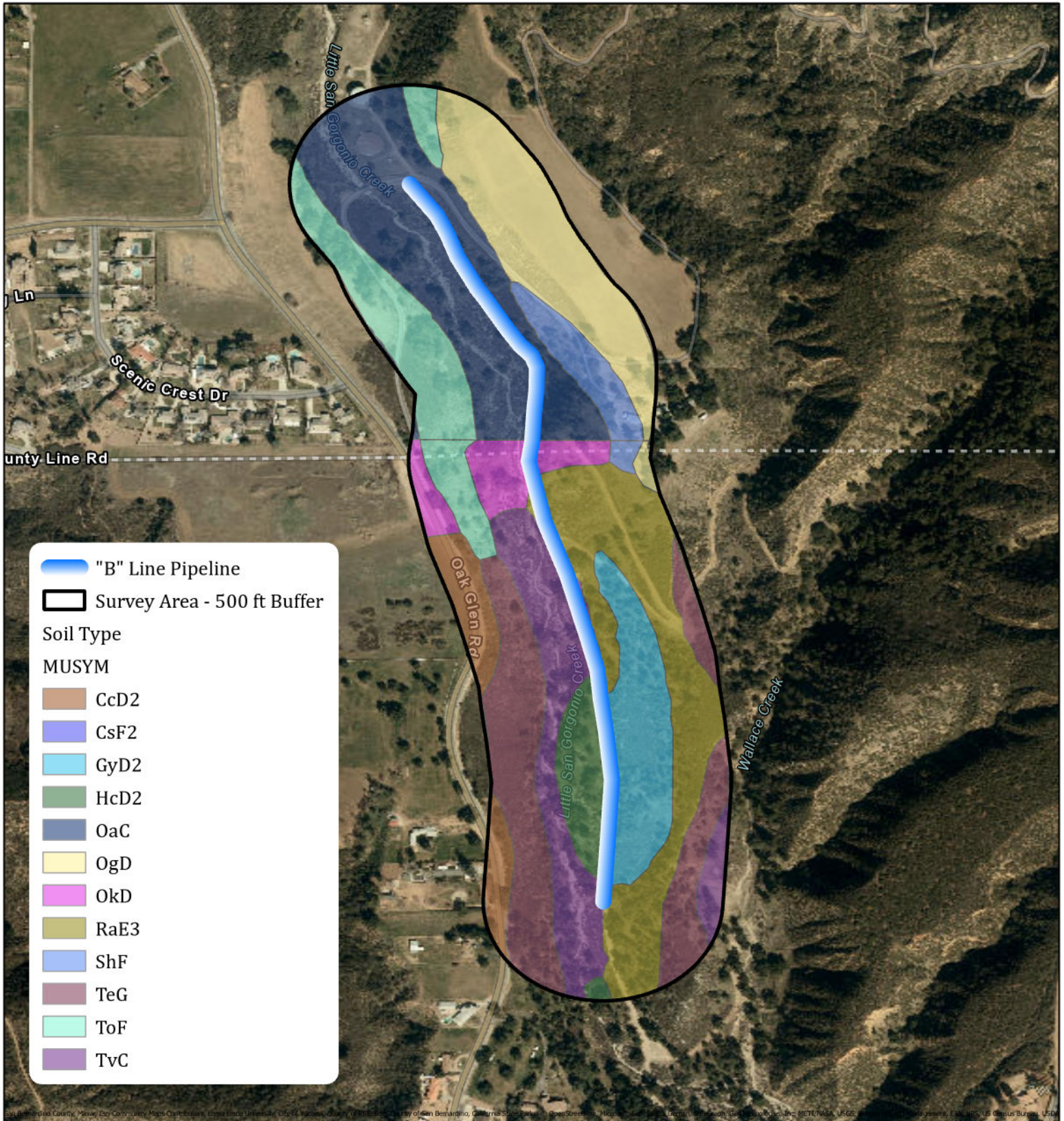
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**Figure 6 - NRCS Soils
"B" Line Pipeline Replacement**



"B" Line Pipeline

Survey Area - 500 ft Buffer

Soil Type

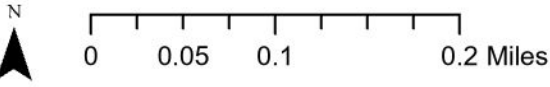
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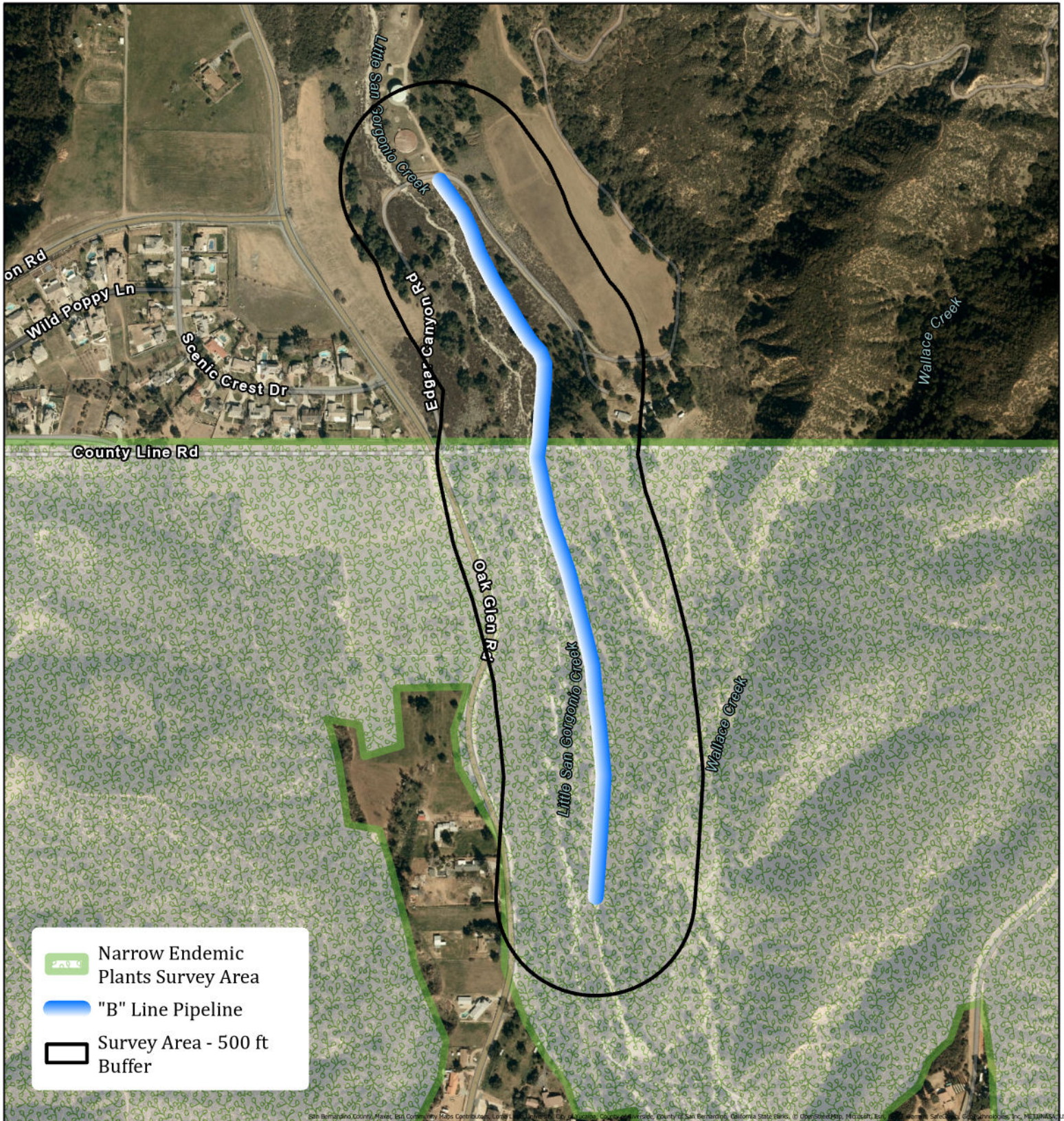
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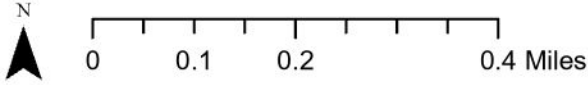
**Figure 7 - Narrow Endemic Assessment Area
"B" Line Pipeline Replacement**
1:6,600



630 W 7th St
San Jacinto, CA 92583

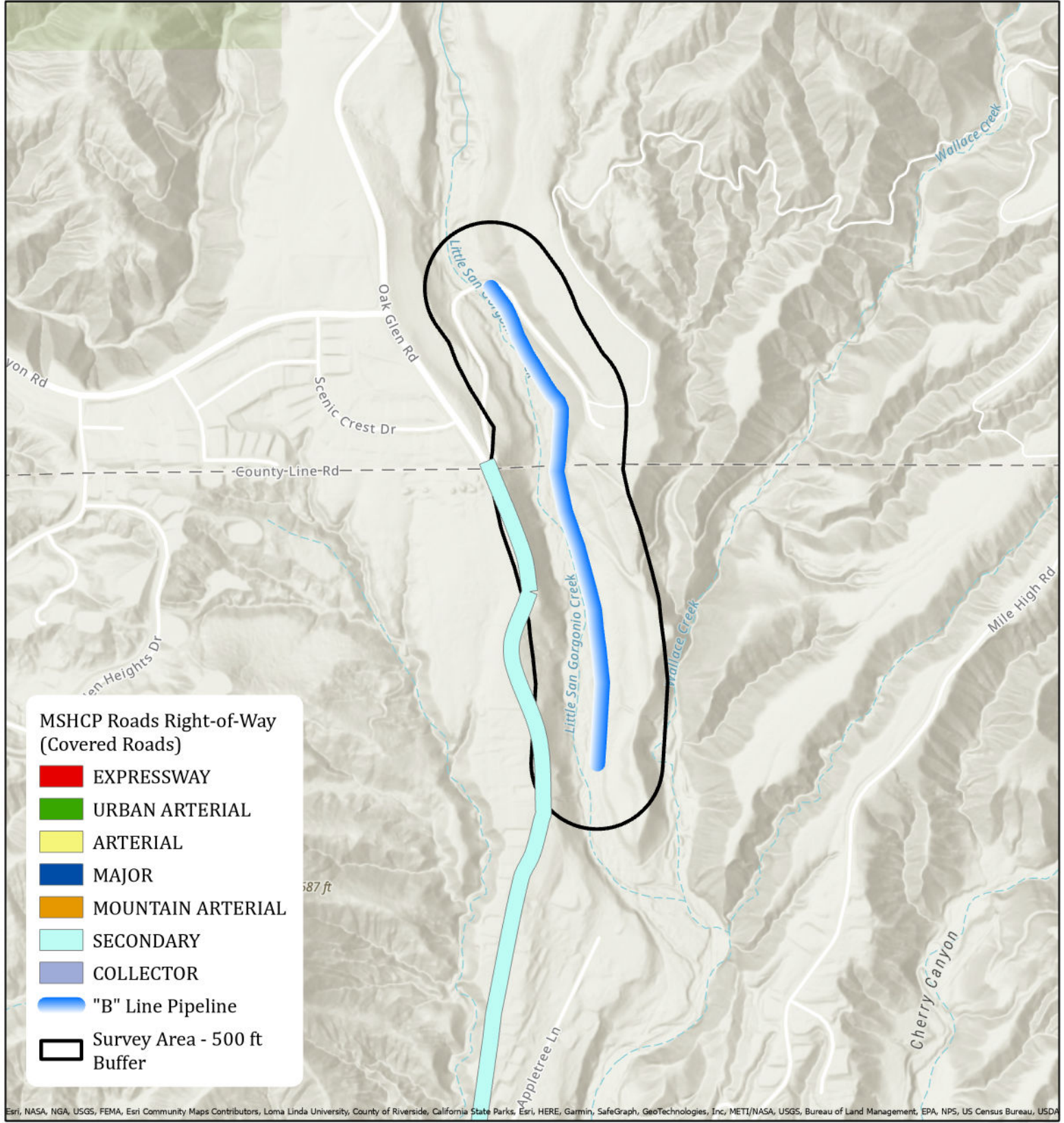
P. 951.292.5126

www.geovironment.com



1:12,000

**Figure 8 - MSHCP Covered Roads
"B" Line Pipeline Replacement**

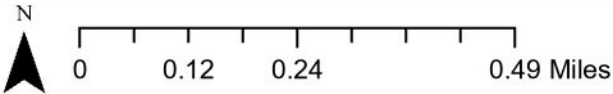


Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, Loma Linda University, County of Riverside, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

630 W 7th St
San Jacinto, CA 92583

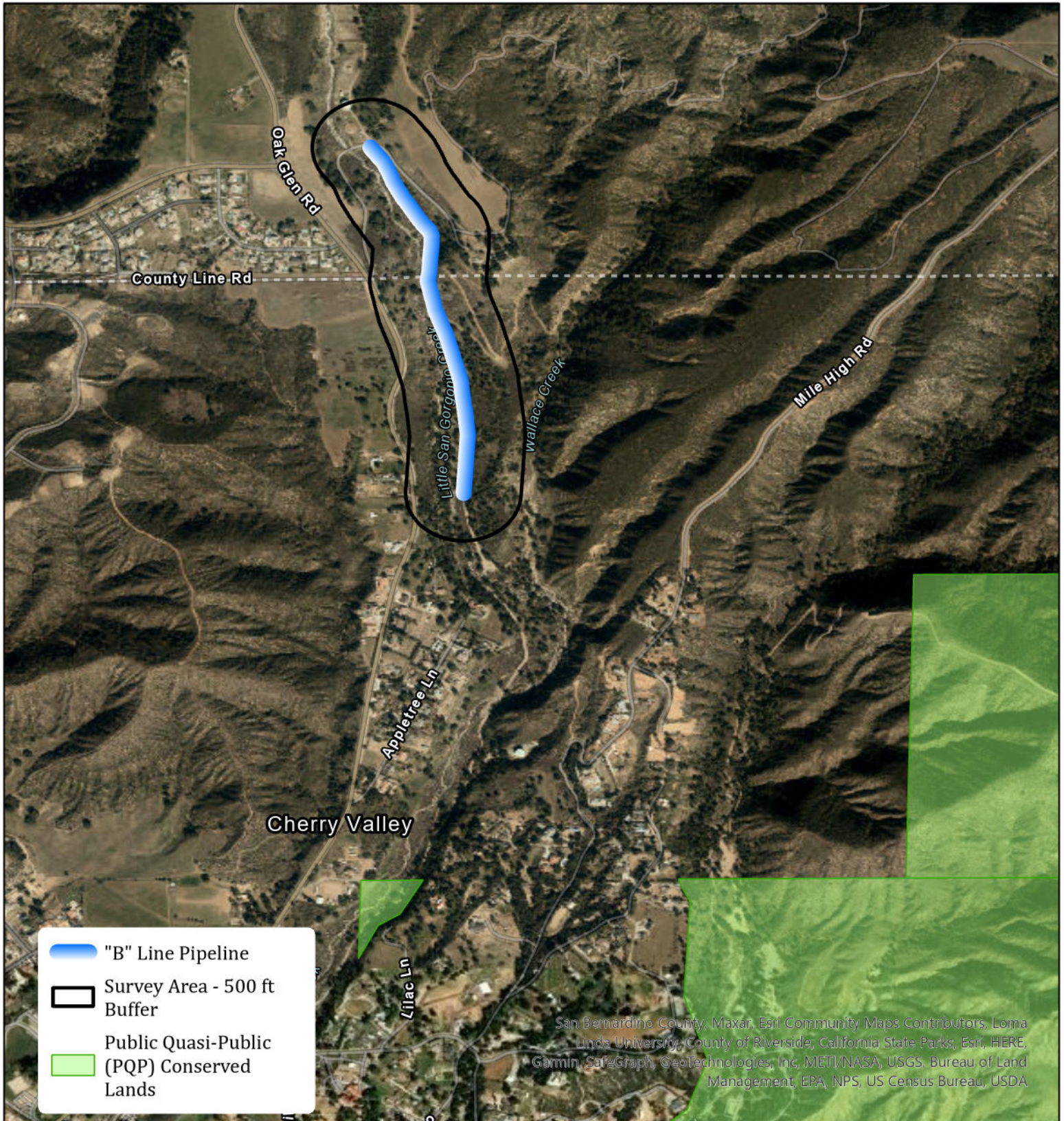
P. 951.292.5126




www.geovironment.com



1:13,700

**Figure 9 - Public Quasi-Public Lands
"B" Line Pipeline Replacement**



-  "B" Line Pipeline
-  Survey Area - 500 ft Buffer
-  Public Quasi-Public (PQP) Conserved Lands

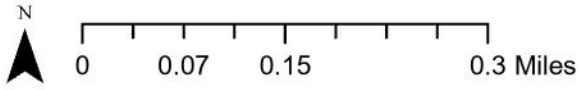
San Bernardino County, Maxar, Esri Community Maps Contributors, Loma Linda University, County of Riverside, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

630 W 7th St
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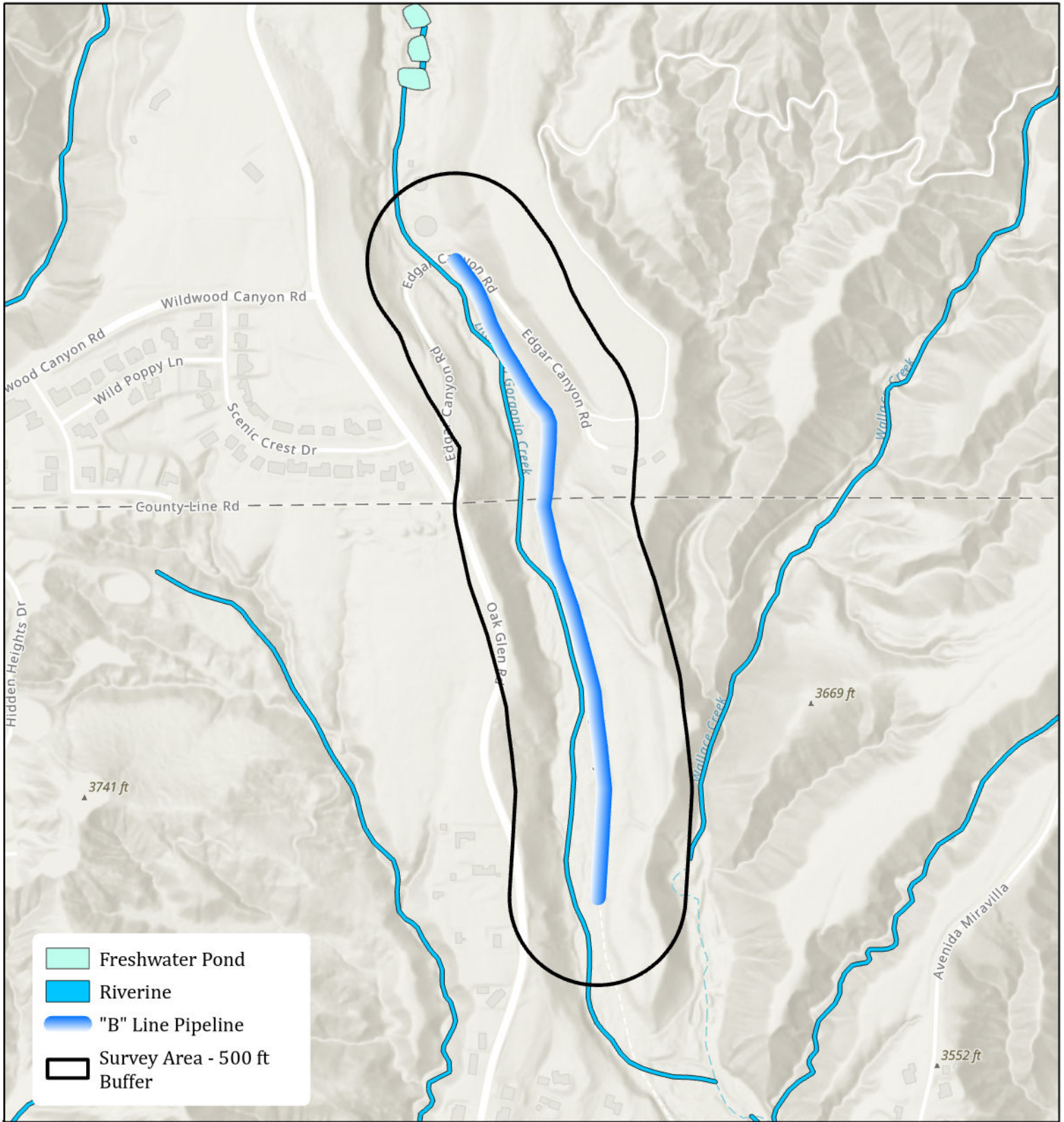
 P. 951.292.5126

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**Figure 10 - USFWS National Wetlands Inventory
"B" Line Pipeline Replacement**



1:9,000

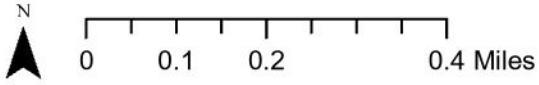


- Freshwater Pond
- Riverine
- "B" Line Pipeline
- Survey Area - 500 ft Buffer

630 W 7th St
San Jacinto, CA 92583

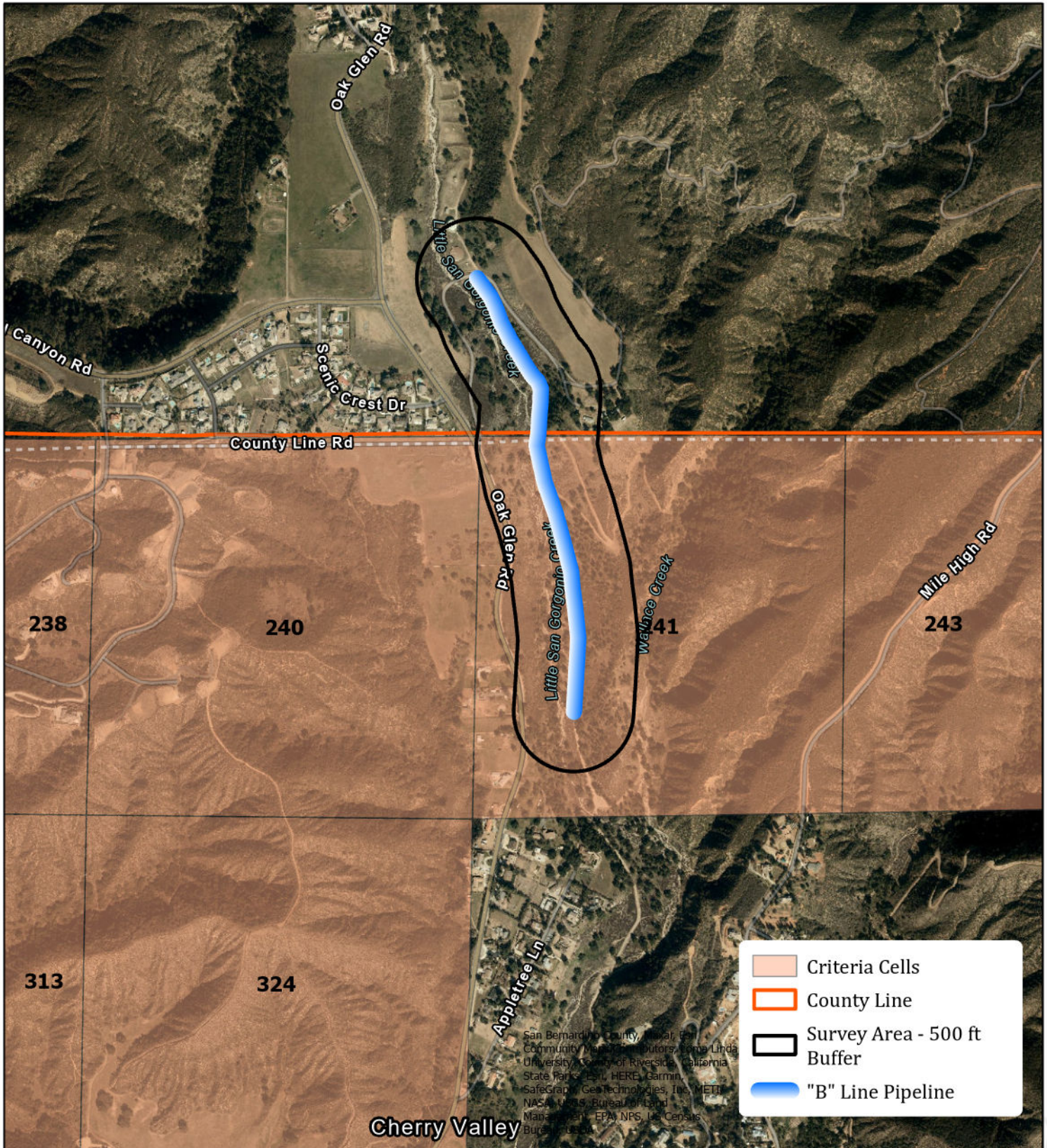
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1:13,500

Figure 11 - MSHCP Criteria Cells
"B" Line Pipeline Replacement



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1.0 Executive Summary

This Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Consistency Analysis (Analysis) provides the results of the required MSHCP assessments to determine if the proposed “B” Line Replacement project (Project), was consistent with the goals and objectives of the MSHCP. The “B” Line Pipeline is located within APN 032-512-201 in the community of Oak Glen in San Bernardino County and APN 401-150-004 and 401-160-001 in the community of Cherry Valley in Riverside County. The pipeline is located along Edgar Canyon Road, a dirt road. According to the Western Riverside Regional Conservation Authority (RCA) map, the pipeline segment is located within the MSHCP-designated area for Narrow Endemic Plant survey for Yucaipa Onion (*Allium marvini*) and Many-stemmed dudleya (*Dudleya multicaulis*) (Table 1).¹ Additionally, the middle portion of the Pipeline segment, which runs through APN 401-150-004, is located “in or adjacent to” Criterial Cell 241, 243 and Subunit 2 – Badlands/San Bernardino National Forest (Table 1).

Table 1. “B” Line Pipeline MSHCP Requirements for APN 401-150-004 and APN 401-160-001

APN	401-150-004	401-160-001
Roughstep	2	2
AP Subunit	SU2 – Badlands/San Bernardino National Forest	NA
Cellgroup	Not in a Cellgroup	Not in a Cellgroup
Criteria Cell	In or adjacent to 241, 243	In or adjacent to 241
Survey Area - Amphibian	Not in an amphibian survey area	Not in an amphibian survey area
Survey Area – Burrowing Owl	Not in a burrowing owl survey area	Not in a burrowing owl survey area
Survey Area – Mammal	Not in a mammal survey area	Not in a mammal survey area
Survey Area – Narrow Endemic Plants	Marvin’s Onion, Many-stemmed dudleya	Marvin’s Onion, Many-stemmed dudleya
Survey Area – Criteria Area Species	Not in a criteria area species survey area	Not in a criteria area species survey area
Delhi Sands Flower-loving Fly	Not in a Delhi Sand Flower-loving fly survey area	Not in a Delhi Sand Flower-loving fly survey area
Source: Regional Conservation Authority (2022a). “RCA MSHCP Information Map”. Website: https://wrcrca.maps.arcgis.com/apps/webappviewer/ Accessed: July 19, 2022		

The pipeline replacement segment is located in a portion of the community of Oak Glen in San Bernardino County and a portion of the community of Cherry Valley in Riverside County. The proposed Project would consist of the replacement of approximately 3,000 feet of 10-inch riveted steel water pipeline. The pipeline would be replaced with a 12-inch-high density polyethylene pipe (HDPE) or ductile iron pipe (DIP). The existing pipeline would be abandoned in place and the new pipeline would be constructed within the existing road right of way.

¹ Regional Conservation Authority (2022a). “RCA MSHCP Information Map”. Website: <https://wrcrca.maps.arcgis.com/apps/webappviewer/> Accessed: July 20, 2022

The Project is located within The Pass Area Plan (PAP) in the Cherry Valley Policy Area of the Western Riverside County MSHCP area. The Pass, or more specifically the San Gorgonio Pass Area, is a distinctive geographical area between the Coachella, San Jacinto, and Moreno Valleys and contains three Subunits.² The proposed Project is located in a portion of Subunit 2 – Badlands/San Bernardino National Forest and is located “in or adjacent to” Criteria Cell 241 and 243.¹ The pipeline segment is not located in a targeted area for long-term conservation as a part of the MSHCP Reserve Assembly.

Geovironment Consulting biologist conducted the habitat assessment of the pipeline replacement site on July 21, from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F (degrees Fahrenheit). The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project site. Notes were taken on general site conditions, vegetation, and suitability of habitat for various special-interest elements. All plant and animal species observed or otherwise detected during this field survey were noted and are listed in Appendix C.

The objective of the survey was to investigate general site conditions, general habitat, soil conditions, presence of indicator species, slope, aspect, hydrology, and to identify potentially suitable habitat areas for any special-status plant and wildlife species that may be on-site as indicated by the literature review and RCA map. Any potential sensitive habitats or areas on-site or in the immediate vicinity that could potentially support special-status floral or faunal species, as well as MSHCP species indicated in the RCA map, including Yucaipa onion (*Allium marvinii*) and many-stemmed dudleya (*Dudleya multicaulis*) were paid special attention to during the site assessment.

2.0 Introduction

The purpose of this Consistency Analysis (Analysis) report is to summarize the biological data for the proposed “B” Line Replacement Project and to document Project’s consistency with the goals and objectives of the Western Riverside County Multiple Species Habitat Conservation Plan. The proposed Project consists of a pipeline replacement in a portion of the community of Oak Glen and a portion of the community of Cherry Valley.

2.1 Project Area

The proposed Project is located in the community of Oak Glen in San Bernardino County and the community of Cherry Valley in Riverside County, California. The location of the proposed Project is depicted on the U.S. Geological Survey (USGS) Forest Falls, California 7.5-minute topographic quadrangle on Sections 10, 11, and 14 and Township T2S R1W and USGS Beaumont, California 7.5-minute topographic quadrangle on Section 14 and Township T2S R1W (Figure 3).

2.2 Project Location

The Project is located in the community of Oak Glen in San Bernardino County, California and in the community of Cherry Valley in Riverside County, California. The APNs that the Pipeline runs

² County of Riverside Transportation and Land Management Agency Environmental Programs Department (2003a). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP – Volumes 1 and 2. Approved June 17, 2003 (as amended).

through consist of APN 032-512-201 of San Bernardino County, California and APN 401-150-004 and APN 401-160-001 of Riverside County, California.

2.3 Project Description

The proposed Project would consist of the replacement of approximately 3,000 feet of 10-inch riveted steel water pipeline. The pipeline would be replaced with a 12-inch-high density polyethylene pipe (HDPE) or ductile iron pipe (DIP). The existing pipeline would be abandoned in place and the new pipeline would be constructed within the existing road right of way.

2.4 Covered Roads

The Project does not propose the construction of or the improvements to MSHCP Covered Roads. The Project would not directly or indirectly cause construction impacts to any MSHCP designated covered roads. The nearest MSHCP-designated Covered Road is Oak Glen Road located approximately 406 feet to the west of the pipeline segment.¹ Best Management Practices (BMPs), described below, would minimize indirect construction impacts.

2.5 Covered Public Access Activities

The Project does not entail the construction of, or improvements to, a Covered Public Access Facility. As mentioned in the above section, no MSHCP-designated Covered Roads are located near the segment and the nearest MSHCP-designated road is located 406 feet to the west. Best Management Practices (BMPs), described below, would minimize indirect construction impacts.

2.6 General Setting

The area surrounding the Project includes public roads, rural residential uses, and some agriculture uses. The northern section of the pipeline is in the unincorporated area of the County of San Bernardino and zoned for Oak Glen/Rural Living (OG/RL-20). The southern portion of the pipeline is in the unincorporated community of Cherry Valley in Riverside County and within two different parcels zoned for controlled development areas (W-2). The pipeline sits at approximately 3738.9 feet above mean sea level (amsl). Little San Gorgonio Creek runs almost parallel to the pipeline alignment approximately 20 feet at most parts to the west. Wallace Creek is located approximately 500 feet to the east of the pipeline. Soils within the limits of work consist of Oakdale sandy loam, 2 to 9 percent slopes (OaC), Oak Glen fine sandy loam, 5 to 15 percent slopes (OkD), Ramona sandy loam, 15 to 25 percent slopes, severely eroded (RaE3), Tujunga loamy sand, channeled, 0 to 8 percent slopes (TvC), Hanford coarse sandy loam, 8 to 15 percent slopes, eroded (Hcd2), Greenfield sandy loam, 8 to 15 percent slopes, eroded (GyD2), and Terrace escarpments (TeG).³

Figure 2 – Vicinity and Figure 4 – Project Area and Aerial Photograph depict the general setting of the Project area. Page 12 and Page 15 of Figure 4 indicate the two Little San Gorgonio Creek and “B” Line segment intersections.

3.0 Reserve Assembly Analysis

The MSHCP “is a comprehensive, multi-jurisdictional Habitat Conservation Plan (HCP) focusing on Conservation of species and their associated Habitats in Western Riverside County.”² The MSHCP

³ Soil Survey Staff, Natural Resource Conservation Service (2019). United States Department of Agriculture (USDA) NCRS Web Soil Survey App, Survey Area (SSURGO). Website: <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx> Accessed: July 20, 2022

encompasses approximately 1.26 million acres of land that stretches from the crest of San Jacinto Mountains west to the Orange County boundary.² Ultimately, the MSHCP will result in the conservation of more than 500,000 acres (347,000 acres on existing Public/Quasi-Public Lands [PQP] and 153,000-acres of Additional Reserve Lands [ARL]) that focuses on the 146 species covered by the MSHCP.²

The Project is located in the northern region of The Pass Area Plan.⁴ The target conservation acreage range for The Pass Area Plan is 22,510 – 27,895 acres; it is composed of approximately 13,970 acres of existing Public Quasi-Public Lands and 8,540 – 13,925 acres of ARL.⁴ The City of Banning, City of Beaumont, and City of Calimesa sit entirely within The Pass Area Plan.⁴ The Pass Area Plan is divided into three Subunits. For each Subunit, target conservation acreages are established along with a description of the Planning Species, Biological Issues and Considerations, and Criteria for each Subunit.⁴

The “B” Line pipeline is located “in or adjacent to” Criteria Cell 241 and 243, USGS Section 14, and Subunit 2 – Badlands/San Bernardino National Forest.¹ Conservation within Cell 241 will contribute to assembly of Proposed Constrained Linkage 23. Conservation within this Cell will focus on chaparral, and woodlands and forests. Areas conserved within this Cell will be connected to chaparral habitat proposed for conservation to the west and east in Cells #240 and #243.⁴ Conservation within this Cell will range from 40%-50% focusing on the southern portion of the Cell. Conservation within Cell 243 will contribute to the assembly of Proposed Constrained Linkage 23. Conservation within this Cell will focus on chaparral and woodlands and forests. Areas conserved within this Cell will be connected to chaparral habitat proposed for conservation to the west in Cell #241.⁴

Subunit 2 - Badlands/San Bernardino National Forest target acreage for ARL within the Subunit is 1.1505 – 2,195 acres.⁴ Planning species for Subunit 2 includes Bell’s sage sparrow (*Artemisiospiza belli*), bobcat (*lynx rufus*), Los Angeles pocket mouse (*Perognathus longimembris brevinasus*) and San Bernardino mountain kingsnake (*Lampropeltis zonata*).⁴ Subunit 2 considerations include providing a connection in the Cherry Valley area from the Badlands to Bogart Park, providing opportunities inside and outside of the Plan Area to San Bernardino County. It is recognized that this connection traverses an urban area, however Conservation of existing natural Habitat and incorporation of ditches this contiguous connection.⁴ Subunit 2 conservation goals also focus on maintaining a wetland connection via Noble Creek, determining presence of potential linkage area for bobcat, determining presence of potential Core Area for Los Angeles pocket mouse in tributaries to San Timoteo Creek and maintaining Core Area for San Bernardino mountain kingsnake.⁴

Although the Project is located in or adjacent to Criteria Cell 241 and 243, the Project will not permanently impact the habitat in Cell 214 or Cell 243 or have long-term effects on either of the Cell’s conservation goals or the conservation goals of Subunit 2 – Badlands/San Bernardino National Forest.

⁴ County of Riverside Transportation and Land Management Agency (2003b). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP – Volumes 1 and 2. Approved June 17, 2003 (as amended), Section 3.3.10 The Pass Area Plan.

3.1 Public Quasi-Public Lands

3.1.1 Public Quasi-Public Lands in Reserve Assembly Analysis

The Project will not directly or indirectly impact Public-Quasi-public (PQP) Conserved Lands. The nearest PQP Conserved Lands are located approximately 0.21 miles to the southwest of the south end of the pipeline segment.¹ The limits of work do not extend into PQP lands (Figure 10).

3.1.2 Project Impacts to Public Quasi-Public Lands

The proposed Project will not directly impact Public/Quasi-public lands. Construction activities have the potential to indirectly impact wildlife using this area. Best Management Practices (BMPs), described below, would minimize any indirect impacts.

4.0 Vegetation Mapping

4.1 Methods

Prior to performing the habitat assessment, a literature review was conducted of the environmental setting of the Project site. This included a review of the most recent records of the California Natural Diversity Database (CNDDDB) managed by the California Department of Fish and Wildlife (CDFW 2022) and the CNPS Electronic Inventory (CNPSEI) of Rare and Endangered Vascular Plants of California (2022) for both the Forest Falls, California United States Geological Survey (USGS) 7.5-minute topographic quadrangle map (2021) and the Beaumont, California USGS 7.5-minute topographic quadrangle map (2021). The literature review also included the United States Department of Agriculture (USDA 1971) Soil Survey for the Project site (Figure 6). The Regional Conservation Authority MSHCP Information Map was reviewed for the Project's APNs Western Riverside County MSHCP requirements. The results of the literature review are located in Appendix B to this report.

A Geovironment biologist reviewed current Forest Falls, California USGS 7.5-minute topographical quadrangle maps, Beaumont, California USGS 7.5-minute topographical quadrangle maps and aerial photographs as a preliminary analysis of the existing conditions within the Project site and immediate vicinity. Aerial photographs that provide the most current site conditions relative to on-site and off-site land use, plant community locations, and potential locations of wildlife movement corridors were reviewed prior to the site visit.

The habitat assessment for the pipeline replacement site was conducted on July 21, 2022 from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites.

A brief description of the vegetation communities/land covers present on the Project is presented below. The distribution of vegetation communities and land covers on the Project site is depicted on Figure 5. A complete list of the flora observed on the Project is provided in Appendix C, and a complete list of the fauna observed on, above or near the Project is provided in Appendix C.

4.2 Existing Conditions and Results

The proposed "B" Line segment to be replaced is located within a rough graded, dirt road. According to the literature search, fourteen types of soils are found on the project site and within its respective 500-foot buffer survey area.³ Based on the database review and field survey no natural communities of special concern or aquatic resources subject to the United States Army Corps of

Engineers (Corps), Regional Water Quality Control Board (RWQCB), or CDFW jurisdictions are present in the study area.⁵ The term “Critical Habitat” applies to areas designated by the USFWS to be of biological importance to Federally-listed species. No sensitive vegetation communities/habitat types occur within the Project area.

The segment is bordered by several vegetation communities. The vegetation communities of the site’s surrounding consist of Coastal Scrub, Coastal Oak Woodland, Mixed Chaparral, and Urban habitat. The proposed Project will not remove any trees, however, may remove some vegetation on-site during excavation. Pipeline construction will consist of trenching the dirt road the segment will run through and will be backfilled and covered following completion of construction of the pipeline. Soils within the limits of work consist of OaC, OkD, RaE3, TvC, HcD2, GyD2, and TeG (Figure 6). The surrounding area consists of rural residential uses and some agricultural use. The pipeline begins along Edgar Canyon Road. Most of the pipeline alignment is comprised of bare ground and sparse cover of invasive and non-native species including Russian thistle and wild oats. There are no trees located within the limits of work. Vegetation found within the 500-foot survey area and bordering the pipeline segment site included Riversidean alluvial scrub, coast live oak, chamise, general barren vegetation, manzanita chaparral, and scrub oak, described below.

4.3 Urban

This category applies to landscapes that are dominated by urban structures, residential units, or other developed land use elements such as highways, city parks, and cemeteries.⁶ In those cases in which the managed landscapes may have a considerable vegetation component, other land use categories may be more appropriate, such as Ornamental Conifer and Hardwood mixtures within city parks. Much of the landscape in southern California has been mapped in this category.⁶

4.3.1 General Barren

Landscapes generally devoid of vegetation as seen from a high-altitude image source such as aerial photography are labeled as Barren.⁶ This category includes mappable landscape units in which surface lithology is dominant, such as exposed bedrock, cliffs, interior sandy or gypsum areas, and the like. It does not include areas considered as modified or developed, as in urban areas, but may include quarries and mine sites.⁶

4.4 Coastal Scrub

Structure of the plant associations that comprise Coastal Scrub is typified by low to moderate-sized shrubs with mesophotic leaves, flexible branches, semi-woody stems growing from a woody base, and a shallow root system (Harrison et al. 1971, Bakker 1972).⁶

4.4.1 Riversidean Alluvial Scrub

Alluvial fans and dry washes in xeric, interior areas of the Montane Section close to developed areas may contain a mixture of species, of which Scalebroom (*Lepidospartum squamatum*), California Buckwheat (*Eriogonum fasciculatum*), California Sagebrush (*Artemisia californica*), White Sage (*Salvia apiana*), and Encelia spp., may be prominent.⁶ Since the history of ground disturbance is a factor in the species composition of the Riversidean Alluvial Scrub Alliance, other species may also

⁵ United States Fish and Wildlife Service (USFWS). 2022. National Wetlands Inventory website. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. Available at <http://www.fws.gov/wetlands/>. Accessed, July 20, 2022.

⁶ USDA - Forest Service (2009). USDA-Forest Service, Vegetation Classification & Mapping, “Vegetation Descriptions South Coast and Montane Ecological Province CALVEG Zone 7”.

occur, including *Opuntia* spp., Chaparral Yucca (*Yucca whipplei*), *Rhus* spp., and California Juniper (*Juniperus californica*).⁶ It has been mapped as patchy areas of San Bernardino and Riverside Counties at elevations up to about 5000 ft (1524 m) on low gradient slopes. In the Coast Section, where the alliance has also been mapped, these sites are usually sandy washes with episodic flood patterns. In species composition and geographic proximity, the Riversidean Alluvial Scrub Alliance merges with the California Buckwheat and California Sagebrush Alliances and takes its name from a type named by Robert Holland (“Holland type”) in the mid-1980s.⁶

4.4.2 Chamise

Chamise (*Adenostoma fasciculatum*), a shade-intolerant, relatively long-lived but fire-sensitive evergreen shrub, is considered to be the most characteristic and widely distributed chaparral species in California’s foothills and coastal mountains.⁶ As a dominant shrub identifying this alliance, it often develops on sites that are harsher in terms of having shallow soils, recent fire disturbance, or having more xeric or sunnier environments (e.g., south facing slopes) than the adjacent Lower Montane Mixed Chaparral Alliance.⁶ Chamise appears to be affected by extreme winter temperatures, which limits its distribution in colder climates to the north and east, its natural range being from Mendocino County to Baja California, east to the Sierra Nevada foothills and west to the Channel Islands. This type has been mapped extensively in the Coast and Mountains Sections within twenty-four subsections, occupying most aspects and slope gradients.⁶ The elevation of these sites are generally below about 4800 ft (1464 m) in the Coast Section, and somewhat higher in interior sites of the Mountains Section.⁶ It grades into the Redshank (*Adenostoma sparsifolium*) Alliance in the Palomar Mountains in San Diego County and areas near the San Jacinto Mountains of Riverside County and elsewhere with the California Buckwheat (*Eriogonum fasciculatum*) and Annual Grasses and Forbs Alliances.⁶ Very little other vegetation is found on these sites but Chaparral Yucca (*Yucca whipplei*) often occurs on more open sites and Coast Live Oak (*Quercus agrifolia*) is sometimes present in the immediate vicinity.⁶

4.5 Coastal Oak Woodland

Coastal oak woodlands are extremely variable. The overstory consists of deciduous and evergreen hardwoods (mostly oaks 4.5-21 m) 15 to 17 feet tall sometimes mixed with scattered conifers.⁶ In mesic sites, the trees are dense and form a closed canopy. In drier sites, the trees are widely spaced, forming an open woodland or savannah. The understory is equally variable. In some instances, it is composed of shrubs from adjacent chaparral or coastal scrub which forms a dense, almost impenetrable understory.⁶ More commonly, shrubs are scattered under and between trees. Coastal oak woodlands are common to mesic coastal foothills of California.⁶

4.6 Mixed Chaparral

Mixed Chaparral is a structurally homogenous brushland type dominated by shrubs with thick, stiff, heavily cutinized evergreen leaves.⁶ Mixed Chaparral occurs as a mosaic on low to middle elevation slopes below several woodland and forest types. Mixed Chaparral generally occupies more mesic sites at higher elevations or on north-facing slopes. In southern California, Coastal Scrub (CSC) may form the lower chaparral boundary.⁶

Table 2. Land Covers/Vegetation

Vegetation Bordering Dirt Road of Pipeline Alignment	Vegetation Within the 500-foot Survey Buffer
1. Urban	1. Urban

General Barren Vegetation 2. Coastal Scrub Riversidean Alluvial Scrub Chamise 3. Coastal Oak Woodland Coast Live Oak Vegetation 4. Mixed Chaparral Scrub Oak	General Barren Vegetation 2. Coastal Scrub Riversidean Alluvial Scrub Chamise 3. Coastal Oak Woodland Coast Live Oak Vegetation 4. Mixed Chaparral Scrub Oak Chamise Manzanita Chaparral
Source: Regional Conservation Authority (2022a). "RCA MSHCP Information Map". Website: https://wrcrca.maps.arcgis.com/apps/webappviewer/ Accessed: July 20, 2022	

Table 3. NRCS Soils Within the Limits of Work

Soil Types
OaC - Oakdale sandy loam, 2 to 9 percent slopes
OkD - Oak Glen fine sandy loam, 5 to 15 percent slopes
RaE3 - Ramona sandy loam, 15 to 25 percent slopes, severely eroded
TvC - Tujunga loamy sand, channeled, 0 to 8 percent slopes
HcD2 - Hanford coarse sandy loam, 8 to 15 percent slopes, eroded
GyD2 - Greenfield sandy loam, 8 to 15 percent slopes, eroded
Teg - Terrace escarpments
Source: Soil Survey Staff, Natural Resource Conservation Service (2019). United States Department of Agriculture (USDA) NCRS Web Soil Survey App, Survey Area (SSURGO). Website: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx Accessed: July 20, 2022

5.0 Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools

5.1 Riparian/Riverine Areas

5.1.1 Methods

Prior to conducting the habitat assessment, Geovironment biologist reviewed the Forest Falls, California 7.5-minute USGS Quadrangle, the Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, and Google Earth to identify any potential natural drainage features and water bodies.

USFWS NWI maps indicated riverine features within the 500-foot buffer of the Project segment.⁵ An assessment of MSHCP riparian and riverine features was conducted as part of the habitat assessment.

The habitat assessment for pipeline replacement site was conducted on July 21, 2022 from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. The literature search yielded no riparian or riverine features within the limits of work (Figure 4 and Figure 10). Riparian or riverine features were found within the 500-foot survey area buffer.

5.1.2 Existing Conditions and Results

The USFWS National Wetlands Inventory Map of the Project sites indicates that the Project sites contain riverine features that meet criteria as waters of the United States within the 500-foot survey area.⁵ Little San Geronio Creek was observed alongside the west of the “B” Line pipeline segment (Figure 10). The pipeline segment is located under a rough graded, dirt road. Soils within the limits of work consist of OaC, OkD, RaE3, TvC, HcD2, GyD2 (Table 3). The surrounding vegetation habitats included coastal scrub comprised of Riversidean alluvial scrub and chamise, coastal oak woodland, mixed chaparral comprised of chamise, manzanita chaparral, and scrub oak, and urban habitat (Table 2).

5.1.3 Impacts

The proposed Project would not permanently affect jurisdiction, riparian, or riverine features as the pipeline would not obstruct the riverine feature (Figure 10). The pipeline segment is located under Edgar Canyon Rd, a dirt road.

5.1.4 Mitigation

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), located in Section 10 of this report, to avoid any potential direct or indirect riparian/riverine features surrounding the Project area. Construction staging away from Little San Geronio Creek is recommended. In all locations of the Project, construction activities, vehicular traffic (including movement of all equipment), and storage of construction materials shall be restricted to establish construction areas as indicated by flagging, fencing, and/or signage. No equipment should be staged off Edgar Canyon Road to reduce impacts to Little San Geronio Creek.

5.2 Vernal Pools

5.2.1 Methods

As previously discussed, prior to conducting the habitat assessment, Geovironment biologist reviewed Forest Falls, California 7.5-minute USGS Quadrangle, Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, and Google Earth to identify any potential natural drainage features and water bodies, including vernal pools. Aerial photographs and digital map imagery were researched for vernal pools prior to the field survey.

The habitat assessment for the pipeline replacement site was conducted on July 21, 2022 from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. An assessment of potential jurisdictional features was conducted during the habitat assessment, including vernal pools.

5.2.2 Existing Conditions and Results

The USFWS NWI Map of the Project sites indicates that the Project sites contain riverine features that meet criteria as waters of the United States within the 500-foot survey area.⁵ Little San Geronio Creek was observed alongside the west of the “B” Line pipeline segment (Figure 10). The pipeline segment is located under a rough graded, dirt road. No vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat

assessment. The surrounding vegetation habitats included coastal scrub comprised of Riversidean alluvial scrub and chamise, coastal oak woodland, mixed chaparral comprised of chamise, manzanita chaparral, and scrub oak, and urban habitat (Table 2). Soils within the limits of work consist of OaC, OkD, RaE3, TvC, HcD2, GyD2 (Table 3).

5.2.3 Impacts

The proposed Project will not directly or indirectly affect vernal pools as none are located on the Project site. The proposed Project would not permanently affect jurisdiction, riparian, or riverine features as the pipeline would be located under Edgar Canyon Rd, a dirt road.

5.2.4 Mitigation

The proposed Project will not affect vernal pools as none are located on the Project site. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), located in Section 10 of this report, to avoid any potential direct or indirect riparian/riverine features, surrounding the Project area.

5.3 Fairy Shrimp

5.3.1 Methods

As previously discussed, prior to conducting the habitat assessment, Geovironment biologist reviewed Forest Falls, California 7.5-minute Quadrangle and Beaumont, California 7.5-minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, and Google Earth to identify any potential natural drainage features and water bodies, including vernal pools. Aerial photographs and digital map imagery were researched for vernal pools prior to the field survey.

The habitat assessment for pipeline replacement site was conducted on July 21, 2022 from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. An assessment of potential jurisdictional features was conducted during the habitat assessment, including vernal pools.

5.3.2 Existing Conditions and Results

The USFWS NWI Map of the Project sites indicates that the Project sites contain riverine features that meet criteria as waters of the United States within the 500-foot survey area.⁵ Little San Geronio Creek was observed alongside the west of the “B” Line pipeline segment (Figure 10). The pipeline segment is located under a rough graded, dirt road. As previously discussed, no vernal pools or vernal pool indicators were observed within the proposed Project areas or overall, during the habitat assessment. The surrounding vegetation habitats included coastal scrub comprised of Riversidean alluvial scrub and chamise, coastal oak woodland, mixed chaparral comprised of chamise, manzanita chaparral, and scrub oak, and urban habitat (Table 2). Soils within the limits of work consist of OaC, OkD, RaE3, TvC, HcD2, GyD2 (Table 3).

Due to a lack of vernal pool habitat on the “B” Pipeline replacement alignment, it was concluded that fairy shrimp cannot exist on the site.

5.3.3 Impacts

No vernal pools, vernal pool features, or fairy shrimp exist on the pipeline replacement alignment, therefore there will be no impacts to fairy shrimp.

5.3.4 Mitigation

No vernal pools, vernal pool features, or fairy shrimp exist on any of the six pipeline replacement segment sites, therefore, will be no impacts to fairy shrimp. Mitigation is not necessary for fairy shrimp.

5.4 Riparian Birds

5.4.1 Methods

A literature search for the pipeline segment was conducted prior to the habitat assessment. As part of the literature search, a Geovironment biologist compiled a list of threatened, endangered and otherwise special status species previously recorded within Project area. The Forest Falls, California 7.5 minute USGS Quadrangle, the Beaumont, California 7.5 Minute USGS Quadrangle, topographic maps, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI), California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDDB), and database were reviewed to determine a list of species that could potentially located in the Project area.

The habitat assessment for the pipeline replacement site was conducted on July 21, 2022 from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. An assessment of potentially jurisdictional features, including riparian and riverine features, habitat assessment, and riparian birds were conducted as part of the habitat assessment. Binoculars were utilized to locate potential target species within the 500-foot survey buffer area. Target riparian species included least Bell's vireo (*Vireo bellii pusillus*), southwestern willow flycatcher (*Empidonax traillii extimus*), or yellow-billed cuckoo (*Coccyzus americanus*).

5.4.2 Existing Conditions and Results

The USFWS National Wetlands Inventory Map of the Project sites indicates that the Project sites contain riverine features that meet criteria as waters of the Unites States within the 500-foot survey area.⁵ Little San Gorgonio Creek was observed alongside the west of the "B" Line pipeline segment (Figure 10). The pipeline segment is located under a rough graded, dirt road. Soils within the limits of work consist of OaC, OkD, RaE3, TvC, HcD2, GyD2 (Table 3). The surrounding vegetation habitats included coastal scrub comprised of Riversidean alluvial scrub and chamise, coastal oak woodland, mixed chaparral comprised of chamise, manzanita chaparral, and scrub oak, and urban habitat (Table 2).

There are no riparian vegetation species on the Project site itself that would provide nesting, breeding, or foraging habitat for riparian birds; however, Riversidean Alluvial scrub vegetation is bordering sections of the Edgar Canyon Rd, the dirt road the pipeline replacement is proposed to be located within (Figure 5). No riparian birds were observed on site during the field survey. No suitable habitat was present within the limits of work.

5.4.3 Impacts

The proposed Project would not permanently affect jurisdiction, riparian, or riverine features as the pipeline would be located under the creek bed at the two crossover points (Figure 12). The pipeline segment is located under Edgar Canyon Rd, a dirt road.

5.4.4 Mitigation

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), located in Section 10 of this report, to avoid any potential direct or indirect riparian/riverine features and riparian birds or riparian bird habitat surrounding the Project area. If Project activities occur during the bird nesting season (i.e., February 1 through August 31), a pre-construction nesting bird survey should be performed by a qualified biologist no more than three days prior to any construction activities to avoid any direct or indirect impacts to active nests and thus ensure compliance with the Migratory Bird Treaty Act (MBTA) and California Fish and Wildlife Code.

6.0 Protection of Narrow Endemic Plant Species (Section 6.1.3)

6.1 Methods

A Geovironment biologist compiled a list of threatened, endangered, and otherwise special-status plant species previously recorded within the general Project vicinity. This included a review of the most recent records of the California Natural Diversity Database (CNDDDB) managed by the California Department of Fish and Wildlife (CDFW 2022) and the CNPS Electronic Inventory (CNPSEI) of Rare and Endangered Vascular Plants of California (2022) for the Forest Falls, California USGS 7.5-minute topographical quadrangle map (2021) and the Beaumont, California USGS 7.5-minute topographic quadrangle map (2021).

The habitat assessment for pipeline replacement site was conducted on July 21, 2022 from 11:00 a.m. – 3:00 p.m. Weather conditions during the habitat assessment were sunny, clear skies, and temperature at 90°F. The field survey included an on-foot investigation of a 500-foot buffer surrounding the Project sites. The RCA map indicated Yucaipa onion (*Allium marvinii*) and Many-stemmed dudleya (*Dudleya multicaulis*) as MSHCP species to have potential in the area of the Project site. A description of habitat for the RCA MSHCP designated species within the Project area is located in Table 4.¹ The field survey focused on potential sensitive habitats or areas on-site that could potentially support special-status floral and faunal species, as well as the MSHCP species indicated on the RCA map. The general habitat, soil conditions, presence of indicator species, slope, aspect, and hydrology were investigated.

6.2 Existing Conditions and Results

As described in Section 4 of the Analysis, the Project site vegetation consisted of coastal scrub comprised of Riversidean alluvial scrub and chamise, coastal oak woodland, mixed chaparral comprised of scrub oak, chamise, and manzanita chaparral, and urban habitat. The pipeline segment is to be located within Edgar Canyon Rd. The pipeline alignment, nor its 500-foot buffer consisted of suitable habitat for Yucaipa onion or Many-stemmed dudleya (Table 4).

Table 4. MSHCP Narrow Endemic Plant Species Attributes and Habitat Affinities

Species	MSHCP Habitat	Blooming Period	Habitat Suitability
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<p>Yucaipa Onion <i>Allium marvinii</i></p>	<p>Openings in chaparral habitat at elevations between 760 and 1065 m. Found in clay soils.</p>	<p>Perennial bulb April - May</p>	<p>None. Suitable soils (clay) are not present at the Project site; however, chaparral vegetation is located in some areas bordering the road of where the pipeline alignment will be. Although some openings in chaparral habitat were found, the soils were not suitable for Yucaipa Onion.</p>
<p>Many-stemmed dudleya <i>Dudleya multicaulis</i></p>	<p>Clay soils in barrens, rocky places, and ridgelines as well as thinly vegetated openings in chaparral, coastal sage scrub, and southern needlegrass grasslands on clay soils.</p>	<p>Perennial May - June</p>	<p>None. Suitable soils (clay soils) were not present at the Project site; however, chaparral and coastal sage scrub habitat was present. Although vegetation was present, the soils were not suitable for Many-stemmed dudleya.</p>
<p>Source: County of Riverside Transportation and Land Management Agency (2003c). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP – Volumes 1 and 2. Approved June 17, 2003 (as amended), Section 6.1.3, Table 6-1 Narrow Endemic and Criteria Area Survey Plant Species Attributes and Habitat Affinities.</p>			

The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species survey area identified on APN 401-150-004 and APN 401-160-001 of Riverside County, California. APN 032-512-201 in the community of Oak Glen, San Bernardino County, California also do not have existing conditions on site that prove habitat for the MSHCP narrow endemic species. Vegetation of the site consisted of non-native grasses, coast live oak, Riversidean alluvial scrub, chamise, scrub oak, manzanita chaparral, and general barren vegetation classifications. The pipeline segment is located within a dirt road. There is no suitable habitat for both special-status and MSHCP narrow endemic plant species within the limits of work or within its respective 500-foot survey buffer area. Habitat for the narrow endemic plant species listed by the MSHCP does not exist on the site; therefore, focused surveys are not required.

The habitat assessment conducted for the MSHCP Habitat Assessment is a general survey of the site, and not a focused survey for narrow endemic species. The site was not investigated in season for these species using protocol for focused surveys of these species. The existing conditions on-site do not provide habitat for the MSHCP narrow endemic species identified in the APNs. The Project site offers no suitable habitat for both special-status plant species indicated in the CNPS query results and MSHCP narrow endemic plant species. Habitat does not exist for the MSHCP narrow endemic plant species on the site.

6.3 Impacts

The immediate surrounding area of the segment offers no suitable habitat for both special-status plants, Yucaipa Onion and Many-stemmed dudleya. No sensitive, threatened, or endangered plant species were found on the site during the habitat assessment.

6.4 Mitigation

Habitat for the narrow endemic plant species listed by the MSHCP does not exist on the site. Focused surveys for the species are not required. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C).

7.0 Additional Survey Needs and Procedures (Section 6.3.2)

7.1 Criteria Area Plant Species

The proposed Project is not located in an MSHCP-designated criteria area plant species survey area.¹

7.2 Amphibians

The proposed Project is not located in an MSHCP-designated amphibian survey area.¹

7.2.1 Methods

Because the proposed Project is not located in an MSHCP-designated amphibian survey area, the site was not analyzed for amphibians.

7.2.2 Existing Conditions and Results

Not applicable.

7.2.3 Impacts

Not applicable.

7.3 Burrowing Owl

7.3.1 Methods

The proposed Project is not located in an MSHCP-designated Burrowing Owl survey area.¹

7.3.2 Existing Conditions and Results

Not applicable.

7.3.3 Impacts

Not applicable.

7.4 Mammals

7.4.1 Methods

The proposed Project is not located in an MSHCP-designated mammal survey area.¹

7.4.2 Existing Conditions and Results

Not applicable.

7.4.3 Impacts

Not applicable.

8.0 Information on Other Species

8.1 Delhi Sands Flower Loving Fly

The proposed Project is not located in an MSHCP-designated Delhi sands flower loving fly (*Rhaphiomidas terminates abdominalis*) survey area.¹

8.2 Species Not Adequately Conserved

The CNDDDB analysis yielded fifty-five (55) sensitive species previously recorded in the USGS *Forest Falls, California* 7.5-minute quadrangle and the USGS *Beaumont, California* 7.5-minute quadrangle.⁷ Of those species seven (7) special-status species are Federally or State listed species that were evaluated for potential to occur within the study area and included in the habitat assessment. CNPS Rare Plant Inventory query results yielded fifteen (15) rare plants known to occur within the USGS *Forest Falls, California* 7.5-minute quadrangle, USGS *Beaumont, California* 7.5-minute quadrangle and their eleven adjoining quadrangles.⁸ Non-listed special-status species (e.g. CDFW Watch List and California Rare Plant Rank 1, 2, 3, 4, etc.) were evaluated and determined to have no potential to occur in the study area.

Additionally, Subunit 2 – Badlands/San Bernardino National Forest planning species include Bell's sage sparrow, bobcat, Los Angeles pocket mouse, and the San Bernardino Mountain kingsnake. The conservation goals for Subunit 2, as stated in above section, includes providing a connection in the Cherry Valley area from the Badlands to Bogart Park, providing opportunities inside and outside of the Plan Area to San Bernardino County.⁴ It is recognized that this connection traverses an urban area, however conservation of existing natural habitat and incorporation of ditches or other drainage features into reserve design will assist in providing this contiguous connection. Additional conservation goals for Subunit 2 include maintaining a wetland connection via Noble Creek, determining presence of potential linkage area for bobcat, determining presence of potential Core Area for Los Angeles pocket mouse in tributaries to San Timoteo Creek, and maintaining Core Area for San Bernardino Mountain kingsnake.⁴

8.2.1 Bell's Sage Sparrow

The sage sparrow prefers semi-open habitats with evenly spaced shrubs 1 to 2 meters high (Martin and Carlson 1998).⁹ Vertical structure, habitat patchiness, and vegetation density may be more important in habitat selection by the sage sparrow than the specific shrub species, but this sparrow is closely associated with sagebrush throughout most of its range (Wiens and Rotenberry 1981).⁹ Bell's sage sparrow is an uncommon to fairly common but localized resident breeder in dry chaparral and coastal sage scrub along the coastal lowlands, inland valleys, and in the lower

⁷ California Department of Fish and Wildlife (CDFW). (2022). California Natural Diversity Database (CNDDDB) (RareFind 5, version 5.2.14). Electronic database. Sacramento, CA. Available, <https://map.dfg.ca.gov/rarefind>. Accessed July 20, 2022.

⁸ California Native Plant Society, Rare Plant Program. 2022. Rare Plant Inventory (online edition, v9-01 1.5). Website <https://www.rareplants.cnps.org> [accessed 20 July 2022].

⁹ County of Riverside Transportation and Land Management Agency (2003d). Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Final MSHCP – Volumes 1 and 2. Approved June 17, 2003 (as amended), Section B. MSHCP Species Accounts.

foothills of local mountains.⁹ In transmontane California, it occupies sagebrush, alkali desert scrub, desert scrub, and similar habitats. In cismontane California, it frequents chaparral dominated by chamise, and coastal scrub dominated by sage.⁹ Other coastal scrub plant species associated with Bell's sage sparrow include *Artemisia*, *Purshia*, and *Atriplex* as well as mixed brush and cactus patches in arid washes (Grinnell and Miller, 1944).⁹ The preference for chamise chaparral appears to occur only in the more northern parts of its range. High overgrown chaparral stands generally have fewer sage sparrows than shorter shrubs recovering from recent fires (Martin and Carlson 1998).⁹ Bell's sage sparrow is also found in big sagebrush at higher elevations in southern mountains (Martin and Carlson 1998).⁹

The pipeline segment is located under Edgar Canyon Rd, a dirt road, which crosses through Little San Geronio Creek at the two crossover points. Habitat for Bell's sage sparrow is not present within the limits of work; however, chamise and mixed chaparral within the 500-foot survey area provide potential habitat for Bell's sage sparrow. The proposed Project would not remove surrounding vegetation. The surrounding vegetation off road will be avoided and the proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C) to reduce temporary construction impacts. No long term indirect or direct impacts to Bell's sage sparrow are expected from project completion.

8.2.2 Bobcat

Suitable habitat for the bobcat includes chaparral, coastal sage scrub, desert scrubs, grassland (annual, native, meadow, alkali playa), juniper woodland and scrub, Riversidean alluvial fan sage scrub, riparian habitats, woodlands and forests, and coniferous forests.⁹

The pipeline segment is located under Edgar Canyon Rd, a dirt road, which crosses through Little San Geronio Creek at the two crossover points. Although habitat for bobcat is present within the surrounding 500-foot survey area of the Project, habitat is not present within the limits of work. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C) to reduce temporary construction impacts to bobcat. No long term indirect or direct impacts to bobcat are expected from project completion.

8.2.3 Los Angeles pocket mouse

The Los Angeles pocket mouse appears to be limited to sparsely vegetated habitat areas in patches of fine sandy soils associated with washes or aeolian (windblown) origin, such as dunes.⁹ For the MSHCP conservation analysis, it is assumed that the Los Angeles pocket mouse primarily occurs in drainages with sandy soils associated with the following habitats: chaparral, coastal sage scrub (Riversidean sage scrub, Riversidean alluvial fan sage scrub, and Diegan coastal sage scrub), desert scrub, grassland, and vernal pools and playas.⁹ Important known occupied suitable habitat areas that are included in the MSHCP Conservation Area include the San Jacinto River between Interstate 215 and the National Forest, Bautista Creek south from the dam, portions of the Badlands (including Potrero Valley and Reche Canyon), Temecula Creek between Aguanga and Vail Lake, Tualota Creek east of Lake Skinner, Tule Valley, Wilson Creek, Vail Lake, Warm Springs Creek, Cactus Valley, San Timoteo Creek, and San Geronio Wash.⁹

The pipeline segment is located under Edgar Canyon Rd, a dirt road, which crosses through Little San Geronio Creek at the two crossover points. Habitat for Los Angeles pocket mouse is not present within the limits of work. The proposed Project shall comply with the Standard BMPs of the

MSHCP (Volume I, Appendix C) to avoid any indirect or direct impacts related to construction of the Project.

8.2.4 San Bernardino Mountain kingsnake

According to Zeiner et al. (1988), San Bernardino mountain kingsnake (SBMK) is found most commonly in the vicinity of rocks or boulders near streams or lake shores, where it may utilize rotting logs and seek cover under dense shrubs throughout its California range.⁹ Occurring in a variety of habitats including valley-foothill hardwood, and hardwood-conifer, mixed and montane chaparral, valley-foothill riparian, coniferous forests, and wet meadows (Zeiner et al. 1988).⁹ Holland and Goodman (1998) further refine its habitat associations for southern California by characterizing it as a species which is typically found in montane coniferous forests or mixed coniferous forests, occasionally in riparian woodlands at lower elevations.⁹ In other areas of California, it may occasionally occur into chaparral communities. Regardless, SBMK is primarily associated with montane coniferous forests and mixed coniferous forests and secondarily associated with riparian woodland, oak woodland, chaparral, and coastal sage scrub (McGurty 1988).⁹ Chaparral and scrub habitats are only occupied when woodland habitats are present nearby (Zweifel 1952; McGurty 1988).⁹ SBMK are often, but not exclusively, associated with rock outcrops and talus, where they use crevices and cap rocks, or rocks on soil as refugia, basking sites, hibernation sites, foraging grounds, and suitable oviposition sites (Jennings and Hayes 1994; Holland and Goodman 1998).⁹ A key habitat feature in many areas appears to be the presence of downed logs, usually of large conifers (Holland and Goodman 1998).⁹

Habitat for the San Bernardino Mountain kingsnake does not exist within the limits of work or within the 500-foot survey area. The pipeline segment is located under Edgar Canyon Rd, a dirt road, which crosses through Little San Gorgonio Creek at the two crossover points. The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C) to reduce any indirect or direct impacts related to construction of the project.

8.2.5 Species Not Adequately Conserved Conclusions

No habitat for rare, endangered, threatened, or narrow endemic species occurs within the Project site and its surrounding. No special-status plant or wildlife species were observed or detected within the Project area during the survey. Therefore, none of the special-status species have moderate or high potential to occur in the study area.

Furthermore, in its built condition, the Project will not be visible and would not obstruct, disturb, or permanently affect special-status species movement, special-status species habitat, or conflict with the long-term biological issues and considerations, conservation goals, and the planning species of Cell 241, Cell 243, and Subunit 2 – Badlands/San Bernardino National Forest.

The wildlife species observed on or near the site during the habitat assessment were common species found in urban and rural areas within San Bernardino County and Riverside County. Wildlife activity was low during the habitat assessment. Avian activity was low and California ground squirrel activity was low. Common birds observed on-site during the habitat assessment were common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), red-tailed hawk (*Buteo jamaicensis*), acorn woodpecker (*Melanerpes formicivorus*), and anna's hummingbird (*Calypte anna*). A list of all flora and fauna observed during the site visit is located in Appendix C of this report.

None of the MSHCP-designated species occurs within the limits of work along the pipeline segment. No further analysis for special-status species is required.

9.0 Guidelines pertaining to the urban/wildlands interface (Section 6.1.4)

Section 6.1.4, Guidelines Pertaining to the Urban/Wildlands Interface includes measures that are put in place to control drainage, toxics, lighting, noise, and invasives.² It discusses guidelines to address indirect effects associated with development in proximity to MSHCP Conservation Areas. The Urban/Wildland Interface is defined as a zone (less than 100 feet) between the Project site and the MSHCP Conservation Area. If a Project is located adjacent to a Conservation Area, avoidance measures must be implemented.

The Project site was located “in or adjacent to” Criteria Cell 241 and Criteria Cell 243. The site was also located within Subunit 2 – Badlands/San Bernardino National Forest. The Project would not have adverse edge effects on the targeted Additional Reserve Lands or a MSHCP Conservation Area as described in Section 3.2.2, including a bioregion, vegetation, or soils, nor is it located in or within 100 feet of a Core Area or the defined proximity to an Edge Affected Land After Completion of Reserve Assembly (MSHCP Section 3.2.2).² The Project will implement applicable BMPs listed in the following section.

DRAINAGE. Proposed developments in proximity to the MSHCP Conservation Area shall incorporate measures, including measures required through the National Pollutant Discharge Elimination System (NPDES) requirements, to ensure that the quantity and quality of runoff discharged to the MSHCP Conservation Area is not altered in an adverse way when compared with existing conditions. Measures shall be put in place to avoid discharge of untreated surface runoff from developed and paved areas into the MSHCP Conservation Area. Stormwater systems shall be designed to prevent the release of toxins, chemicals, petroleum products, exotic plant materials, or other elements that might degrade or harm biological resources or ecosystem processes within the MSHCP Conservation Area.

Authorization under the California General Construction Permit will be obtained by the contractor prior to the start of construction operations.

TOXICS. Land uses proposed in proximity to the MSHCP Conservation Area that utilize chemicals or generate bioproducts such as manure that are potentially toxic or may adversely affect wildlife species, habitat or water quality shall incorporate measures to ensure the application of such chemicals does not result in discharge to the MSHCP Conservation Area. Measures such as those employed to address drainage issues shall be implemented.

Equipment storage: equipment maintenance; and dispensing of fuel, oil, coolant, or any other toxic substance will be sited within designated staging areas. These designated areas will be clearly marked and located in such a manner as to capture runoff.

LIGHTING. Night lighting shall be directed away from the MSHCP Conservation Area to protect species within the MSHCP Conservation Area from direct night lighting. Shielding shall be incorporated in project designs to ensure ambient lighting in the MSHCP Conservation Area is not increased.

The proposed project design does not include installation of new lighting. Construction activities will be performed during daylight hours so night lighting will not be used.

NOISE. Proposed noise-generating land uses affecting the MSHCP Conservation Area shall incorporate setbacks, berms, or walls to minimize the effects of noise on MSHCP Conservation Area resources pursuant to applicable rules, regulations, and guidelines related to land use noise standards. For planning purposes, wildlife within the MSHCP Conservation Area should not be subject to noise that would exceed residential noise standards.

INVASIVES. When approving landscape plans for development that is proposed adjacent to the MSHCP Conservation Area, Permittees shall consider the invasive, non-native plant species (MSHCP Table 6-2) and shall require revisions to landscape plans (subject to the limitations of their jurisdiction) to avoid the use of invasive species for the portions of development that are adjacent to the MSHCP Conservation Area. Considerations in reviewing the applicability of this list shall include proximity of planting areas to the MSHCP Conservation Areas, species considered in the planting plans, resources being protected within the MSHCP Conservation Area and their relative sensitivity to invasion, and barriers, to plant and seed dispersal, such as walls, topography, and other features.

The proposed project does not include landscaping.

BARRIERS. Proposed land uses adjacent to the MSHCP Conservation Area shall incorporate barriers, where appropriate, in individual project designs to minimize unauthorized public access, domestic animal predation, illegal trespass, or dumping in the MSHCP Conservation Area. Such barriers may include native landscaping, rocks/boulders, fencing, walls, signage and/or other appropriate mechanisms.

The proposed project will not increase unauthorized public access, domestic animal predation, illegal trespass or dumping in the MSHCP Conservation Areas above existing conditions. Permanent barriers are not included as part of the proposed project.

GRADING/LAND DEVELOPMENT. Manufactured slopes associated with proposed site development shall not extend into the MSHCP Conservation Area.

No slopes will be created or re-graded as part of the proposed project.

10.0 Best Management Practices (Volume I, Appendix C)

The proposed Project shall comply with the Standard BMPs of the MSHCP (Volume I, Appendix C), as follows:

1. A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.
2. Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.
3. The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.

4. The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.
5. Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.
6. Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.
7. When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing of other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.
8. Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.
9. Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.
10. The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.
11. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.
12. Exotic species that prey upon or displace target species of concern should be permanently removed from the site the extent feasible.
13. To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).
14. Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.

15. The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs.

11.0 References

- California Department of Fish and Wildlife (CDFW). (2022). California Natural Diversity Database (CNDDDB) (RareFind 5, version 5.2.14). Electronic database. Sacramento, CA. Available, <https://map.dfg.ca.gov/rarefind>. Accessed July 20, 2022.
- California Native Plant Society, Rare Plant Program. 2022. Rare Plant Inventory (online edition, v9-01 1.5). Website <https://www.rareplants.cnps.org> [accessed 20 July 2022].
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12.0 Supporting Appendices

APPENDIX A – SITE PHOTOGRAPHS

Alignment Start - SE View



Alignment in Dirt Road - SE View



Project Starting Area - SE View



Little San Gorgonio Creek - NW View



Pipeline to be Abandoned - SW View



Pipeline to be Abandoned - SW View



Alignment South Area - NW View



Alignment South Area - NW View



Alignment Marker - SW View



APPENDIX B – LITERATURE REVIEW



Selected Elements by Common Name
California Department of Fish and Wildlife
California Natural Diversity Database



Query Criteria: Quad IS (Forest Falls (3411618) OR Beaumont (3311688))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
American badger <i>Taxidea taxus</i>	AMAJF04010	None	None	G5	S3	SSC
black swift <i>Cypseloides niger</i>	ABNUA01010	None	None	G4	S2	SSC
chaparral sand-verbena <i>Abronia villosa var. aurita</i>	PDNYC010P1	None	None	G5T2?	S2	1B.1
Coachella Valley milk-vetch <i>Astragalus lentiginosus var. coachellae</i>	PDFAB0FB97	Endangered	None	G5T1	S1	1B.2
coast horned lizard <i>Phrynosoma blainvillii</i>	ARACF12100	None	None	G3G4	S3S4	SSC
coastal whiptail <i>Aspidoscelis tigris stejnegeri</i>	ARACJ02143	None	None	G5T5	S3	SSC
Crotch bumble bee <i>Bombus crotchii</i>	IIHYM24480	None	None	G2	S1S2	
Dulzura pocket mouse <i>Chaetodipus californicus femoralis</i>	AMAFD05021	None	None	G5T3	S3	SSC
Hall's monardella <i>Monardella macrantha ssp. hallii</i>	PDLAM180E1	None	None	G5T3	S3	1B.3
haromonius halictid bee <i>Halictus harmonius</i>	IIHYM75010	None	None	G1	S3	
Horn's milk-vetch <i>Astragalus hornii var. hornii</i>	PDFAB0F421	None	None	GUT1	S1	1B.1
Jaeger's milk-vetch <i>Astragalus pachypus var. jaegeri</i>	PDFAB0F6G1	None	None	G4T1	S1	1B.1
least Bell's vireo <i>Vireo bellii pusillus</i>	ABPBW01114	Endangered	Endangered	G5T2	S2	
lemon lily <i>Lilium parryi</i>	PMLIL1A0J0	None	None	G3	S3	1B.2
lodgpole chipmunk <i>Neotamias speciosus speciosus</i>	AMAFB02172	None	None	G4T3T4	S2S3	
loggerhead shrike <i>Lanius ludovicianus</i>	ABPBR01030	None	None	G4	S4	SSC
Los Angeles pocket mouse <i>Perognathus longimembris brevinasus</i>	AMAFD01041	None	None	G5T2	S1S2	SSC
mesa horkelia <i>Horkelia cuneata var. puberula</i>	PDR0S0W045	None	None	G4T1	S1	1B.1
Mojave tarplant <i>Deinandra mohavensis</i>	PDAST4R0K0	None	Endangered	G2	S3	1B.3
narrow-leaf sandpaper-plant <i>Petalonyx linearis</i>	PDLOA04010	None	None	G4	S3?	2B.3



Selected Elements by Common Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
northwestern San Diego pocket mouse <i>Chaetodipus fallax fallax</i>	AMAFD05031	None	None	G5T3T4	S3S4	SSC
orange-throated whiptail <i>Aspidoscelis hyperythra</i>	ARACJ02060	None	None	G5	S2S3	WL
pallid bat <i>Antrozous pallidus</i>	AMACC10010	None	None	G4	S3	SSC
Palmer's mariposa-lily <i>Calochortus palmeri var. palmeri</i>	PMLIL0D122	None	None	G3T2	S2	1B.2
Parish's alumroot <i>Heuchera parishii</i>	PDSAX0E1F0	None	None	G3	S3	1B.3
Parish's checkerbloom <i>Sidalcea hickmanii ssp. parishii</i>	PDMAL110A3	None	Rare	G3T1	S1	1B.2
Parry's spineflower <i>Chorizanthe parryi var. parryi</i>	PDPGN040J2	None	None	G3T2	S2	1B.1
Payson's jewelflower <i>Caulanthus simulans</i>	PDBRA0M0H0	None	None	G4	S4	4.2
Plummer's mariposa-lily <i>Calochortus plummerae</i>	PMLIL0D150	None	None	G4	S4	4.2
purple martin <i>Progne subis</i>	ABPAU01010	None	None	G5	S3	SSC
Riversidian Alluvial Fan Sage Scrub <i>Riversidian Alluvial Fan Sage Scrub</i>	CTT32720CA	None	None	G1	S1.1	
rock sandwort <i>Arenaria lanuginosa var. saxosa</i>	PDCAR040E4	None	None	G5T5	S2	2B.3
rock-loving oxytrope <i>Oxytropis oreophila var. oreophila</i>	PDFAB2X0H3	None	None	G5T4T5	S2	2B.3
salt spring checkerbloom <i>Sidalcea neomexicana</i>	PDMAL110J0	None	None	G4	S2	2B.2
San Bernardino flying squirrel <i>Glaucomys oregonensis californicus</i>	AMAFB09021	None	None	G5T1T2	S1S2	SSC
San Bernardino gilia <i>Gilia leptantha ssp. leptantha</i>	PDPLM040W1	None	None	G4T2	S2	1B.3
San Bernardino grass-of-Parnassus <i>Parnassia cirrata var. cirrata</i>	PDSAX0P030	None	None	G5T2	S2	1B.3
San Bernardino Mountains owl's-clover <i>Castilleja lasiorhyncha</i>	PDSCR0D410	None	None	G2?	S2?	1B.2
San Diego desert woodrat <i>Neotoma lepida intermedia</i>	AMAFF08041	None	None	G5T3T4	S3S4	SSC
Santa Ana River woollystar <i>Eriastrum densifolium ssp. sanctorum</i>	PDPLM03035	Endangered	Endangered	G4T1	S1	1B.1
scalloped moonwort <i>Botrychium crenulatum</i>	PPOPH010L0	None	None	G4	S3	2B.2



Selected Elements by Common Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
smooth tarplant <i>Centromadia pungens ssp. laevis</i>	PDAST4R0R4	None	None	G3G4T2	S2	1B.1
Southern California legless lizard <i>Anniella stebbinsi</i>	ARACC01060	None	None	G3	S3	SSC
southern California rufous-crowned sparrow <i>Aimophila ruficeps canescens</i>	ABPBX91091	None	None	G5T3	S3	WL
Southern Cottonwood Willow Riparian Forest <i>Southern Cottonwood Willow Riparian Forest</i>	CTT61330CA	None	None	G3	S3.2	
southern jewelflower <i>Streptanthus campestris</i>	PDBRA2G0B0	None	None	G3	S3	1B.3
southern mountain yellow-legged frog <i>Rana muscosa</i>	AAABH01330	Endangered	Endangered	G1	S1	WL
southern rubber boa <i>Charina umbratica</i>	ARADA01011	None	Threatened	G2G3	S2S3	
Southern Sycamore Alder Riparian Woodland <i>Southern Sycamore Alder Riparian Woodland</i>	CTT62400CA	None	None	G4	S4	
spiny-hair blazing star <i>Mentzelia tricuspidis</i>	PDLOA031T0	None	None	G4	S2	2B.1
Stephens' kangaroo rat <i>Dipodomys stephensi</i>	AMAFD03100	Threatened	Threatened	G2	S2	
western spadefoot <i>Spea hammondi</i>	AAABF02020	None	None	G2G3	S3	SSC
western yellow bat <i>Lasiurus xanthinus</i>	AMACC05070	None	None	G4G5	S3	SSC
yellow warbler <i>Setophaga petechia</i>	ABPBX03010	None	None	G5	S3S4	SSC
Yucaipa onion <i>Allium marvinii</i>	PMLIL02330	None	None	G1	S1	1B.2

Record Count: 55



CNPS Rare Plant Inventory



Search Results

15 matches found. Click on scientific name for details

Search Criteria: CRPR is one of [1B:2B] Fed List is one of [FE:FT] or State List is one of [CE:CT] , Quad is one of [3311688:3411618:3411711:3411617:3311781:3311687:3311771:3311678:3311677:3411721:3411628:3411627]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	PHOTO
<i>Astragalus lentiginosus</i> var. <i>coachellae</i>	Coachella Valley milk-vetch	Fabaceae	annual/perennial herb	Feb-May	FE	None	G5T1	S1	1B.2	No Photo Available
<i>Atriplex coronata</i> var. <i>notatior</i>	San Jacinto Valley crownscale	Chenopodiaceae	annual herb	Apr-Aug	FE	None	G4T1	S1	1B.1	 © 2008 Larry Sward
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	Themidaceae	perennial bulbiferous herb	Mar-Jun	FT	CE	G2	S2	1B.1	 © 2016 Keir Morse
<i>Castilleja cinerea</i>	ash-gray paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	Jun-Aug	FT	None	G1G2	S1S2	1B.2	No Photo Available
<i>Deinandra mohavensis</i>	Mojave tarplant	Asteraceae	annual herb	(Jan-May)Jun-Oct	None	CE	G2	S3	1B.3	No Photo Available
<i>Dodecahema leptoceras</i>	slender-horned spineflower	Polygonaceae	annual herb	Apr-Jun	FE	CE	G1	S1	1B.1	No Photo Available
<i>Eremogone ursina</i>	Big Bear Valley sandwort	Caryophyllaceae	perennial herb	May-Aug	FT	None	G1	S1	1B.2	No Photo Available
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woollystar	Polemoniaceae	perennial herb	Apr-Sep	FE	CE	G4T1	S1	1B.1	No Photo Available
<i>Eriogonum kennedyi</i> var. <i>austromontanum</i>	southern mountain buckwheat	Polygonaceae	perennial herb	Jun-Sep	FT	None	G4T2	S2	1B.2	No Photo Available
<i>Navarretia fossalis</i>	spreading navarretia	Polemoniaceae	annual herb	Apr-Jun	FT	None	G2	S2	1B.1	No Photo Available
<i>Physaria kingii</i> ssp. <i>bernardina</i>	San Bernardino Mountains bladderpod	Brassicaceae	perennial herb	May-Jun	FE	None	G5T1	S1	1B.1	No Photo Available
<i>Poa atropurpurea</i>	San Bernardino blue grass	Poaceae	perennial rhizomatous herb	(Apr)May-Jul(Aug)	FE	None	G2	S2	1B.2	No Photo Available

	bird grass											Available
<u><i>Sidalcea pedata</i></u>	bird-foot checkerbloom	Malvaceae	perennial herb	May-Aug	FE	CE	G1	S1	1B.1			No Photo Available
<u><i>Taraxacum californicum</i></u>	California dandelion	Asteraceae	perennial herb	May-Aug	FE	None	G1G2	S1S2	1B.1			No Photo Available
<u><i>Thelypodium stenopetalum</i></u>	slender-petaled thelypodium	Brassicaceae	perennial herb	May-Sep	FE	CE	G1	S1	1B.1			No Photo Available

Showing 1 to 15 of 15 entries

Suggested Citation:

California Native Plant Society, Rare Plant Program. 2022. Rare Plant Inventory (online edition, v9-01 1.5). Website <https://www.rareplants.cnps.org> [accessed 12 September 2022].

APPENDIX C - PLANTS AND WILDLIFE SPECIES OBSERVED

Scientific Name	Common Name
Magnoliophyta	Plants
Chenopodiaceae	Saltbush Family
<i>Salsola tragus (non-native species)</i>	Russian thistle
Brassicaceae	Mustard Family
<i>Brassica nigra (non-native species)</i>	Black mustard
Solanaceae	Potato or Deadly Nightshade Family
<i>Datura wrightii</i>	Sacred datura
Fagaceae	Beech Family
<i>Quercus agrifolia</i>	Coast Live Oak
Salicaceae	Willow Family
<i>Populus fremontii</i>	Fremont Cottonwood
Ericaceae	Heather Family
<i>Arctostaphylos</i>	Manzanita
Adoxaceae	Moschatel Family
<i>Sambucus nigra</i>	Blue Elderberry
Lamiaceae	Sage Family
<i>Salvia apiana</i>	White Sage
Asteraceae	Aster Family
<i>Baccharis salicifolia</i>	Mule Fat
Polygonaceae	Buckwheat Family
<i>Eriogonum fasciculatum</i>	California Buckwheat
Anacardiaceae	Sumac Family
<i>Malosma</i>	Laurel Sumac
<i>Toxicodendron diversilobum</i>	Pacific Poison Oak
Rosaceae	Rose Family
<i>Cercocarpus</i>	Mountain Mahogany
<i>Adenostoma fasciculatum</i>	Chamise
Asteraceae	Daisy Family
<i>Lepidospartum squamatum</i>	California broomsage
<i>Artemisia vulgaris</i>	Mugwort
<i>Ambrosia artemisiifolia (non-native species)</i>	Ragweed
<i>Ambrosia acanthicarpa (non-native species)</i>	Flatspine Bursage
Boraginaceae	Forget-me-not family
<i>Phacelia cicutaria</i>	Catepillar scorpionweed
Papaveraceae	Poppy Family
<i>Ehrendorferia chrysantha</i>	Golden eardrops
Poaceae	Grass Family
<i>Avena fatua</i>	Wild Oats
Aves	Birds
Corvidae	Crows and Ravens
<i>Corvus corax</i>	Common Raven
Accipitridae	Hawks, Kites Eagles, and Allies

<i>Buteo jamaicensis</i>	Red-tailed Hawk
Mimidae	Mockingbirds and Thrashers
<i>Mimus polyglottos</i>	Northern Mockingbird
Picidae	Woodpeckers, Piculets, and Wrynecks
<i>Melanerpes formicivorus</i>	Acorn Woodpecker
Trochilidae	Hummingbirds
<i>Calypte anna</i>	Anna's Hummingbird
Mammalia	Mammals
Sciuridae	Squirrels
<i>Spermophilus beecheyi</i> (burrows)	California ground squirrel

APPENDIX D - Section 6.1.2. ASSESSMENT CONDITIONS

Date	Field Personnel	Survey Time	Temperature	Humidity	% Cloud Cover	Wind Speed	Annual Precipitation
7/21/2022	Carmen Gardner	11:00 AM - 3:00 PM	90 degrees Fahrenheit	30%	3%	6 mph	0" in the last 24 hours

Appendix E
Phase I Cultural Resources Study for the “B” Line Project

A PHASE I CULTURAL RESOURCES INVENTORY
BEAUMONT-CHERRY VALLEY WATER DISTRICT
NEW WATER LINE PROJECT
YUCAIPA THROUGH CHERRY VALLEY, SAN BERNARDINO AND
RIVERSIDE COUNTIES, CALIFORNIA

by: Matthew L. Hyland, M.S. & Jay K. Sander, M.A.
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for: Beaumont-Cherry Valley Water District
560 Magnolia Ave.
Beaumont, California 92223

April 26, 2023

Keywords: USGS 7.5' *Beaumont* Quadrangle and *Forest Falls* Quadrangle, Riverside County

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MANAGEMENT SUMMARY

Geovironment Consulting (Geovironment) performed a Phase Ia cultural resources study in support of the proposed construction of a new water pipeline (Line B) project. The approximately 1.5-mile project starts in the Northern portion of Edger Canyon at a water tank, in the unincorporated area of Oak Glen (Figures 1 and 2); the pipeline then continues Southeast down the canyon along a dirt road, parallel to Little San Gorgonio Creek. The project area is between Oak Glen Preserve and the City of Cherry Valley, the pipeline crosses over the San Bernardino County and Riverside County lines, California. It is bounded by the intersection of Oak Glen Road to the West and Edger Canyon Road to the East. The property is gated by the Beaumont-Cherry Valley Water District (BCVWD). The project area lies within the U.S. Geological Survey (USGS) 7.5-minute *Beaumont, California* topographic quadrangle and U.S. Geological Survey (USGS) 7.5-minute *Forest Falls, California* topographic quadrangles.

Results of the review of the survey reports and site records provided by the Eastern Information Center (EIC) and the South Central Coastal Information Center (SCCIC) indicate that two previous cultural resource inventories or other archaeological investigations have been conducted within a one-quarter-mile radius of the project area. Of these reports, none included the current project area (Table 1). The records search also revealed that there is one previously recorded cultural resource within a quarter-mile-radius of the project area. The previously recorded resource is approximately 0.03 mile from the project area. There are no cultural resources within or adjacent to the project area. Therefore, no eligible or listed cultural resources will be impacted as a result of the proposed project.

INTRODUCTION

This report provides the results of the cultural resources inventory for construction of a new water pipeline (Line B) project. The project is located in the unincorporated area of Oak Glen, proposed pipeline is approximately 1.5 miles long. State law, as set forth in the California Environmental Quality Act (CEQA) §21083.2(a) and §15064.5, requires that a cultural resources evaluation of the project area be completed before construction work can proceed.

In compliance with CEQA, Geovironment Consulting (Geovironment) was retained to perform a records/literature review of cultural resources known to exist on or near the project area, as well as a desktop study to identify any previously unrecorded cultural resources that may exist there. The cultural resources inventory presented herein consists of the results of the cultural resources record search/literature review and the results of the desktop study of the project area.

LOCATION AND ENVIRONMENTAL SETTING

The project area south of Oak Glen Preserve and southeast of the Wildwood Canyon State Park. It is bounded by the city of Yucaipa to the east and, the San Geronio Mountains to the northeast and Cherry Valley to the south. The project will run north to south following a dirt road until it reaches Edgar Canyon Road. To the west of the proposed water pipeline there is an Intermittent stream which runs parallel to the dirt road. Vegetation in the area is comprised of Costal Oak, Riversidean Alluvial Scrub, Chamise, and Coastal Sage Scrub. Soils in the project area are alluvial fine sandy loams derived from granitic parent material.

CULTURAL BACKGROUND

Prehistory

It is generally believed that human occupation of southern California dates back to at least 10,000 years before present (BP). Four cultural periods of prehistoric occupation of California during the Holocene Epoch (10,000 years BP to present) are discussed below: the Early Holocene Period, the Early Horizon Period, the Middle Horizon Period, and the Late Horizon Period. During the Early Holocene Period (10,000 to 8,000 years BP), hunters/gatherers utilized lucustrine and marshland settings for the varied and abundant resources found there. Milling-related artifacts are lacking from archaeological sites dating to this period, but the atlatl and dart are common. Hunting of large and small game occurred, as well as fishing. A few scattered permanent settlements were established near large water sources, but a nomadic lifestyle was more common (Erlandson 1994; Moratto 1984).

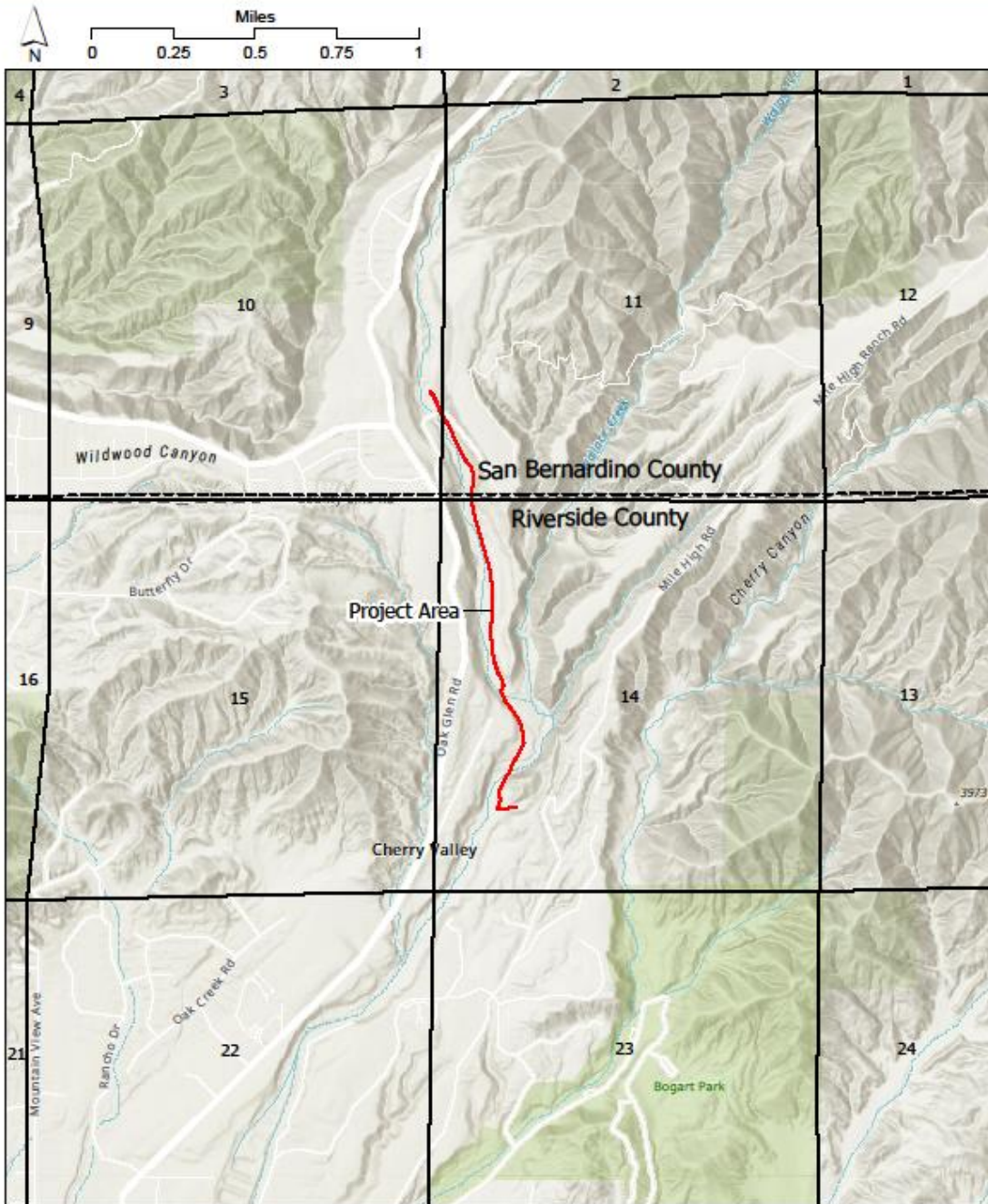


Figure 1 Overview
Pipeline Alinement 1:24,000



Figure 2 Project Area Location

Milling-related artifacts first appear in archaeological sites dating to the Early Horizon Period (8,000 to 4,000 years BP). Hunting and gathering continued during this period, but with greater reliance on vegetal foods. Mussels and oysters were a staple among coastal groups. This gave way to greater consumption of shellfish in the Middle Horizon Period (4,000 to 2,000 years BP). Use of bone artifacts appears to have increased during this period and baked-earth steaming ovens were developed. Occupation of permanent or semi-permanent villages occurred in this period, as did reoccupation of seasonal sites. During the Late Horizon Period (2,000 years BP to the time of European Contact (around A.D. 1769), population densities were high and settlement in permanent villages increased. Regional subcultures also developed, each with its own geographical territory and language or dialect. These groups, bound by shared cultural traits, maintained a high degree of interaction, including trading extensively with one another (Erlandson 1994; Moratto 1984).

Ethnohistory

The project area is located in an area where the traditional territories of two Native American groups, the Luiseño and the Cahuilla, overlapped. Together, the homelands of these two Takic-speaking peoples extend from the Coachella Valley in the northeast to present-day Oceanside in the southwest, encompassing most of the western and central portions of what is now Riverside County. both groups are discussed below.

Luiseño. The term Luiseño was given by the Spanish to the native groups who were living in the area under influence of Mission San Luis Rey (Bean and Shipek 1978). The Luiseño lived in sedentary and autonomous village groups, each with specific subsistence territories encompassing hunting, collecting, and fishing areas. Villages were typically located in valley bottoms, along streams, or along coastal strands near mountain ranges where water was available and village defense was possible. Inland populations had access to fishing and gathering sites on the coast, which they used during the winter months (Bean and Shipek 1978).

Luiseño subsistence was centered around the gathering of acorns, seeds, greens, bulbs, roots, berries, and other vegetal foods. This was supplemented with hunting mammals such as deer, antelope, rabbit, woodrat, ground squirrels, and mice, as well as quail, doves, ducks, and other birds. Bands along the coast also exploited marine resources, such as sea mammals, fish, crustaceans, and mollusks. Inland, trout and other fish were taken from mountain streams (Bean and Shipek 1978).

Hunting was done both individually and by organized groups. Tool technology for food acquisition, storage, and preparation reflects the size and quantity of items procured. Small game was hunted with the use of curved throwing sticks, nets, slings, or traps. Bows and arrows were used for hunting larger game. Dugout canoes, basketry fish traps, and shell hooks were used for near-shore ocean fishing. Coiled and twined baskets were made for food gathering, preparation, storing, and serving. Other items used for food

processing included large shallow trays for winnowing chaff from grain, ceramic and basketry storage containers, manos and metates for grinding seeds, and ceramic jars for cooking (Bean and Shipek 1978).

Villages had hereditary chiefs who controlled religious, economic, and territorial activities (Bean and Shipek 1978; Boscana 1933). An advisory council of ritual specialists and shamans was consulted for environmental and other knowledge. Large villages located along the coast or in inland valleys may have had more complex social and political structures than settlements controlling smaller territories (Bean and Shipek 1978; Strong 1929).

Most Luiseño villages contained a ceremonial structure enclosed by circular fencing located near the center of the village. Houses were semisubterranean and thatched with locally available brush, bark, or reeds. Earth-covered semisubterranean sweathouses were also common and were used for purification and curing rituals (Bean and Shipek 1978).

The Luiseño first came into contact with Europeans in 1769 when the expedition led by Gaspar de Portolá arrived in their territory. That same year, the San Diego Mission was established just to the south, followed by the San Juan Capistrano Mission in 1776 and the San Luis Rey Mission in 1798. Poor living conditions at the missions and introduced European diseases led to a rapid decline of the Luiseño population. Following the Mission Period (1769-1834), Luiseño Indians scattered throughout southern California. Some became serfs on the Mexican ranchos, others moved to newly founded pueblos established for them, some sought refuge among inland groups, and a few managed to acquire land grants. Later, many moved to or were forced onto reservations. Although many of their cultural traditions had been suppressed during the Mission Period, the Luiseño were successful at retaining their language and certain rituals and ceremonies. Starting in the 1970s, there was a revival of interest in the Luiseño language and classes were organized. Since then, traditional games, songs, and dances have been performed, traditional foods have been gathered and prepared, and traditional medicines and curing procedures have been practiced (Bean and Shipek 1978).

Cahuilla. Cahuilla territory was bounded on the north by the San Bernardino Mountains, on the east by the Orocochia Mountains, on the west by the Santa Ana River, the San Jacinto Plain and the eastern slope of the Palomar Mountains, and on the south by Borrego Springs and the Chocolate Mountains (Bean 1978).

The diversity of the territory provided the Cahuilla with a variety of foods. It has been estimated that the Cahuilla exploited more than 500 native and non-native plants (Bean and Saubel 1972). Acorns, mesquite, screw beans, piñon nuts, and various types of cacti were used. A variety of seeds, wild fruits and berries,

tubers, roots, and greens were also a part of the Cahuilla diet. A marginal agricultural existence provided corn, beans, squashes, and melons. Rabbits and small animals were also hunted to supplement the diet. During high stands of Ancient Lake Cahuilla, fish, migratory birds, and marshland vegetation were also taken for sustenance and utilitarian purposes (Bean 1978).

Structures within permanent villages ranged from small brush shelters to dome-shaped or rectangular dwellings. Villages were situated near water sources, in the canyons near springs, or on alluvial fans at man-made walk-in wells (Bean 1972). Mortuary practices entailed cremation of the dead. Upon a person's death, the body was bound or put inside a net and then taken to a place where the body would be cremated. Secondary interments also occurred. A mourning ceremony took place about a year after a person's death. During this ceremony, an image of the deceased was burned along with other goods (Lando and Modesto 1977; Strong 1929).

Precontact Cahuilla population has been estimated as low as 2,500 to as high as 10,000. At the time of first contact with Europeans, around 1774, the Cahuilla numbered approximately 6,000. Although they were the first to come into contact with the Cahuilla, the Spanish had little to do with those of the desert region. Some of the Cahuilla who lived in the plains and valleys west of the desert and mountains, however, were missionized through the assistance located near present day San Bernardino. Cahuilla political, economic, and religious autonomy was maintained until 1877 when the United States government established Indian reservations in the region. Protestant missionaries came into the area to convert and civilize the Native American population. During this era, traditional cultural practices, such as cremation of the dead, were prohibited. Today, the Cahuilla reside on eight separate reservations in southern California, located from Banning in the north to Warner Springs in the south and from Hemet in the west to Thermal in the east (Bean 1978).

History

The first significant European settlement of California began during the Spanish Period (1769 to 1821) when 21 missions and 4 presidios were established between San Diego and Sonoma. Although located primarily along the coast, the missions dominated economic and political life over the majority of the California region during this period. The purpose of the missions was primarily Indian control, along with economic support to the presidios, forced assimilation of the Indians to Hispanic society, and conversion of the native population to Spanish Catholicism (Castillo 1978; Cleland 1941).

The Mexican Period (1821 to 1848) began with the success of the Mexican Revolution in 1821, but changes to the mission system were slow to follow. When secularization of the missions occurred in the 1830s, the vast land holdings of the missions in California were divided into large land grants called ranchos. The Mexican government granted ranchos throughout California to Spanish and Hispanic soldiers and settlers (Castillo 1978).

In 1848, the Treaty of Guadalupe Hidalgo ended the Mexican-American War and marked the beginning of the American Period (1848 to present). The discovery of gold the same year initiated the 1849 California Gold Rush, bringing thousands of miners and settlers to California, most of who settled in the north. For those settlers who chose to come to southern California, much of their economic prosperity was fueled by cattle ranching rather than by gold. This prosperity, however, came to a halt in the 1860s as a result of severe floods and droughts, which put many ranchos into bankruptcy (Castillo 1978; Cleland 1941).

The present city of San Jacinto is one mile north of the original settlement. It was created by the San Jacinto Land Association after purchasing 18,000 acres from the family that owned the original (San Jacinto) Rancho. The Post Office was moved from the original settlement in 1885 and by 1888 the town had almost 2,000 inhabitants who welcomed the newly completed San Jacinto Branch railroad from Perris (Gunther 1984). Today San Jacinto remains mainly rural in character with agriculture being the primary economic force. Tourism also contributes to the local economy due to the presence of natural hot springs and the Soboba Indian Casino.

METHODOLOGY

Background Record Search Methods

A record search/literature review was conducted on June 13, 2022 at the Easter Information Center, located at the University of California, Riverside and the South Central Coastal Information Center. The purpose of this review was to access any existing cultural resources survey reports, archaeological site records, and historic maps to evaluate whether previously documented prehistoric or historic archaeological sites, architectural resources, cultural landscapes, or ethnic resources exist within or near the project area. The record search/literature review was also conducted to evaluate whether any historic properties listed on or determined eligible for listing on the National Register of Historic Places (NRHP) or California Register of Historical Resources (CRHR) exist within the project area.

Desktop Study Methods

While a rigorous research design is not a critical component to a Phase I archaeological survey, a basic understanding of the history of a property can provide insight into the types of historic or archaeological remains that may exist. Geovironment used the results of the record search to develop a rudimentary research design to guide the survey. In addition, experience with conducting similar phase I surveys in the area, Geovironment archaeologist, Jay Sander, conducted a desktop study of the project area on September 24, 2022.

Native American Coordination Methods

Matthew Hyland sent a letter to the Native American Heritage Commission (NAHC) on June 9, 2022, notifying them of the proposed project activities. The NAHC was also asked to conduct a search of the Sacred Lands File and to make a recommendation as to whether any local Native American groups should be contacted regarding their concerns about potential impacts to cultural resources resulting from implementation of the proposed project (Appendix A). The NAHC responded on July 20, 2022, and stated that the resulting project had a Negative result on Sacred Lands File. No further action is needed involving the NAHC for this project

Archaeological Field Survey Methods

On July 21, 2022, Archaeologist, Matthew Hyland, conducted an intensive pedestrian survey of the approximately 1.5-mile project area that is slated for construction. The surveyor walked parallel 10-meter transects off the center line of the dirt road where the pipeline is proposed to be constructed. Transects were parallel south to north to the center line of the dirt road where applicable in order to ensure overlapping fields of view. Slopes greater than were not surveyed. Notes and photos were taken on the environmental setting and disturbances.

RESULTS

Records Search Results

Results of the review of the survey reports and site records provided by the Eastern Information Center and the South Central Coastal Information Center indicate that a total of two previous cultural resource inventories or other archaeological investigations have been conducted within a quarter-mile-radius of the project area. Of these reports, none included the current project area (Table 1). The records search also revealed that there is one previously recorded cultural resource within a quarter mile radius of the project area. This site, 3-001550, is described as two boulders with bedrock mortars/slicks. There are no previously recorded cultural resources within or immediately adjacent to the project area. Therefore, no eligible or listed cultural resources will be impacted as a result of the proposed project.

Table 1. Previous Investigations within Quarter Mile of the Project Area.

Report No.	Author	Date	Cultural Resources Found
RI-02860	Swanson, Mark T.	1990	No
RI-10499	David Brunzell	2018	No

Table 2. Previous Recorded Cultural Resource within Quarter Mile of the Project Area.

Resource No.	Description	Approximate Distance from Current Project Area (Miles)
P-33-001550	Bedrock-milling feature	0.03

Native American Coordination Results

The search of the Sacred Lands File of the NAHC did not indicate the presence of Native American cultural resources in the vicinity of the project location. The NAHC responded on July 20th, 2022, indicating a negative result. Please see Appendix A for full correspondence.

Archaeological Field Survey Results

One historic-period archaeological site was found adjacent to the project area alignment. The site consists of four weathered cans—one can that was identified as a pull top aluminum top with a steel bod. The other three cans were sanitary cans. The proposed project is unlikely to disturb this resource (if DPR form, get a number for here). No other cultural resources were found in or adjacent to the project area.

CONCLUSIONS AND RECOMMENDATIONS

Results of the review of the survey reports and site records provided by the Eastern Information Center and the South Central Coastal Information Center indicate that a total of two previous cultural resource inventories or other archaeological investigations have been conducted within a one-quarter-mile-radius of the project area. Of these reports, two (Swanson 1990, and Brunzell 2018) did not include portions of the current project area (Table 1), but the reports give context to the history of the area. The records search also revealed that there is one previously recorded cultural resource (33-001550) located 0.03 mile east of the project area. There are no previously recorded cultural resources within or adjacent to the project area; therefore, no eligible or listed cultural resources will be impacted as a result of the proposed project. This would not constitute a significant impact to any historical resources under CEQA; therefore, no further cultural resources work is recommended.

In the event that any subsurface archaeological deposits are unearthed during ground-disturbing construction activities, all work must be suspended in the vicinity of the find until the deposit(s) are recorded and evaluated by a qualified archaeologist. If human remains of any kind are found, all activities must cease immediately and the San Bernardino County Coroner, and a qualified archaeologist must be notified. If the coroner determines the remains to be of Native American origin, he or she will notify the Native American Heritage Commission (NAHC). The NAHC will then identify the most likely descendants to be consulted regarding treatment and/or repatriation of the remains.

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Tang, Bai Tom, Michael Hogan, Terri Jacquemain, and Daniel Ballester

2012 *San Jacinto Master Drainage Plan Line C, Stage 2, C-4, C-5, and Line B. In the Cities of San Jacinto and Hemet, Riverside County, California*. CRM TECH, Colton. Unpublished manuscript (RI-8735) on file at the Eastern Information Center, University of California, Riverside.

Sacred Lands File & Native American Contacts List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: BCVWD Line B Water Pipeline

County: Riverside and San Bernardino

USGS Quadrangle Name: Beaumont Quad and Forest Falls Quad

Township: 02S **Range:** 01W **Section(s):** 10, 11, 15, 14

Company/Firm/Agency: Geovironment Consulting & Beaumont-Cherry Valley Water District

Street Address: 630 W. 7th St.

City: San Jacinto **Zip:** 92583

Phone: o: 951.292.5129; c: 909.557.8710

Fax: N/A

Email: mhvland@geovironment.com

Project Description:

The proposed project would consist of the replacement of approximately 3,000 feet of 10-inch riveted steel water pipeline. The pipeline would be replaced with a 12-inch high density polyethylene pipe (HDPE) or ductile iron pipe (DIP). The existing pipeline would be abandoned in place and the new pipeline would be constructed within the existing road right of way.



NATIVE AMERICAN HERITAGE COMMISSION

July 20, 2022

Matthew Hyland
Geovironment ConsultingVia Email to: mhyland@geovironment.comCHAIRPERSON
Laura Miranda
LuiseñoVICE CHAIRPERSON
Reginald Fogaling
ChumashPARLIAMENTARIAN
Russell Altebery
KarukSECRETARY
Sara Dutschke
MiwokCOMMISSIONER
William Mungary
Paiute/White Mountain
ApacheCOMMISSIONER
Isaac Bojorquez
Ohlone-CostanoanCOMMISSIONER
Buffy McQuillen
Yakaya Pomo, Yuki,
NomlakiCOMMISSIONER
Wayne Nelson
LuiseñoCOMMISSIONER
Stanley Rodriguez
KumeyaayEXECUTIVE SECRETARY
**Raymond C.
Hilchcock**
Miwok/NisenanNAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov**Re: BCVWD Line B Water Pipeline Project, Riverside and San Bernardino Counties**

Dear Mr. Hyland:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green
Cultural Resources Analyst

Attachment

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION PRIMARY RECORD		Primary # HRI # Trinomial NRHP Status Code
Other Listings Review Code	Reviewer	Date

Page 1 of 3

*Resource Name or #: Geo - 1

P1. Other Identifier:

*P2. Location: Not for Publication Unrestricted *a. County: Riverside
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Forest Falls Date: 2021 T 02S; R 01W; SW¼ of SW¼ of Sec 11; M.D. B.M.

c. Address: Edgar Canyon City: Unincorporated Riverside Zip:

d. UTM: Zone: 11 ; 503508 mE/ 3762813 mN (G.P.S.)

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate) Elevation: Site is located approximately 160 ft east of Little San Geronimo Creek and 255 ft. west of Edgar Canyon Rd. A unnamed dirt road that runs north to south is approximately 30 ft east of the site.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The site is historic consisting of 4 degraded cans, one can that was identified was a pull top aluminum top with a steal body, the other 3 cans were sanitary cans containing food items, measurements were not taken due to the badly degradable state of the cans.

*P3b. Resource Attributes: (List attributes and codes) AH16 Other Can Scatter.

*P4. Resources Present: Building Structure Object Site District Element of District Other (Isolates, etc.)

P5a. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (View, date, accession #) Overview of site with cans.

*P6. Date Constructed/Age and Sources: Historic Prehistoric Both

*P7. Owner and Address:
Beaumont-Cherry Valley Water District
560 Magnolia Ave,
Beaumont, CA 92223

*P8. Recorded by: (Name, affiliation, and address)
Matthew Hyland
Geovironment Consulting
630 W. 7th Street
San Jacinto, CA 92583

*P9. Date Recorded: 7/21/2022

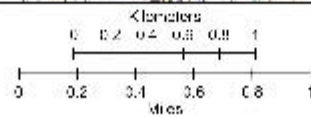
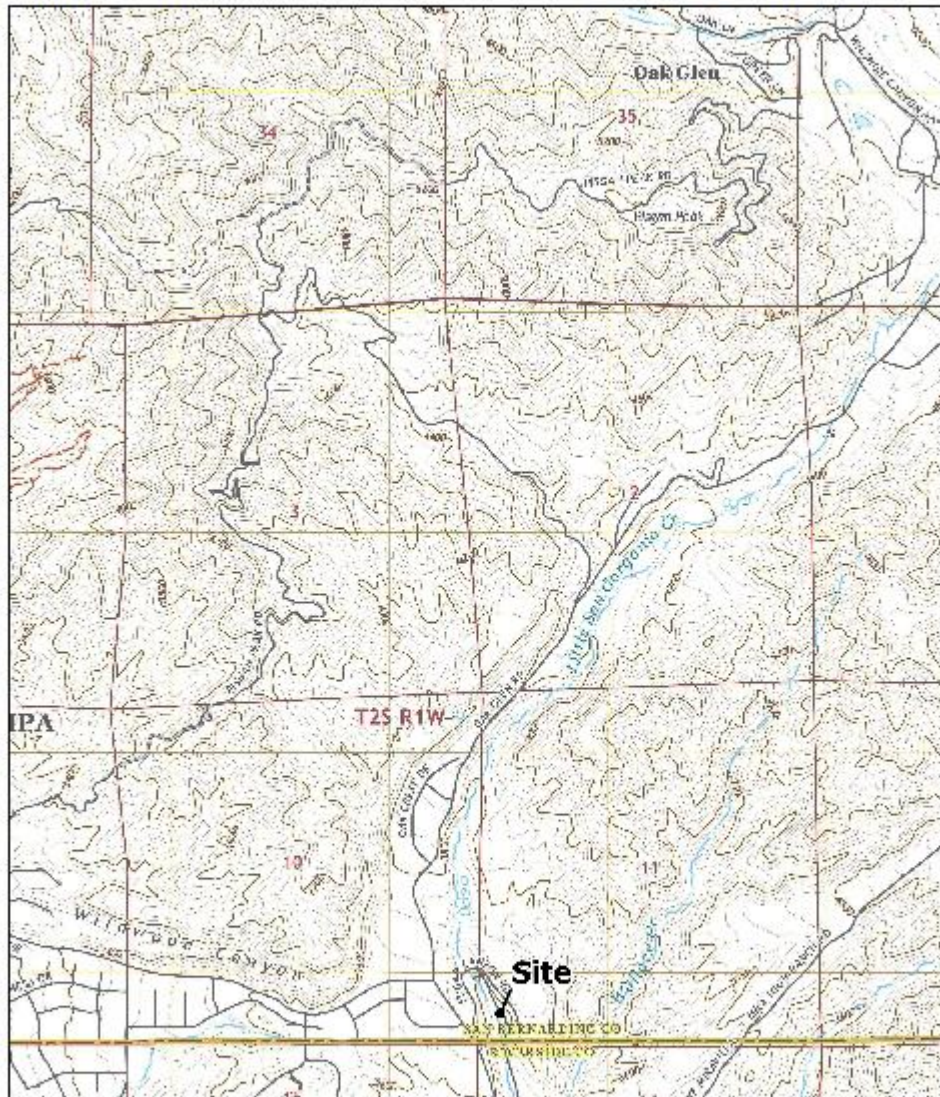
*P10. Survey Type: (Describe)
Pedestrian Survey

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION PRIMARY RECORD	Primary # _____ HRI # _____ Trinomial _____
---	---

Page 2 of 3 Resource Name or #: (Assigned by recorder) Sec-1

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") None.

*Attachments: NONE Location Map Sketch Map Continuation Sheet Building, Structure, and Object Record
 Archaeological Record District Record Linear Feature Record Milling Station Record Rock Art Record
 Artifact Record Photograph Record Other (List):
DPR 523A (1/95) *Required Information





**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 6

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Beaumont Master Drainage Plan Line 16 Replacement Pipelines 1-6 Project Cost Update and Notice of Completion**

Staff Recommendation

Authorize the General Manager to file the Notice of Completion for the Beaumont Master Drainage Plan Line 16 Replacement Pipelines 1 - 6 Project with the Riverside County Assessor – County Clerk – Recorder.

Executive Summary

The Board of Directors directed District staff to replace five (5) sections of pipeline (later identified as Pipelines 1 – 5 as a part of the MDP Line 16 Replacement Pipeline Project [Project]) and one (1) additional section of pipeline (Pipeline 6) within Grand Avenue. These sections of pipeline conflicted with the proposed storm drain proposed by Riverside County Flood Control and Water Conservation District (RCFC&WCD). These pipelines have since been constructed and inspected by District staff. District staff is now bringing this project back to the Board to file a Notice of Completion (NOC).

Background

At the March 24, 2022, Engineering Workshop, District staff identified five (5) sections of pipeline between the District's Noble Creek Recharge Facility (NCRF) and Bellflower Avenue that require relocation to avoid conflicts with the Master Drainage Plan Line 16 (MDP Line 16). Construction began in February 2022 and was completed in April 2022. The design and construction of Pipelines 1 – 5 was coordinated with RCFC&WCD's MDP Line 16 project along Grand Avenue eliminating conflicts between District facilities and the proposed 84" storm drain.

At a Special Meeting on April 7, 2022, District staff identified an additional section of pipeline that requires relocation to avoid conflict with MDP Line 16. District staff further identified that said waterline (Pipeline 6) was identified for replacement as P-3040-0019 in the District's 2022-2026 Capital Improvement Budget. After Board approval of the additional expenditures for the project, District staff was able to procure materials and the District's contractor for the Project was able to construct the new waterline to avoid direct conflict with the storm drain alignment.

On December 7, 2021, the General Manager executed a contract in the amount of \$448,780.00 with Merlin Johnson Construction, Inc. for the replacement Pipelines 1 – 5 of the Project. On April 12, 2022, a Change Order for \$100,580.00 was executed to include the additional pipeline (Pipeline 6) to the contract with the existing Project Contractor (Merlin Johnson Construction, Inc.).



Pipelines 1 – 5 of the MDP Line 16 Replacement Pipeline Project have now been completed. District staff has since verified the completion of the work and finalized the billing process for the Project. A summary of the pipelines that were relocated is described, below:

**Table 1
MDP Line 16 Pipeline Replacement Information**

Pipeline #	Approximate Length (LF)	Location (To and From)
Pipeline 1	550	El Monte Drive east to Cherry Avenue
Pipeline 2	180	Jonathan Avenue to 180' east of Jonathan Avenue
Pipeline 3	240	Winesap Avenue to 240' east of Jonathan Avenue
Pipeline 4	245	Noble Street to 245' north of Grand Avenue
Pipeline 5	160	Martin Lane to Noble Creek Recharge Facility
Pipeline 6	635	Noble Street to 500' east of Martin Lane

Summary

Project costs are summarized in Table 2, below:

Table 2 – MDP Line 16 Pipeline Replacements 1 – 6 Total Project Costs	
<i>District Supplied Items & Description</i>	<i>Total Costs</i>
Potable Pipeline Materials	\$160,253.83
District Staff Labor	\$13,455.90
District Supplied Subtotal:	\$173,709.73
<i>Contractor Work</i>	<i>Contract Amount</i>
Base Bid Work	\$448,740.00
Change Order (To Include Pipeline 6)	\$100,580.00
Subtotal Contractor Work:	\$549,320.00
Total Project Costs (Rounded):	\$721,300.00
Overall Project Approved Budget:	\$803,084.00

District staff identifies that all costs associated with the Project have been fully billed and there are no expected additional costs to be incurred.

Attachments

1. MDP Line 16 Pipeline Replacements 1 – 6 Project Notice of Completion
2. MDP Line 16 Pipeline Replacement Project Vicinity Map

Staff report prepared by Evan Ward, Civil Engineering Assistant

Attachment 1

NOTICE OF COMPLETION

To: Riverside County Assessor-County Clerk-Recorder Date: _____, 2023
2720 Gateway Drive
Riverside, California 92507 Work Order No.: 29298

Owner: Beaumont-Cherry Valley Water District Date of Completion: February 16, 2022
560 Magnolia Avenue
Beaumont, California 92223

OWNER'S ESTATE OF INTEREST:

Easement _____ Fee Title _____ Encroachment Permit _____

Other (describe): 6", 8", and 12" Ductile Iron Pipe Waterline

CONTRACTOR:

Name: Merlin Johnson Construction, Inc.

Address: P.O. Box 777, Mentone, CA 92359

TITLE OF PROJECT: PIPELINE RELOCATION PLAN FOR BEAUMONT MASTER DRAINAGE PLAN LINE 16 (PIPELINES 1 – 6)

DESCRIPTION OF PROJECT: Replacement of 1,340 LF of Ductile iron pipe along various pipelines within Grand Avenue from the District's Noble Creek Recharge Facility to approximately 200 LF east of Jonathan Avenue.

DESCRIPTION OF SITE (LOCATION): Grand Avenue, Cherry Valley CA

ASSESSOR'S PARCEL NUMBER: _____

Final payment will be made to the above contractor no sooner than thirty-five (35) days from the recording date of this Notice of Completion, except where otherwise provided for by law.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.

Executed on _____, 20__ at _____, California.

BEAUMONT-CHERRY VALLEY WATER DISTRICT

By: _____

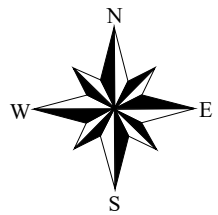
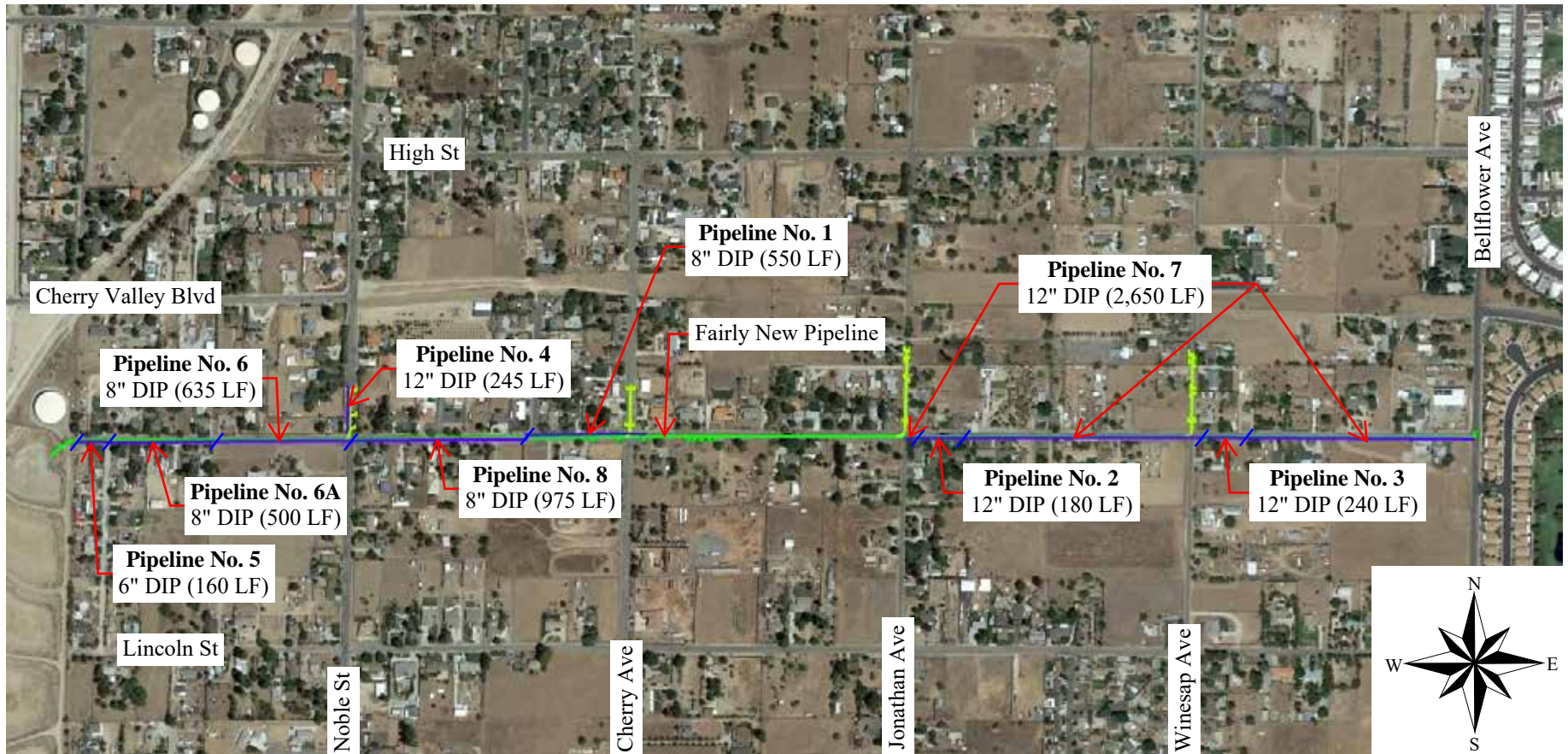
Printed Name: _____

Title: _____

MDP Line 16 Pipeline Replacement Project (PPLNS 1-6)
 Beaumont-Cherry Valley Water District

Notice of Completion

Attachment 2 - MDP Line 16 Pipeline Replacement Project Vicinity Map



Not to Scale

Legend	
	New Waterline (Various Dia.)
	New Storm Drain (Various Dia.)
	New Storm Drain Lateral and Catch Basin



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 7

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Request for Will Serve Letter and Approval of Annexation for Beaumont Energy Storage Project, Riverside County Assessor's Parcel No. 417-110-012, 417-130-012, and 417-130-005 (248 Veile Avenue, City of Beaumont)

Staff Recommendation

Consider the request for water service and annexation approval for the Beaumont Energy Storage Project, a 6.9-acre battery energy storage facility located along Veile Avenue south of 4th Street in the City of Beaumont (Riverside County Assessor's Parcel No. (APN) 417-110-012, 417-130-012, and 417-130-005), subject to payment of all fees to the District and securing all approvals from the City and:

1. Consider Will Serve Letter for Project
 - a. Approve the Application for Water Service and furnish Will Serve Letter with conditions as enumerated, or
 - b. Deny the Application for Water Service
2. Consider Project Annexation into District Service Boundary
 - a. Approve the request for Annexation of APN 417-130-005 to the District, or
 - b. Deny the Request for Annexation of APN 417-130-005 to the District

Executive Summary

The subject Project proposes to construct a 6.9-acre battery energy storage facility with no office or restroom components across three (3) parcels of land located within the District's Sphere of Influence. One (1) of the three (3) parcels, 417-130-005, is not within the District's Service Area Boundary and will require annexation. Table 1 below summarizes the proposed Project.

Table 1 – Project Summary

Applicant	James Cox (Terra Gen, LLC)
Owner / Developer	Beaumont ESS, LLC
Development Type	Commercial/Industrial
Development Name	Beaumont Energy Storage Project
Annexation Required (Yes/No)	Yes – Two of Three Parcels Require Annexation
Total Water Consumption (EDUs)	3.0 EDUs
Estimated Domestic Water Consumption	1.0 EDU
Estimated Irrigation Water Consumption	2.0 EDUs



Background

The initial Applicant, Michael Binder (Terra Gen, LLC), requested water service from the District on January 5, 2023, on behalf of the project owner: Beaumont ESS, LLC. The proposed Project (Beaumont Energy Storage Project), located at APNs 417-110-012, 417-130-012, and 417-130-005, is estimated to be a 302,742 (sf) (6.95 acres) battery energy storage facility (See Attachment 1 – Vicinity Map). Project is located along Veile Avenue south of 4th Street (parcels are between Elm Avenue and Veile Avenue).

The District contacted the Applicant regarding the proposed project and provided a list of requirements, including annexation and estimated water consumption (domestic and irrigation), for consideration of water service. The District received the information needed to complete the applicant's will-serve application on January 6, 2023, with updated drawings received in April and May. Further refinement of water consumption values was received August 31, 2023.

During a project status meeting in late-August 2023, the Developer indicated to District staff that the original applicant had departed the Company, therefore a new Will Serve Request form was received by the District on August 28, 2023, with James Cox as the new Applicant. The Company did not change.

The District has confirmed that the proposed Project is consistent with the City of Beaumont's land use designations for the property location. For planning purposes, the water consumption numbers appear to District staff as being acceptable.

Discussion

Although portions of the proposed development are not within the District's service area boundary, the overall project boundary is located within the District's Sphere of Influence, therefore the Project will require annexation. District staff informed the applicant that the preparation of the LAFCO application package and fees associated with annexation activity into the District will be the responsibility of the applicant.

District staff identified existing pipelines fronting the Project: a 24" Ductile Iron domestic water main (2750PZ) in Veile Avenue and a 24" Ductile Iron non-potable water main (2800PZ) in Veile Avenue. Both pipelines are capable of handling the Project's water demands.

The applicant has identified a need for domestic (potable), irrigation (non-potable), and fire service and provided estimated consumption values (Table 2, below).

TABLE 2: Estimated Water Consumption

Description	Estimated Consumption (GPD)	Est. Consumption (EDUs)
Domestic (Potable) Demand	186	1.0
Irrigation (Non-Potable) Demand	976	2.0
Total Consumption	1,463	3.0



Upon approval of service and completion of the annexation process, the applicant shall pay all applicable District fees in effect at the time of application for service installation, including water capacity charges (facilities fees), meter fees, and property front footage fees. The applicant will also be required to pay for additional storage relating to the volumetric quantity of water required for the Project beyond baseline fire flow demands (1,000 gpm for 2 hours) per policy.

Final domestic potable and irrigation non-potable meter sizes will be determined by the applicant. Fire flow requirements will be determined by the City of Beaumont/County of Riverside Fire Department and will dictate actual required fire suppression needs of the Project.

The applicant will also be conditioned to secure final project approvals from the City of Beaumont for the project development prior to construction.

It should be noted that this Project has been conditioned by the City of Beaumont to pave the western half of Elm Avenue along its frontage and construct a storm drain. This work would impact the District's proposed pipeline work for Elm Avenue (P-2750-0091). The District will require that the Developer work with the District on coordination of the District's planned Elm Avenue pipeline installation activities due to the issues associated with the City's pavement moratoriums affecting this planned District project. This item will be made a Condition of Development and a requirement for service.

Conditions of Development

Prior to final project development, the following conditions must be met:

The applicant shall conform to all District requirements for water service and all City of Beaumont/County of Riverside requirements.

1. The Applicant shall coordinate its Elm Avenue Roadway Improvement work with the District to provide the District the ability to construct its proposed Facilities which are a part of the 2023 Replacement Pipeline Project prior to paving Elm Avenue. This coordination is a condition of water service for this project.
2. The Applicant shall complete the annexation process for any project parcel which has yet to be annexed into the District's Service Boundary with LAFCO. All costs associated with the Plan of Services and annexation will be paid by the Applicant.
3. The Applicant will be required to pay for additional storage relating to the Project's volumetric quantity of water greater than the baseline fire flow demands (1,000 GPM for 2 hours) per District policy.
4. 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 off-site and/or on-site fire suppression.
5. The District reserves the right to review annual consumption data (water consumption audit) and adjust the applicant capacity charges (facilities fees) (at final buildout of the project and when project facilities are fully utilized) for any amount greater than 3.0 EDUs:



1.0 EDU (487 gpd - rounded) for the domestic potable demand, and 2.0 EDUs (976 gpd) for the non-potable irrigation demand.

6. In the event the applicant constructs facilities which require additional water (i.e., expansion or change of use), the applicant will be required to upgrade the domestic service to facilitate the domestic consumption requirements and pay additional capacity charges (facilities fees) related to these components.
7. To minimize irrigation consumption, the District requires the applicant to conform to the City of Beaumont Landscaping Ordinance which pertains 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, 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 which are native to the region. Irrigation systems for these areas should be drip or bubbler type.
 - c. 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.

Fiscal Impact

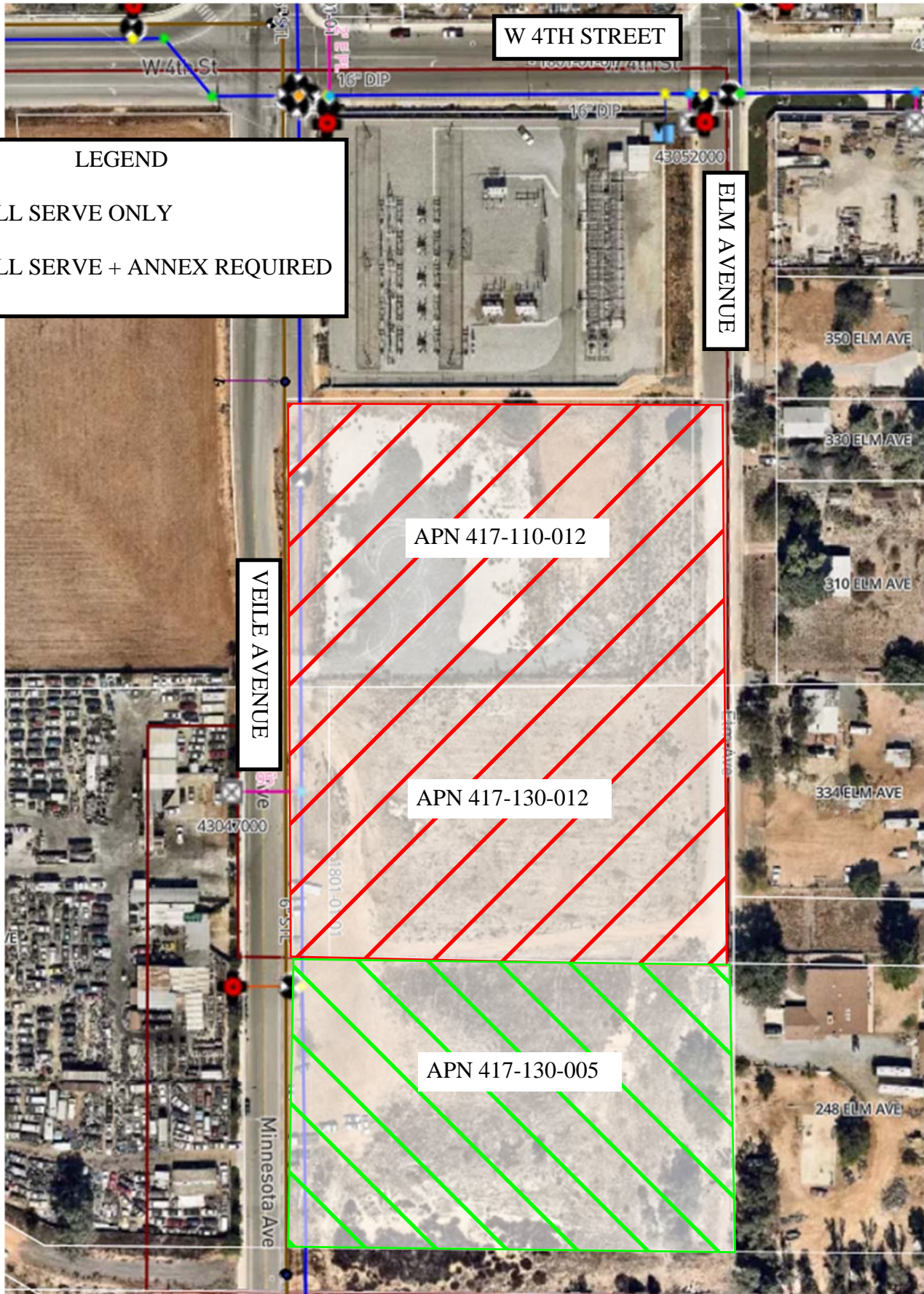
No negative fiscal impact to the District. All fees and deposits will be paid by the applicant prior to providing service.

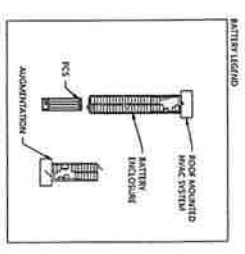
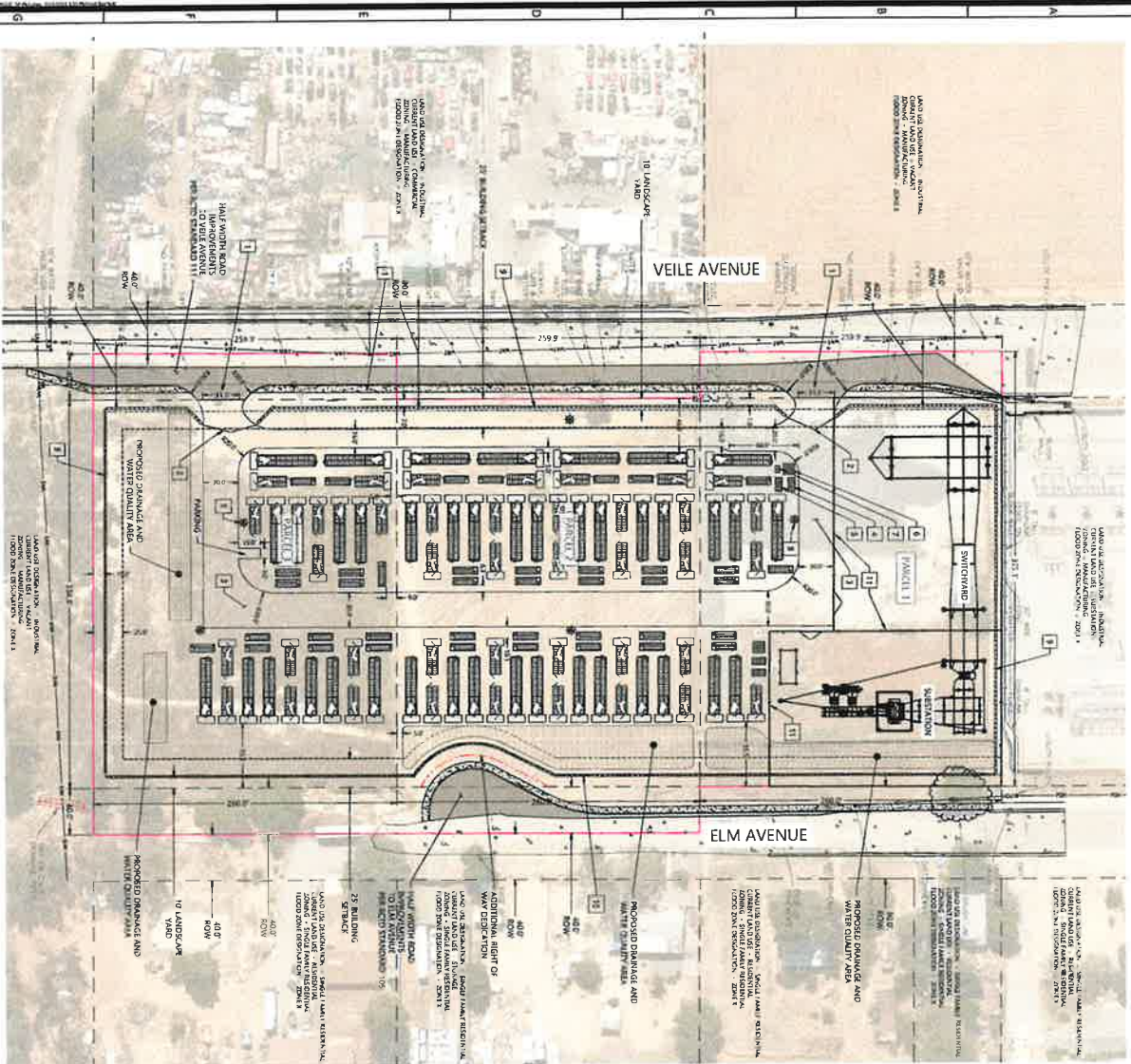
Attachments

1. Vicinity Map (APN 417-110-012, 417-130-012, and 417-130-005)
2. Developer Plot Plan
3. Developer Irrigation Plan
4. Will Serve Application

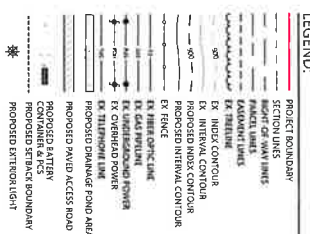
Staff Report prepared by Inmar Shihab, Engineering Assistant

ATTACHMENT 1: VICINITY MAP
APN 417-110-012, 417-130-012, 417-130-005





- 1 COMMERCIAL DRIVEWAY CONNECTION
- 2 PROPOSED GATE WITH KNOX BOX FOR FIRE AND
- 3 SITE ACCESS
- 4 PROPOSED PAVED PRIVATE DRIVEWAY & FIRE LANE
- 5 PROPOSED SWITCH GEAR
- 6 PROPOSED SWITCH BOARD
- 7 PROPOSED TRANSFORMER
- 8 PROPOSED JUNCTION BOX
- 9 PROPOSED 20' LIGHT POLE
- 10 PROPOSED 8' WALL W/1' BEEM (9' TOTAL HEIGHT)
- 11 PROPOSED 6' CHAIN LINK FENCE



ASSESSORS PARCEL NUMBER	SITE INFORMATION
APN 417-110-012	PARCEL 1
APN 417-130-012	PARCEL 2
APN 417-130-005	PARCEL 3
248 VEILE AVENUE	SITE LOCATION
CITY OF BEAUMONT, CALIFORNIA	CITY JURISDICTION
6.95 ACRES	TOTAL SITE AREA
2.24 ACRES	PARCEL 1
2.24 ACRES	PARCEL 2
2.49 ACRES	PARCEL 3
0.24 ACRES	TOTAL PROPOSED LANDSCAPING
INDUSTRIAL	LAND USE DESIGNATION
M (MANUFACTURING)	ZONING DESIGNATION
VACANT	PROPOSED ZONING
35'	EXISTING USE
20' PLUS 2' FOR EVERY FOOT OVER 35'	FRONT
10' (RIGHT OF WAY)	REAR
0	LANDSCAPE SETBACK
0	TOTAL PARKING STALLS REQUIRED
0	TOTAL PARKING STALLS PROVIDED

- NOTES
1. IT IS RECOGNIZED THAT IMPLEMENTATION OF THIS PROJECT WILL OCCUR IN PHASES OVER TIME AND THAT BUILDING OR OTHER CONSTRUCTION PROJECTS MAY BE SUBMITTED FOR APPROVED PROJECT COMPONENTS IN PHASES.
 2. IT IS ACKNOWLEDGED THAT THE APPLICANT HAS NOT YET SELECTED THE PROJECT EQUIPMENT SUPPLIERS AND LAYOUT WILL NOT BE ESTABLISHED UNTIL BUILDING PERMITS ARE HANDED. PROJECT EQUIPMENT SHALL BE SITE PLANNED AND SHALL COMPLY WITH ALL PROVISIONS IN THE CITY OF BEAUMONT MUNICIPAL CODE, INCLUDING THE PROJECT DETAILS IN THE CONDITIONS OF APPROVAL.
 3. SITE AREAS OTHER THAN ACCESS ROADS, LANDSCAPE, AND BIO RETENTION WILL BE GRAVEL.

Beaumont Battery Energy Project
City of Beaumont, CA



PRELIMINARY SITE PLAN
DATE: 10/01/2021
SHEET: 2



TERRA CEN
DBA BEAUMONT'SS, LLC
11455 El Camino Real Suite 150
San Diego, CA 92130



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: James Cox	Contact Phone # [REDACTED]
Mailing Address: [REDACTED]	Fax #:
City: [REDACTED]	E-mail: [REDACTED]
State & Zip: [REDACTED]	
Service Address: 248 Veile Avenue, Beaumont, CA 92223	
Assessor's Parcel Number (APN), Tract Map No. Parcel Map No.: 417-110-012, 417-130-012, 417-130-005	
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 Previously Attached	

The letter should be delivered to:

Recipient: [REDACTED] [REDACTED] [REDACTED]
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.


Applicant's Signature

8/28/23

Date



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 8

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: Review of Policy 5095 District Residences and Facility Emergency Policy

Staff Recommendation

No recommendation.

Background

After review and revision by the Personnel Committee and the Board of Directors, the District Residences and Facility Emergency Policy was adopted by the Board at the October 28, 2021 regular meeting. The Board prepared revisions that assure transparency and represent the interests of both the employees residing in the District-owned residences (employee-occupants, or EOs) and those employees not in residences. Legal Counsel provided guidance which was incorporated into the Policy.

Executive Summary

Per request of Director Covington, the District Residences and Facility Emergency Policy is presented for review.

Fiscal Impact

None.

Attachments

1. Resolution 2021-19 Amending the District Residences and Facility Emergency Policy

Staff Report prepared by Lynda Kerney, Executive Assistant

RESOLUTION 2021-19

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
BEAUMONT-CHERRY VALLEY WATER DISTRICT ADOPTING
POLICY 5095: DISTRICT RESIDENCES AND FACILITY
EMERGENCY POLICY AND AMENDING THE DISTRICT'S
POLICIES AND PROCEDURES MANUAL**

WHEREAS, on March 18, 2009 the Board of Directors of the Beaumont-Cherry Valley Water District adopted Resolution 2009-05, establishing a Policy and Procedures Manual applicable to Board of Directors and District staff; and

WHEREAS, in response to recommendations from the Riverside County Grand Jury, the Board of Directors adopted a District Residences and Facility Emergency Policy on March 11, 2009; and

WHEREAS, the Board of Directors desires to implement a new numbering system to the District Policies and Procedures Manual for organization and clarity; and

WHEREAS, upon significant review and discussion, the Personnel Committee of the Board of Directors recommended revision of the District Residences and Facility Emergency Policy; and

WHEREAS, the Board of Directors has carefully reviewed and considered the policy revision attached hereto as Exhibit A, finds the policy relevant and acceptable, and deems it to be in the best interests of the District that the following actions be taken,

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

- The BCVWD Policies and Procedures Manual is hereby revised to include Policy 5095 attached hereto as Exhibit A
- Policy 5095 will become effective 90 days from the date of adoption.

ADOPTED this 28 day of October, 2021, by the following vote:

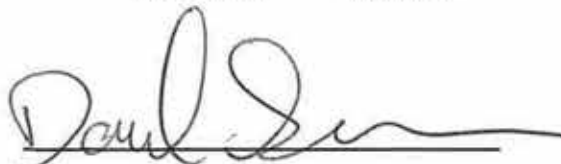
AYES: Hoffman, Slawson, Williams, Covington

NOES:


ABSTAIN:

ABSENT: Ramirez

ATTEST:



Director Daniel Slawson, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District



Director Andy Ramirez, Secretary to the
Board of Directors of the
Beaumont-Cherry Valley Water District

Attachment: Exhibit A - Policy 5095

EXHIBIT A

POLICY TITLE: DISTRICT RESIDENCES AND FACILITY EMERGENCY POLICY

POLICY NUMBER: 5095

5095.1 **Purpose.** BCVWD owns and maintains domestic water facilities and associated structures located in Edgar Canyon and other properties within the City of Beaumont, the community of Cherry Valley, and unincorporated areas within Riverside and San Bernardino Counties.

5095.2 **Properties.** District-owned residence properties include 4 separate residence dwelling units in close proximity to water system facilities necessary for the provision of water service, including but not limited to wells, pipelines, reservoirs, and other facilities necessary for delivery of water. These facilities are located in remote locations in the District-owned watershed area.

5095.3 **Emergency Capability.** It is critical that the District have the capability to respond to emergencies or other problems which may arise at any time at the remotely located water system facilities.

5095.4 Local Emergencies include:

1. Acts of vandalism
2. Security breaches
3. Power failures
4. Operational failures
5. Floods
6. Fires
7. Earthquakes
8. Monitor damage caused by wildlife
9. Other natural or human-caused emergencies

5095.5 **Regional Emergencies.** It is also necessary to have the capability to respond to regional emergencies, in conjunction with other public agencies, in order to provide mutual response to a major and/or natural disaster.

5095.6 **Practicality.** The housing of District personnel in said residences is the most practical alternative to provide emergency and safeguarding services to remote water facilities.

5095.7 **Non-Employee Occupancy.**

1. In the event that it is determined by the General Manager that a District-owned Residence does not require occupancy by a BCVWD employee for the above-stated purposes, whether on a long- or short-term basis, a District-owned Residence may be leased to a private or public agency tenant on a 12-month basis at fair market value.

2. The District's needs shall be evaluated by the General Manager after 11 months following the date of execution of the lease, and a determination made as to whether to offer a 12-month renewal of the lease.

3. If a District-owned Residence will be leased to a private party, all of the landlord-tenant laws of the State of California will apply, and a California Association of Realtors standard Residential Lease Agreement form shall be used along with appropriate disclosures and District rules as outlined in the District's Employment and Occupancy Agreement.

5095.8 Occupancy of District-Owned Residences. Occupancy of District-owned residences is provided for the convenience of BCVWD.

1. The Employee-Occupant is required to accept this lodging as a condition of employment.
2. Management will determine which employees are eligible for occupancy of District-owned residences based on organizational criteria, such as the employee's job functions, availability of residences, and the qualifications of the employee.
3. Employment and Occupancy Agreements for District-owned residences are provided to Employees with the experience and qualifications necessary to perform required duties in order to safeguard the District's facilities and respond to emergencies or other potential problems that may arise
4. Upon selection and prior to moving into a District-owned residence, Employee shall enter into an Employment and Occupancy Agreement as provided by the District.
5. Employees residing in District-owned residences shall pay a monthly maintenance fee which will accrue to pay for major maintenance expenses of the residence. The monthly maintenance fee will contain an annual escalator equal to the District annual cost-of-living adjustment up to a 3 percent maximum to be triggered at the 12-month anniversary date of the Employment and Occupancy Agreement.
6. Upon selection and prior to moving into a District-owned residence, Employee shall furnish to the District a reasonable security deposit based on 3 times the amount of the monthly maintenance fee. The security deposit is fully refundable upon move-out, unless deductions are necessary for:
 - a. Default on payment of the monthly maintenance fee
 - b. Default on reimbursement for electric or propane service
 - c. Damage in excess of normal wear and tear
 - d. Cleaning due to excessive filth / trash / debris

5095.8 Responsibilities.

1. The General Manager or their designee will prepare a Scope of Work to be performed by Employees living in District-owned residences, to be designated Exhibit A to the Employment and Occupancy Agreement.
2. The primary responsibilities of the Employee-Occupant residing in a District-owned residence include but are not limited to:
 - a. Safeguarding property and facilities from trespassers and potential vandalism
 - b. Monitoring property and facilities daily
 - c. Responding immediately to facilities nearest the residence in the event of a natural disaster or other emergency
3. Management will provide procedures for the Employee-Occupant to follow for situations that may occur, to be included in the Scope of Work document
4. Oversight of the responsibilities of the Employee-Occupant will be assigned to the Employee-Occupant's immediate supervisor.

5095.9 Occupancy.

1. Occupancy by the Employee is not a benefit of employment but is required due to the need for oversight of BCVWD property.

2. During Employee's employment, Employee-Occupant's immediate family (spouse or Registered Domestic Partner, and their children) may occupy said Residence. Employee is required to advise the District of any updates to the list of occupants.

3. Maximum occupancy of District-owned residences is 2 persons per bedroom.

4. Employee may have guests in the residence for not more than 14 consecutive days or 30 days total in one calendar year, and no more than 2 guests at any one time. At no time may the maximum occupancy be exceeded. The same guest(s) or person(s) shall not exceed 3 stays per year.

5. Employee may have up to 2 pre-approved indoor pets in the residence. Other domestic animals may be considered if the property is appropriate (i.e., horses). Pets to be maintained indoors shall be subject to an additional Pet Deposit.

6. All animals in residence on BCVWD property are governed under Title 6 of the Riverside County Code or Title 3, Division 2 of the San Bernardino County Code and must be approved by BCVWD prior to locating them at the residence.

7. Copies of proper vaccination records must be submitted to the District for all animals prior to locating them on the premises.

8. Employee-Occupant must procure liability insurance that includes coverage of dogs or other animals on the premises and add BCVWD as an additional insured.

9. Vehicles. It is the intention of the District to limit the parking of vehicles on the properties so as to avoid aesthetic nuisance.

a. Passenger vehicles and trucks may be parked on the property.

b. All vehicles must be in operable condition, currently registered in the State of California to the Employee-Occupant, their spouse, or licensed driver residing on the property. Valid registration tags must be displayed.

c. No commercial vehicles other than the Employee-Occupant's assigned District vehicle, or other by permission of the General Manager only

d. Recreational Vehicles (RVs). One RV of any size may be parked on the property.

i. The RV may be occupied by no more than 2 persons on a temporary basis (not to exceed 14 days in a 30-day period).

ii. The RV must be in compliance with all applicable County ordinances.

iii. The RV must be in operable condition, currently registered in the State of California with current valid registration tags displayed.

e. Boats, ATVs, personal watercraft, trailers, golf carts and other vehicles are limited to one such vehicle on the property and must be parked as much as possible to be out of sight from the street.

f. Variances to the above policies may be made at the discretion of the General Manager. All variance requests must be submitted in writing to the General Manager.

5095.10 Utilities.

1. Provided by BCVWD free of charge to the residence:

a. Septic tank service and routine related maintenance (normal wear and tear)

- i. Employee-Occupant must acknowledge that the residence is on a septic system and agree to properly use and care for the system including drains and laterals.
 - ii. Employee-Occupant must acknowledge receipt of the guide "Do's and Don'ts of the Septic System" and understanding of the information
 - iii. Adverse use such as grease buildup, drainage of excessive household chemicals, or flushing of non-biodegradables are not covered by District maintenance and repairs are the responsibility of the Employee-Occupant
 - b. Pest Control.
 - i. Pest control shall be provided upon request as needed for interior of residence and garage.
 - ii. Pest control shall be provided upon recommendation by annual inspection as needed.
- 2. To be reimbursed by the Employee-Occupant to the District. Employee shall be responsible for payment within 15 days of presentation of invoice or bill by the District:
 - a. Propane gas
 - b. Electricity
- 3. To be established and provided by Employee-Occupant at their discretion:
 - a. Telephone service
 - b. Internet service
 - c. Television (cable or satellite)
- 4. Trash removal. There is no trash pick-up service for the residence. Employee-Occupant will be responsible for daily removal of trash to an appropriate waste management site. Residence trash may be disposed of in dumpsters at District facilities.
- 5. Water. A charge equivalent to the cost of 8 units of water representing indoor household use, inclusive of any pass-through charges (imported water, electrical, etc.) and meter fees as adopted by the Board as current rates will be included in the calculation of the monthly maintenance fee.

5095.11 Maintenance: BCVWD responsibility:

- 1. BCVWD shall perform or cause to be performed by a qualified contractor an inspection of the Residence and property to determine any maintenance needs every three years or as determined by the General Manager.
- 2. Unless repair or replacement of property is deemed to be the result of negligence or misuse by the Employee or occupants otherwise beyond normal wear and tear (in which case, Employee will be held responsible for payment in full of all costs associated with restoration of the property), BCVWD shall be responsible for the interior, exterior and replacements as specified below:
 - i. All residence structural items including but not limited to joists, roof members and shingles, foundation, gutters and downspouts, window frames and glass, doors, and associated hardware.
 - ii. All appliances purchased and installed by BCVWD.
 - iii. All fencing, gates, locks, and associated hardware.
 - iv. Exterior maintenance: roof repair, wood trim, and siding.
 - v. All major plumbing repairs including but not limited to piping, valves, drain lines, septic system, and faucets.

- vi. All internal and external electrical which was previously installed by BCVWD (conduit and associated hardware and switches, circuit breakers, attached lighting fixtures).
- vii. All items integral to residence or garage structure or design, including but not limited to, framing, roof, drywall, foundation, window frames and glass, and doors and associated hardware.
- viii. Maintenance, repair and/or replacement of air conditioner and/or heating unit, and associated hardware, duct work, and electrical.
- ix. Maintenance, repair and/or replacement of propane fuel tank, and associated hardware and piping.

5095.12 Insurance.

1. BCVWD shall carry and maintain, at BCVWD's sole cost and expense, at all times during the term of the Employment and Occupancy Agreement, with respect to the premises, broad form General Public Liability Insurance for Bodily Injury and Property Damage in the amount of \$1,000,000 per person, \$3,000,000 per occurrence. The policy may contain and aggregate limit not less than the occurrence limit. The required limits may be satisfied by a combination of primary policy and an excess or umbrella policy.

2. All insurance required pursuant to the express provisions of the Employment and Occupancy Agreement shall provide that coverage shall not be revised, canceled, or reduced until at least 30 days written notice of such revision, cancellation or reduction shall have been given to Employee.

3. The comprehensive general liability insurance to be maintained by BCVWD pursuant to this section shall name the Employee-Occupant as additional insured.

4. Employee-Occupant shall maintain at their sole cost and expense and provide proof of insurance including coverage for Personal Property (if possible / discretionary) and Liability which shall include coverage for dogs or other animals if applicable. Coverage should be sufficient to include household furniture and furnishings, including without limitation art, silverware, dishes, antiques, personal clothing, jewelry, and items of similar nature. Employee-Occupant understands, acknowledges and agrees that neither the foregoing assets nor any other property of Employee-Occupant shall be covered under an insurance policy held by BCVWD. The Insurance policy shall be issued under the name of the Employee-Occupant and BCVWD named additional insured.

5095.13 Termination of Employment and Occupancy

1. Employee's right to use and occupy a District-owned residence is a condition of employment, subject to review, and is on a periodic basis.

2. Upon termination of employment, the right is also terminated.

3. Occupancy of the District-owned residence may be terminated at any time by BCVWD with or without cause upon 45 days' written notice.

4. Vacation of premises will occur on the earlier of:

a. 45 days following written notice from BCVWD to vacate the residence; or

b. 30 days following the date upon which Employee's employment with BCVWD is terminated.

5. Removal of Employee-Occupant's personal property from residence: Personal property of value greater than \$700 left at the District residence after vacation of the premises will be considered abandoned and may be removed to a storage site. The Employee-Occupant will be charged a daily reasonable cost for said storage. Following 60 days after vacation of the premises, all personal property will

be considered abandoned and will be disposed of. Any fixtures installed by the Employee-Occupant become the property of the District.



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 9

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Grand Avenue Pavement Repair Project Cost Update and Notice of Completion

Staff Recommendation

Authorize the General Manager to file the Notice of Completion for the Grand Avenue Pavement Repair Project with the Riverside County Assessor – County Clerk – Recorder.

Executive Summary

As a part of the Riverside County Flood Control and Water Conservation District (RCFC&WCD) storm drain project within Grand Avenue, the contractor was required to complete all pavement repair in locations above the storm drain alignment as well as catch basin laterals. As a part of the District's pipeline relocation efforts, the District was conditioned to pave the southern half of Grand Avenue where waterlines were relocated. The pavement repair has since been constructed and inspected by District staff. District staff is now bringing this project back to the Board to file a Notice of Completion (NOC).

Background

At a Special Meeting on March 15, 2023, District staff identified that the pavement within Grand Avenue requires repair over the sections of the street where the District was required to relocate the pipelines to avoid conflict with the RCFC&WCD MDP Line 16 storm drain project. District staff solicited for bids for the repair of the pavement in Grand Avenue and recommended MCC Equipment Rentals, Inc. (lowest bidder) to complete the construction.

In preparation of the pavement repair plans, it was District staff's intent to match what was approved by RCFC&WCD for their portion of pavement activities in Grand Avenue. On February 28, 2023, District staff conducted a field walk to gather an estimate of the areas for which new pavement would be needed. It was determined that additional pavement would be needed for approximately 2,720 linear feet of Grand Avenue (in sections, not continuous) between Martin Lane and Bellflower Avenue.

At this Special Meeting on March 15, 2023, the Board directed the General Manager to enter into a contract with MCC Equipment Rentals, Inc. for an amount not to exceed \$245,685.50, for the pavement repair of Grand Avenue. From April to June 2023, a few minor change orders were processed to account for the removal of additional asphalt that was unanticipated, additional striping of the lanes within the streets, and for the purchase of additional asphalt. A summary of the costs incurred with this Project is provided in Table 1, below.



Summary

Project costs are summarized in Table 1, below:

Table 1 – Grand Avenue Pavement Repair Project Costs	
<i>District Supplied Items & Description</i>	<i>Total Costs</i>
Pavement Repair Materials	\$8,271.00
Geotechnical Services	\$6,203.00
Miscellaneous (Public Notice)	\$730.00
District Staff Labor	\$6,774.00
District Supplied Materials and Labor Subtotal:	\$21,978.00
<i>Contractor Related Work Cost</i>	<i>Contract Amount</i>
Base Bid Work	\$245,685.50
Change Order No. 1 (Add'l work described above)	\$9,637.00
Change Order No. 2 (Add'l work described above)	\$6,000.00
Change Order No. 3 (Add'l work described above)	\$168.74
Total Final Contract Amount:	\$261,491.24
Final Project Costs (Rounded):	\$283,469.00
Overall Project Approved Budget:	\$345,000.00

District staff identifies that all costs associated with the Project have been fully billed and there are no expected additional costs to be incurred.

Attachments

1. Grand Avenue Pavement Repair Project Notice of Completion

Staff report prepared by Evan Ward, Civil Engineering Assistant

NOTICE OF COMPLETION

To: Riverside County Assessor-County Clerk-Recorder Date: _____, 2023
2720 Gateway Drive
Riverside, California 92507 Work Order No.: PLP 027

Owner: Beaumont-Cherry Valley Water District Date of Completion: July 13, 2023
560 Magnolia Avenue
Beaumont, California 92223

OWNER'S ESTATE OF INTEREST:

Easement _____ Fee Title _____ Encroachment Permit _____

Other (describe): Pavement Plan for Grand Avenue

CONTRACTOR:

Name: MCC Equipment Rentals, Inc.

Address: P.O. Box 1730, Yucaipa, CA 92399

TITLE OF PROJECT: GRAND AVENUE PAVEMENT PLAN FOR MDP LINE 16 REPLACEMENT PIPELINES

DESCRIPTION OF PROJECT: Replacement of 11,850 SF of hot mix asphalt along Grand Avenue from the District's Noble Creek Recharge Facility to Bellflower Avenue

DESCRIPTION OF SITE (LOCATION): Grand Avenue, Cherry Valley CA

ASSESSOR'S PARCEL NUMBER: _____

Final payment will be made to the above contractor no sooner than thirty-five (35) days from the recording date of this Notice of Completion, except where otherwise provided for by law.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.

Executed on _____, 20__ at _____, California.

BEAUMONT-CHERRY VALLEY WATER DISTRICT

By: _____

Printed Name: _____

Title: _____



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 10

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Second Amendment to HR Dynamics & Performance Management Consulting Agreement for 2023**

Staff Recommendation

Authorize the General Manager to execute a second amendment to the existing 2023 professional services agreement with HR Dynamics & Performance Management for an addition to the Scope of Services in a revised total contract amount not to exceed \$95,600.

Executive Summary

Staff identifies a need for ongoing consulting services on an interim basis to assist with human resources functions and recruitment of a new human resources professional. Staff recommends a second amendment to the existing contract with HR Dynamics to provide the needed services over an additional 12-week period beyond the 14 weeks identified in the first amendment to the contract. The period covered by the second amendment would end December 31, 2023.

Background

In 2018, consultant HR Dynamics completed an evaluation project for the District and provided recommendations regarding hiring of a staff human resources professional. HR Dynamics continued to be engaged as a human resources consultant to train and assist the new Human Resources Coordinator. The 2020 agreement defined the consultant services under a monthly retainer.

Since 2021, HR Dynamics has continued to provide on-call, as needed human resources consulting under an hourly contract. This continued into 2023 with a contract for \$15,000. With the departure of the District's Human Resource Manager in March, 2023, staff identified a need for further ongoing and greater assistance with bridging human resources activities. An amendment to the agreement was presented to the Board of Directors at the Regular Meeting of April 12, 2023. The agreement defined a period of 14 weeks of more substantive consulting assistance, from May 8, 2023 to August 18, 2023 (excluding one unavailable week) while maintaining the original contract duration for 2023. The term of the first agreement amendment has ended, however the Human Resources Manager position remains unfilled.

Discussion

The proposed second amendment to the original agreement defines an additional period of 12 weeks of more substantive consulting assistance, from September 11, 2023 to December 31, 2023 (excluding four unavailable weeks) while maintaining the original contract duration for 2023.

HR Dynamics is familiar with the District and its processes and can provide consulting on a time and materials basis to cover the varying needs.

Continuing this agreement will benefit the District for the following reasons:



1. HR Dynamics has a current working relationship with the District and an established understanding of the organization
2. The consultant has proven effective for assistance in implementing the determined Human Resources recommendations, in developing the current Human Resources (HR) Department, and in training the prior HR Coordinator
3. HR Dynamics will serve as a professional resource to District staff including:
 - a. Skilled knowledge and expertise to the General Manager and Assistant Director of Finance and Administrative Services in the area of employee/labor relations
 - b. Effective coaching, mentoring, and training for current Finance and Administration staff assigned to assume routine human resources duties and functions.
4. In reviewing the District's Personnel Policies, HR Dynamics will:
 - a. Assess the District's chart of proposed personnel related policies in relation to best practices and previously recommended topics
 - b. Review existing personnel policies content to ensure they are appropriately covered, up-to-date, and compliant
 - c. Recommend additional policies and/or revision of existing policies.
5. In implementing the Human Resources Assessment Report, HR Dynamics will:
 - a. Identify, recommend, and independently complete projects associated with the Human Resources Assessment Report
 - b. Provide guidance in which to specifically address work items included in the District's Human Resources Control Plan and the Human Resources Status Report

While the District will have a dedicated Human Resources Manager (and/or individual assuming the regular duties on an interim basis), the purpose of this amendment is to provide consulting services which may require broader experience, training and knowledge, and/or an independent review and/or opinion on complex matters impacting the workforce. Further, the amendment includes the independent completion of specified projects. Legal counsel has reviewed the proposed amendment.

Fiscal Impact

The payments for all services to the current consulting agreement and its amendments are not to exceed a total of \$95,600:

\$15,000	original contract
\$43,400	first amendment
\$37,200	second amendment
\$95,600	not to exceed amount

Consulting services have been approved as part of the Human Resources department budget. Staff has identified substantial savings in the Human Resources department budget for 2023 due to the vacant HR Manager position between April and August 2023, which helps offset the costs related to the work identified in the second amendment (as well as the first amendment).

Attachments

1. Current HR Dynamics professional services agreement
2. 2023 HR Dynamics first contract amendment
3. 2023 HR Dynamics second contract amendment

**BEAUMONT-CHERRY VALLEY WATER DISTRICT
PROFESSIONAL SERVICES AGREEMENT**

This Agreement is made and entered into as of January 01, 2023, by and between the Beaumont-Cherry Valley Water District, a California Irrigation District ("District"), and HR DYNAMICS & PERFORMANCE MANAGEMENT, INC. (HRDPM), a Human Resources Consulting Services ("Consultant"). District and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

A. RECITALS

(i) District requires provision of the following professional services: professional Human Resources consulting services available as a resource to the District's

General Manager, and the Director of Finance and Administration Department on an as-needed basis, all as more fully set forth and described in this Agreement.

(ii) Consultant is duly licensed and/or otherwise fully authorized by law, and has the necessary experience and qualifications, to provide such services. District enters this Agreement in substantial reliance on such experience and qualifications.

(iii) The Parties enter this Agreement in order to set forth terms and conditions governing's performance of the services described herein.

B. AGREEMENT

NOW, THEREFORE, IT IS AGREED AS FOLLOWS:

1. Scope of Services.

Consultant shall furnish all labor, materials, equipment, and supplies necessary or incidental to performing the services generally described in the Scope of Services below any applicable request for proposals issued by the District, and as otherwise required by this Agreement, all to District's satisfaction (collectively, "Services".)

Upon inquiry, the consultant shall review and assess complex personnel issues, and provide guidance and advisement in any of the following areas as issues/questions may present themselves throughout the term of the agreement:

- Employee/Labor Relations/Labor Negotiations
- Disciplinary Issues/Skelly Process
- Internal Investigations/Assessments
- Classification/Compensation/FLSA
- Recruitment/Selection
- Benefits Administration
- Policies and Procedures
- Training and Development
- Board of Directors/Personnel Committee Matters

BCVWD has dedicated Human Resources professionals on staff, and the purpose of

this Agreement is to provide consulting services which may require broader experience, training, and knowledge, and/or an independent review and/or opinion on complex matters impacting the workforce.

Such professional work is consistent with the "Professional Service Exemptions" as provided under AB5 carve-outs, wherein defined Professional Service Providers include human resources administrators. In all cases, the services shall be performed independently as a skilled professional, while serving as an independent contractor. The Consultant at all times shall determine the manner and means in which to achieve the results. The Consultant maintains a business location/office and business licenses for the jurisdictions in which it provides services. The Consultant is publically available for hire and advertises its services (HRDPM.COM), has multiple clients, and exercises independent judgment in the performance of services. The Consultant shall provide advisement/guidance services remotely from HRDPM offices and establish dates/times and hours to be worked to achieve the objectives.

2. Compensation.

a. Subject to Section 2. b, below, the District shall pay for the Services satisfactorily performed, in accordance with the Schedule of Rate set forth at a rate of \$155.00 per hour. Consultant shall invoice on a quarterly basis.

b. In no event shall the total amount paid for services rendered by Consultant during the term of this Agreement exceed the sum of \$15,000.00 This amount covers and is inclusive of all labor, materials, and any and all other costs incurred by Consultant in performing the Services unless otherwise agreed upon in writing. Consultant shall be deemed to have made all necessary inquiries and site inspections prior to agreeing to perform the Services. Unless the Parties have agreed on a one-time flat fee, periodic payments for undisputed work shall be made within thirty (30) days of receipt of an invoice that includes a detailed description of the work performed. Payments to the Consultant for work performed will be made on a quarterly billing basis, with the last invoice to be received on or before December 18, 2023.

3. Additional Work.

The Parties may agree on additional work to be provided as part of the Services. The District General Manager is authorized to approve additional work not exceeding \$0.00 Dollars by a written memo signed by the parties. Otherwise, an amendment to this Agreement shall be prepared by the District and executed by both Parties authorizing such additional work and compensation therefor, prior to such work being performed.

4. Maintenance of Records.

Books, documents, papers, accounting records, and other evidence pertaining to costs incurred and work performed shall be maintained by the Consultant and made available for review by the District at all reasonable times during the term of this Agreement and for four (4) years from the date of final payment by District.

5. Term; Time of Performance.

The term of this Agreement shall commence on the date first set forth above and shall expire at the end of business on **December 31, 2023**, unless extended or earlier terminated as provided herein. Consultant shall complete the Services within the term of this Agreement, and shall meet any other milestones, schedules and deadlines agreed upon in writing.

Consultant shall commence work within three (3) business days of receiving the District's verbal or written notice to proceed. Consultant represents that it has the professional and technical personnel required to satisfactorily perform the Services as required by this Agreement. All indemnification provisions of this Agreement shall survive and remain in effect following the termination of this Agreement. The Parties may agree in writing to extend the term of this Agreement if necessary to complete the Services, or when deemed to be in the District's best interest.

6. Delays in Performance.

a. Force Majeure. Neither District nor Consultant shall be considered in default of this Agreement for delays in performance caused by force majeure events. Force majeure events mean and refer to circumstances beyond the reasonable control of the non-performing Party including, but not limited to, abnormal weather conditions; floods; earthquakes; fire; epidemics resulting in "stay at home" or similar binding governmental orders; war; riots and other civil disturbances; strikes, lockouts, work slowdowns, and other labor disturbances; sabotage or judicial restraint. Consultant's lack of financial capability, in the absence of any of the foregoing events, shall not constitute a force majeure event.

b. Should a force majeure event occur, the non-performing Party shall promptly, upon becoming aware of its inability to perform, give written notice to the other Party describing the circumstances preventing continued performance and the efforts being made to resume the performance of this Agreement.

7. Compliance with Law.

a. Consultant shall comply with all applicable laws, ordinances, statutes, codes, and regulations of the federal, state, and local government, including Cal/OSHA requirements.

b. District may but is not required, to assist Consultant in obtaining and maintaining all permits required of Consultant by federal, state, and/or local regulatory agencies.

c. If applicable, and unless otherwise provided in the Scope of Services, Consultant is responsible for all costs of clean up and/or removal of hazardous and toxic substances spilled as a result of Consultant's services or operations performed under this Agreement.

8. Standard of Care.

Consultant's Services shall be performed in accordance with the generally accepted professional standards of practice and principles and in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently performing similar services under similar conditions. Consultant shall, at all times herein, possess any and all State of California and/or federal professional licenses and certifications, as applicable, required to lawfully perform the Services.

9. Assignment and Subcontracting.

Consultant shall not assign or transfer this Agreement or any rights or obligations under, or any interest in this Agreement, or subcontract any required performance hereunder, without the prior written consent of the District, which may be withheld for any reason. The Services required to be performed by the Consultant are personal to the Consultant. Any attempt to so assign, transfer, or subcontract without such consent shall be void and without legal effect and shall constitute grounds for termination. Authorized subcontracts, if any, shall contain a provision making the subcontractor subject to all requirements of this Agreement.

10. Independent Contractor.

The consultant is retained as an independent contractor and is not an employee of the District. No employee or agent of Consultant is or shall become an employee of the District. The work to be performed shall be in accordance with the Scope of Services described in this Agreement, subject to such directions and amendments from the District as herein provided.

a. All work and other Services provided pursuant to this Agreement shall be performed by Consultant or by Consultant's employees or other personnel under Consultant's supervision, and Consultant and all of Consultant's personnel shall possess the qualifications, permits, and licenses required by State and local law to perform the Services, including, without limitation, a City of Beaumont business license. The consultant will determine the means, methods, and details by which the Consultant's personnel will perform the Services. Consultant shall be solely responsible for the satisfactory work performance of all personnel engaged in performing the Services and compliance with the customary professional standards.

b. All of the Consultant's employees and other personnel performing any of the Services under this Agreement on behalf of the Consultant shall also not be employees of the District and shall at all times be under the Consultant's exclusive direction and control. Consultant and Consultant's personnel shall not supervise any of District's employees, and District's employees shall not supervise Consultant's personnel. Consultant's personnel shall not wear or display any District uniform, badge, identification number, or other information identifying the such individual as an employee of District; and Consultant's personnel shall not use any District e-mail address or District telephone number in the performance of any of the Services under this Agreement. Consultant shall acquire and maintain at its sole cost and expense such vehicles, equipment, and supplies as Consultant's personnel require to perform any of the Services required by this Agreement. Consultant shall perform all Services off of District premises at locations of Consultant's choice, except as otherwise may from time to time be necessary in order for Consultant's personnel to receive projects from District, review plans on file at District, pick up or deliver any work product related to Consultant's performance of any Services under this Agreement, or as may be necessary to inspect or visit District locations and/or private property to perform such Services. District may make a computer available to Consultant from time to time for Consultant's personnel to obtain information about or to check on the status of projects pertaining to the Services under this Agreement.

c. Consultant shall be responsible for and shall pay all wages, salaries, benefits and other amounts due to Consultant's personnel in connection with their performance of any Services under this Agreement and as required by law. Consultant shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: Social Security taxes, other retirement or pension benefits, income tax withholding, unemployment insurance, disability insurance, and workers' compensation insurance. Notwithstanding any other agency, State, or federal policy, rule, regulation, statute or ordinance to the contrary, Consultant and its officers, employees, agents, and subcontractors providing any

of the Services under this Agreement shall not become entitled to, and hereby waive any claims to, any wages, salaries, compensation, benefit or any incident of employment by District, including but not limited to, eligibility to enroll in, or reinstate to membership in, the California Public Employees Retirement System ("PERS") or any other retirement program, as an employee of District, and entitlement to any contribution to be paid by District for employer contributions or employee contributions for PERS benefits or any other retirement benefits.

11. PERS Compliance.

The Parties acknowledge that District is a local agency member of PERS, and as such has certain pension reporting and contribution obligations to PERS on behalf of qualifying employees. Consultant agrees that, in providing its employees and any other personnel to District to perform any work or other Services under this Agreement, Consultant shall assure compliance with the Public Employees' Retirement Law, commencing at Government Code § 20000, the regulations of PERS, and the Public Employees' Pension Reform Act of 2013, as amended. Without limitation to the foregoing, Consultant shall assure compliance with regard to personnel who have active or inactive membership in PERS and to those who are retired annuitants and in performing this Agreement shall not assign or utilize any of its personnel in a manner that will cause District to be in violation of the applicable retirement laws and regulations.

12. Insurance. Unless otherwise permitted in writing by District's Risk Manager, Consultant shall not commence work for the District until it has secured all insurance required under this section and provided evidence thereof that is acceptable to the District. In addition, Consultant shall not allow any subcontractor to commence work on any subcontract until it has secured all insurance required under this section.

a. Commercial General Liability

(i) Consultant shall take out and maintain, during the performance of all work under this Agreement, in amounts not less than specified herein, Commercial General Liability Insurance, in a form and with insurance companies acceptable to the District.

(ii) Coverage for Commercial General Liability insurance shall be at least as broad as the following:

(1) Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 00 01) or exact equivalent.

(iii) Commercial General Liability Insurance must include coverage for the following:

- (1) Bodily Injury and Property Damage
- (2) Personal Injury/Advertising Injury
- (3) Premises/Operations Liability
- (4) Products/Completed Operations Liability
- (5) Aggregate Limits that Apply per Project
- (6) Explosion, Collapse, and Underground (UCX) (by deletion of this exclusion)
- (7) Contractual Liability with respect to this Agreement
- (8) Broad Form Property Damage
- (9) Independent Consultants Coverage

(iv) The policy shall contain no endorsements or provisions limiting coverage for (1) contractual liability; (2) cross liability exclusion for claims or suits by one insured against another; (3) products/completed operations liability; or (4) contain any other exclusion contrary to the Agreement.

(v) The policy shall be endorsed to name the District, its elected and appointed officials, officers, employees, agents, servants, designated volunteers and agents serving as independent contractors in the role of District officials, as additional insureds using ISO endorsement forms CG 20 10 10 01 and 20 37 10 01, or endorsements providing the exact same coverage.

(vi) Subject to the District's written approval, the general liability coverage may utilize deductibles or provide coverage excess of a self-insured retention, provided that such deductibles shall not apply to coverage of the Additional Insureds.

b. Automobile Liability

(i) At all times during the performance of the work under this Agreement, Consultant shall maintain Automobile Liability Insurance for bodily injury and property damage including coverage for owned, non-owned and hired vehicles, in a form and with insurance companies acceptable to the District.

(ii) Coverage for automobile liability insurance shall be at least as broad as Insurance Services Office Form Number CA 00 01 covering automobile liability (Coverage Symbol 1, any auto).

(iii) The policy shall be endorsed to name the District, its officials, officers, employees, agents, and District designated volunteers as additional insureds.

(iv) Subject to the District's written approval, the automobile liability coverage may utilize deductibles or provide coverage excess of a self-insured retention, provided that such deductibles shall not apply to coverage of the Additional Insureds.

c. Workers' Compensation/Employer's Liability

(i) Consultant certifies that Consultant is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she/it will comply with such provisions before commencing work under this Agreement.

(ii) To the extent Consultant has employees at any time during the term of this Agreement, at all times during the performance of the work under this Agreement, Consultant shall maintain full compensation insurance for all persons employed directly by him/her to carry out the work contemplated under this Agreement, all in accordance with the "Workers' Compensation and Insurance Act," Division IV of the Labor Code of the State of California and any acts amendatory thereof, and Employer's Liability Coverage in amounts indicated herein. Consultant shall require all subcontractors to obtain and maintain, for the period required by this Agreement, workers' compensation coverage of the same type and limits as specified in this section.

- d. Professional Liability (Errors and Omissions) (unless waived in writing by the District's risk manager)

At all times during the performance of the work under this Agreement, the Consultant shall maintain professional liability or Errors and Omissions insurance appropriate to its profession, in a form and with insurance companies acceptable to the District and with the limits required herein. This insurance shall be endorsed to include contractual liability applicable to this Agreement and shall be written on a policy coverage form specifically designed to protect against acts, errors or omissions of the Consultant in the performance of professional services. "Covered Professional Services" as designated in the policy must specifically include work performed under this Agreement. The policy must "pay on behalf of" the insured and must include a provision establishing the insurer's duty to defend.

- e. Minimum Policy Limits Required

- (i) The following insurance limits are required for the Agreement:

Combined Single Limit

Commercial General Liability	\$1,000,000 per occurrence/ \$2,000,000 aggregate for bodily injury, personal injury, and property damage
Automobile Liability	\$1,000,000 per occurrence (any auto) for bodily injury and property damage
Workers' Compensation	In the amount required by California law.
Employer's Liability	\$1,000,000 per occurrence
Professional Liability	\$1,000,000 per claim and aggregate (errors and omissions)

- (ii) Defense costs shall be payable in addition to the limits.

(iii) Requirements of specific coverage or limits contained in this section are not intended as a limitation on coverage, limits, or other requirements, or a waiver of any coverage normally provided by any insurance. Any available coverage shall be provided to the parties required to be named as Additional Insured pursuant to this Agreement.

- f. Evidence Required

Prior to the execution of the Agreement, the Consultant shall file with the District evidence of insurance from an insurer or insurers certifying to the coverage of all insurance required herein. Such evidence shall include original copies of the ISO CG 00 01 (or insurer's equivalent) signed by the insurer's representative and Certificate of Insurance (Acord Form 25-S or equivalent), together with required endorsements. All evidence of insurance shall be signed by a properly authorized officer, agent, or qualified representative of the insurer and shall certify the names of the insured, any additional insureds, where appropriate, the type and amount of the insurance, the location and operations to which the insurance applies, and the expiration date of such insurance.

g. Policy Provisions Required

(i) Consultant shall provide the District at least thirty (30) days prior written notice of cancellation of any policy required by this Agreement, except that the Consultant shall provide at least ten (10) days prior written notice of cancellation of any such policy due to non-payment of premium. If any of the required coverage is canceled or expires during the term of this Agreement, Consultant shall deliver renewal certificate(s) including the required Additional Insured endorsement to the District at least ten (10) days prior to the effective date of cancellation or expiration.

(ii) The Commercial General Liability Policy and Automobile Liability Policy shall each contain a provision stating that Consultant's policy is primary insurance and that any insurance, self-insurance or other coverage maintained by the District or any additional insureds shall not be called upon to contribute to any loss.

(iii) The retroactive date (if any) of each policy is to be no later than the effective date of this Agreement. If a "claims-made" professional liability policy is provided, it shall include an extended reporting period of not less than three (3) years.

(iv) All required insurance coverages, except for the professional liability coverage, shall contain or be endorsed to provide a waiver of subrogation in favor of the District, its elected and appointed officials, officers, employees, agents, servants, designated volunteers and agents serving as independent contractors in the role of District officials, or shall specifically allow Consultant or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Consultant hereby waives its own right of recovery against District, and shall require similar written express waivers and insurance clauses from each of its subcontractors.

(v) The limits set forth herein shall apply separately to each insured against whom claims are made or suits are brought, except with respect to the limits of liability. Further the limits set forth herein shall not be construed to relieve the Consultant from liability in excess of such coverage, nor shall it limit the Consultant's indemnification obligations to the District and shall not preclude the District from taking such other actions available to the District under other provisions of the Agreement or law.

h. Each policy of insurance required herein shall be from a company or companies having a current A.M. Best's rating of no less than A:VII and admitted and authorized to transact the business of insurance in the State of California.

i. Additional Insurance Provisions

(i) The foregoing requirements as to the types and limits of insurance coverage to be maintained by Consultant, and any approval of said insurance by the District, is not intended to and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by Consultant pursuant to this Agreement, including but not limited to, the provisions concerning indemnification.

(ii) If at any time during the life of the Agreement, any policy of insurance required under this Agreement does not comply with these specifications or is

canceled and not replaced, District has the right but not the duty to obtain the insurance it deems necessary and any premium paid by District will be promptly reimbursed by Consultant or District will withhold amounts sufficient to pay premium from Consultant payments. In the alternative, District may terminate this Agreement for cause.

(iii) District may require Consultant to provide for inspection by District, complete copies of all insurance policies in effect for the duration of the Agreement.

(iv) No District elected or appointed official, officer, employee, agent or volunteer shall be personally responsible for any liability arising under or by virtue of this Agreement.

(v) The insurance obligations under this Agreement shall be: (1) all the insurance coverage and/or limits carried by or available to Consultant; or (2) the minimum insurance coverage requirements and/or limits shown in this Agreement; whichever is greater. Any insurance proceeds in excess of or broader than the minimum required coverage and/or minimum required limits, which are applicable to a given loss, shall be available to District. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of Consultant under this Agreement.

j. Subcontractor Insurance Requirements

Consultant shall not allow any subcontractor to commence work on any subcontract until it has provided evidence satisfactory to the District that it has secured all insurance required under this section. Policies of commercial general liability insurance provided by such subcontractors shall be endorsed to name the District, its elected and appointed officials, officers, employees, agents, servants, designated volunteers and agents serving as independent contractors in the role of District officials as additional insureds, using ISO form CG 20 38 04 13 or an endorsement providing the exact same coverage. If requested by Consultant, District may approve different scopes or minimum limits of insurance for particular subcontractors.

13. Indemnification.

a. To the fullest extent permitted by law, Consultant shall defend (with counsel reasonably approved by District), indemnify and hold the District, its elected and appointed officials, officers, attorneys, agents, employees, servants, designated volunteers, successors, assigns and those District agents serving as independent contractors in the role of District officials (collectively "Indemnitees" in this Section 13) free and harmless with respect to any and all claims, demands, causes of action, costs, expenses, liabilities, losses, damages, stop notices and/or injury of any kind, in law or equity, to property or persons, including bodily injury, wrongful death, personal injury and property damage, to the extent arising out of, pertaining to, or incidental to any acts, errors, omissions, default, and/or willful misconduct of Consultant, its owners, officials, officers, employees, servants, subcontractors, consultants or agents in connection with the performance of the Consultant's Services, and/or this Agreement, including without limitation the payment of all damages, expert witness fees and attorney's fees and other related costs and expenses. Consultant's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by Consultant, or by the District or any of the other Indemnitees.

b. The provisions of this Section 13 shall survive the termination of this Agreement.

14. Termination.

a. District has the right to terminate any portion or all of the Services under this Agreement with or without cause, by giving ten (10) calendar days' prior, written notice to Consultant. In such event, District shall be immediately given title to and possession of all Work Product and original field notes, drawings and specifications, written reports and all other documents produced or developed pursuant to this Agreement. Provided Consultant is not then in breach, District shall pay Consultant for that portion of the Services satisfactorily completed prior to termination. If said termination occurs prior to completion of any specific task for which a payment request has not been received, the charge for Services performed shall be the reasonable value of such Services, based on an amount agreed to by District and Consultant. District shall not be liable for any costs other than the charges or portions thereof which are specified herein. Consultant shall not be entitled to payment for unperformed services or services within the Scope Services performed prior to the effective date of this Agreement, and shall not be entitled to damages or compensation resulting from termination of this Agreement.

b. Consultant may terminate this Agreement for cause by serving written notice of termination to the District, provided Consultant has first served the District with a written notice of default and demand to cure, and District has failed to cure such default within thirty (30) days of receipt of such notice.

15. Ownership of Work Product.

a. Except as otherwise provided in Section 14, "Termination", above, and unless otherwise agreed upon in writing, all draft and final reports, documents, and other written material, and any and all images, ideas, concepts, designs including website designs, source code, object code, electronic data and files, and/or other media whatsoever created or developed by Consultant for the District in the performance of this Agreement (collectively, "Work Product") shall be considered to be "works made for hire" for the benefit of District. All Work Product and any and all intellectual property rights arising from their creation, including, but not limited to, all copyrights and other proprietary rights, shall be and remain the property of District without restriction or limitation upon their use, duplication or dissemination by District upon final payment being made provided that any such use shall be at District's sole risk. Consultant shall not obtain or attempt to obtain copyright protection as to any of the Work Product.

b. Consultant hereby assigns to District all rights of ownership to the Work Product, including any and all related intellectual property and proprietary rights that are not otherwise vested in the District pursuant to subsection (a), above.

c. Consultant warrants and represents that it has secured all necessary licenses, consents or approvals necessary to the production of the Work Product, and that upon final payment or Consultant's default, District shall have full legal title to the Work Product, and full legal authority and the right to use and reproduce the Work Product for any purpose. Consultant shall defend, indemnify and hold District, and the other Indemnitees (as defined in Section 13(a), above) harmless from any and all loss, claim or liability in any way related to a claim that District's use of any of the Work Product violates federal, state or local laws, or any contractual provisions, or any rights or laws relating to trade names, licenses, franchises, copyrights, patents or other means of protecting intellectual property rights and/or interests in products, ideas or inventions. Consultant shall bear all costs arising from the use of patented, copyrighted, trade secret or trademarked documents, materials, equipment, devices or processes in connection with its provision of the Work Product produced under this Agreement. In the event the use of any of the Work Product or other deliverables hereunder by District is held to constitute

an infringement and the use of any of the same is enjoined, Consultant, at its expense, shall: (a) secure for District the right to continue using the Work Product and other deliverables by suspension of any injunction, or by procuring a license or licenses for District; or (b) modify the Work Product and other deliverables so that they become non-infringing while remaining in compliance with the requirements of this Agreement. This covenant shall survive the termination of this Agreement.

16. Party Representatives.

Consultant hereby designates Rhonda D. Strout-Garcia, or his or her designee, as Consultant's Representative for this Agreement, unless and until written notice of a new representative acceptable to District is provided to District. District hereby designates Daniel K. Jagers, or his or her designee, as District's Representative for this Agreement. The foregoing Representatives shall be authorized to approve non-monetary revisions to this Agreement, provide consent where required herein, and to make other administrative decisions that will be binding on their respective Party, except as otherwise specifically required herein.

17. Notices.

Any notice or instrument required to be given or delivered by this Agreement may be given or delivered by depositing the same in any United States Post Office, certified mail, return receipt requested, postage prepaid, addressed to:

DISTRICT:

Beaumont-Cherry Valley Water District
P.O. Box 2037560 Magnolia Avenue
Beaumont, CA 92223
Fax: (951) 845 0159
Attention: Dan Jagers, General Manager

CONSULTANT:

HR Dynamics & Performcane Management,
Inc.
461 Green Orchard PI
Riverside, CA 92506
Website: HRDPM.COM
Mobile: (951) 905-0025 or (951) 999-1617
Attention: Rhonda D. Strout-Garcia

and shall be effective upon receipt thereof.

18. Third Party Rights.

Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the District and the Consultant.

19. Equal Opportunity Employment.

Consultant represents that it is an equal opportunity employer and that it shall not discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, sex, age or other interests protected by the State or Federal Constitutions. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination.

20. Entire Agreement.

This Agreement, with its exhibits, all of which are incorporated by reference herein, and all documents incorporated by reference, represents the entire understanding of District and Consultant as to those matters contained herein, and supersedes and cancels any prior or contemporaneous oral or written understanding, promises or representations with respect to those matters covered hereunder. Each Party acknowledges that no representations, inducements, promises or agreements have been made by any person which are not incorporated herein, and that any other agreements shall be void. This Agreement may not be modified or altered except in writing signed by both Parties hereto. This is an integrated Agreement. In the event of any conflict or inconsistency between the provisions of this Agreement and any exhibit hereto or document incorporated by reference herein, the provisions of this Agreement, then the District's RFP, if any, shall govern.

21. Severability.

The unenforceability, invalidity or illegality of any provision(s) of this Agreement shall not render the remaining provisions unenforceable, invalid or illegal.

22. Successors and Assigns.

This Agreement shall be binding upon and shall inure to the benefit of the successors in interest, executors, administrators and authorized assigns of each Party to this Agreement.

23. Non-Waiver.

None of the provisions of this Agreement shall be considered waived by either Party, unless such waiver is specified in writing, and any such waiver shall be limited to that set of circumstances and not to any future circumstances unless another written waiver is executed.

24. Time of Essence.

Time is of the essence in each and every provision of this Agreement.

25. District's Right to Employ Other Consultants.

District reserves its right to employ other consultants to provide the Services or similar services to the District.

26. Interest of Consultant.

Consultant covenants that it presently has no interest, and shall not acquire any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the Services under this Agreement. Consultant certifies that no one who has or will have any financial interest under this Agreement is an officer or employee of the District.

27. Governing Law and Venue.

This Agreement shall be interpreted in accordance with the laws of the State of California without regard for change of venue laws. If any action is brought to interpret or enforce any term of this Agreement, the action shall be brought in a state or federal court situated in the County of Riverside, State of California. Consultant must comply with the claim procedures set forth in Government Code section 900, et seq. prior to filing any lawsuit against the District.

28. Attorneys' Fees. The prevailing Party in any legal action brought for breach or to compel performance, shall be entitled to recover their reasonable attorneys fees and costs.

29. Interest of Subcontractors.

Consultant further covenants that, in the performance of this Agreement, no subcontractor or person having any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the Services under this Agreement shall be employed. Consultant has provided District with a list of all subcontractors and the key personnel for such subcontractors that are retained or to be retained by Consultant in connection with the performance of the Services, to assist the District in affirming compliance with this Section.

30. Prohibited Interests.

Consultant maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement. Further, Consultant warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. If required, Consultant further agrees to file, or shall cause its employees or subcontractors to file, a Statement of Economic Interest with the District's Filing Officer as required under state law in the performance of the Services. For breach or violation of this warranty, District shall have the right to rescind this Agreement without liability. For the term of this Agreement, no director, official, officer or employee of District, during the term of his or her service with District, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

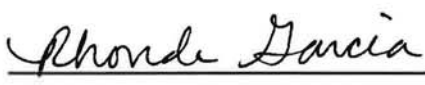
IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first written above.

BEAUMONT-CHERRY VALLEY
WATER DISTRICT

HR Dynamics & Performance Management, Inc.

By: 

Dan Jagers
General Manager

By: 

Its: VICE PRESIDENT
Printed Name: RHONDA GARCIA

ATTEST:

By: 

Secretary

**BEAUMONT-CHERRY VALLEY WATER DISTRICT
FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT WITH HR
DYNAMICS & PERFORMANCE MANAGEMENT, INC.**

This First Amendment is made and entered into as of MAY 5TH, 2023 by and between the Beaumont-Cherry Valley Water District, a California Irrigation District ("District"), and HR DYNAMICS & PERFORMANCE MANAGEMENT, INC., a Human Resources Consulting Services ("Consultant"). District and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

Except as modified in this First Amendment, the Agreement dated January 01, 2023, between the District and the Consultant shall remain in full force and effect.

The parties to this First Amendment agree to the following changes and additions:

Change

Change Section B. 2. b. In no event shall the total amount paid for services rendered by Consultant during this Agreement and First Amendment term exceed the sum of \$58,400.00.

Addition

Add after B. 1. Scope of Services.

B.1.a. HR Assessment

Human Resources Assessment for Future Staffing Needs. The Consultant shall independently assess the District's current staffing needs and level(s) in Human Resources. The Consultant shall interview department heads and a

random sampling of employees to obtain feedback on the level of satisfaction with services provided, current and future needs from human resources, and areas of improvement. A confidential executive summary report shall be prepared, providing findings and recommendations to the General Manager relative to current staffing needs for Human Resources. Should the recommendations include any redistribution of work internally impacting changes to job classifications, the Consultant shall update and/or prepare the necessary new or revised job descriptions.

B.1.b. Recruitment

Recruitment for Identified Human Resources Staffing Needs The Consultant shall provide skilled expertise in facilitating internal recruitment for identified human resources staffing needs, including screening of candidates, preliminary evaluation of candidates, coordination of all aspects of the selection process, and serving as a rater.

B.1.c. Coaching Mentoring

Human Resources Coaching and Mentoring The Consultant shall serve as a professional resource to Beaumont-Cherry Valley Water District staff on a limited-term basis. This proposal does not include acting in an "Interim" capacity. The Consultant shall provide specific high-level professional consulting services as follows:

Professional knowledge and expertise to the General Manager and Director of Finance and Administration in the area of employee and labor relations,

including corrective; disciplinary actions; organizational development; classification and compensation; recruitment strategies; employee and labor relations; leaves of absence, and reasonable accommodations; workers' compensation, safety, and risk management; policy interpretation; and other areas requiring guidance and advisement, not otherwise available in-house.

Continue coaching, mentoring, and training for current Finance and Administration staff assigned to assume routine human resources duties and functions, which shall occur weekly. Consulting services shall consist of verbal and written communications in which guidance and recommendations providing relative to sensitive personnel matters and in the performance of human resources functions and activities.

Independently identify, recommend, and provide guidance to address work items included in the District's Human Resources Control Plan and the Human Resources Status Report.

Independently perform and oversee specific agreed-upon in-progress projects within the time and length of the limited term.

SERVICE DELIVERY

Services shall be delivered via phone calls, Zoom meetings, emails, and weekly "on-site" visits for a limited period of fourteen (14) weeks, commencing the week of May 08, 2023, through August 18, 2023,*, estimated at approximately twenty (20) hours per week including travel time, with one day "on-site" per week, and remaining hours performed remotely and on-call.

*Note: Consultant will be unavailable the week of June 05, 2023, and this week has been excluded, with the schedule extended one week further in August to achieve the full fourteen weeks.

When "on-site," the Consultant shall utilize an available conference room to facilitate meetings and not occupy a regular office/desk space. The Consultant shall supply all tools and equipment, supplies and materials, and make available the Consultant's business email address and phone number to appropriate District staff.

The proposed HR Consulting services include providing professional and technical guidance to District staff related to Human Resources matters and independently completing specifically identified projects. The services shall be performed independently as a skilled professional and independent contractor in all cases. The Consultant, at all times, shall determine the manner and means to achieve the results and in which the Consultant's work shall not be directed.

Such professional work is consistent with the "Professional Service Exemptions" provided under AB5 carve-outs, wherein defined Professional Service Providers include human resources administrators. HRDPM maintains an established business location and business licenses for the jurisdictions in which it provides services. HRDPM is publicly available for hire and advertises its services (HRDPM.COM), has multiple clients, and exercises independent judgment in the performance of services. The Consultant shall perform project

work remotely from HRDPM offices and perform periodic on-site visits; establish dates/times and hours to be worked to achieve the objectives; and determine the methods in which to achieve the final work products to meet timelines established by the Consultant and agreed upon by the Client.

The Consultant understands that the Beaumont-Cherry Valley Water District must rely upon outside services for skilled expertise to fulfill Human Resources consulting and project needs and to provide professional Human Resources guidance not available in-house for the term of the Agreement.

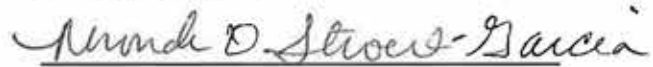
IN WITNESS WHEREOF, the parties have executed this FIRST AMENDMENT

DISTRICT



Daniel K. Jagers, General Manager
Beaumont-Cherry Valley Water District

CONSULTANT



HR Dynamics & Performance
Management, INC. (Consultant)

Attachment 3

BEAUMONT-CHERRY VALLEY WATER DISTRICT SECOND AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT WITH HR DYNAMICS & PERFORMANCE MANAGEMENT, INC.

This Second Amendment is made and entered into as of _____, 2023 by and between the Beaumont-Cherry Valley Water District, a California Irrigation District (“District”), and HR DYNAMICS & PERFORMANCE MANAGEMENT, INC., a Human Resources Consulting Services (“Consultant”). District and Consultant are sometimes individually referred to as “Party” and collectively as “Parties” in this Agreement.

Except as modified in this Second Amendment, the Agreement dated January 01, 2023, between the District and the Consultant shall remain in full force and effect. The parties to this Second Amendment agree to the following changes and additions:

Change

Change Section B. 2. b. In no event shall the total amount paid for services rendered by Consultant during this Agreement and First Amendment term exceed the sum of \$95,600.00.

Addition

Add after B. 1. Scope of Services.

B.1.d. Guidance/Advisement

The consultant shall serve as a professional resource to Beaumont-Cherry Valley Water District staff including:

1. Skilled knowledge and expertise to the General Manager and Assistant Director of Finance and Administrative Services in the area of employee/labor relations including corrective and/or disciplinary actions; organizational development; classification and compensation; recruitment strategies; employee and labor relations; leaves of absence and reasonable accommodations; workers' compensation, safety, and risk management; policy interpretation; and/or other areas requiring guidance and/or advisement, not otherwise available in-house.
2. Effective coaching, mentoring, and training for current Finance and Administration staff assigned to assume routine human resources duties and functions. Consulting services shall consist of verbal and/or written communications in which guidance and recommendations are provided relative to sensitive personnel matters and/or in the performance of human resources functions and activities.

B.1.e. Personnel Policies and Procedures

Assess the District's chart of proposed personnel related policies in relation to best practices and previously recommended topics; review existing personnel policies content to ensure they are appropriately covered, up-to-date, and compliant; recommend additional policies and/or revision of existing policies; prepare new policies, as identified; organize personnel related policies into a recommended order, grouping like topics together under sub-headers (e.g. employment, benefits, safety/training, etc.); provide advisement related to personnel policies and procedures.

B.1.f. Human Resources Assessment Report Implementation

Identify, recommend, and independently complete projects associated with the Human Resources Assessment Report; provide guidance in which to specifically address work items included in the District's Human Resources Control Plan and the Human Resources Status Report.

SERVICE DELIVERY

Services shall be delivered via phone calls, and emails, with weekly on-site visits and attendance at pre-determined meetings for a limited period, commencing the week of September 11, 2023 through December 31, 2023 * for twenty (20) hours per week including travel time, with an "on-site" visit per week (day of the week to vary), and remaining hours performed remotely, for a total of 12 weeks.

*Note: Consultant will be unavailable the weeks of October 09, 2023, November 06, 2023, November 13, 2023, and November 20, 2023, and these weeks have been excluded, resulting in a total of 12 weeks.

When "on-site", the Consultant shall utilize an available conference room to facilitate meetings, and shall not occupy a regular office/desk space. The Consultant shall supply all tools and equipment, supplies and materials, and shall make available to appropriate District staff the Consultant's business email address, and phone number.

The proposed HR Consulting services includes providing professional and technical guidance to District staff related to Human Resources matters, and the

independent completion of specifically identified projects. In all cases, the services shall be performed independently as a skilled professional, while serving as an independent contractor. The consultant at all times shall determine the manner and means in which to achieve the results, and in which the consultant's work shall not be directed.

Such professional work is consistent with the "Professional Service Exemptions" as provided under AB5 carve-outs, wherein defined Professional Service Providers include human resources administrators. HRDPM maintains an established business location, and business licenses for the jurisdictions in which it provides services. HRDPM is publicly available for hire and advertises its services (HRDPM.COM), has multiple clients, and exercises independent judgment in the performance of services. The consultant shall perform project work remotely from HRDPM offices and perform periodic on-site visits; establish dates/times and hours to be worked to achieve the objectives; and determine the methods in which to achieve the final work products to meet timelines established by the Consultant and agreed upon by the Client. The Consultant understands that the Beaumont-Cherry Valley Water District must rely upon outside services for skilled expertise to fulfill Human Resources consulting and project needs, and to provide professional Human Resources guidance not available in-house, for the term of the agreement.

IN WITNESS WHEREOF, the parties have executed this SECOND AMENDMENT

DISTRICT

CONSULTANT

Daniel K. Jagers, General Manager
Beaumont-Cherry Valley Water District

HR Dynamics & Performance
Management, INC. (Consultant)

DRAFT



**Beaumont-Cherry Valley Water District
Regular Board Meeting
September 13, 2023**

Item 11

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Consideration of Attendance at Upcoming Events and Authorization of Reimbursement and Per Diem

Staff Recommendation

Evaluate director attendance at upcoming events for possible pre-approval or approval after attendance for compensation and / or expense reimbursement pursuant to Policies 4060 and 4065 and vote to pre-approve any selected activities.

SAMPLE MOTION:

I move that the Board pre-approve the attendance of all directors at these events for purposes of per diem and reimbursement of associated reasonable and necessary expenses per District policy: ____ (list events)

Background

Event attendance is governed by BCVWD Policies and Procedures Manual Part II Policy 4060 Training, Education and Conferences, and Part II Policy 4065 Remuneration / Director Per Diem Fees. Per Government Code 53232.3(d), Directors will either prepare a written report for distribution to the Board or make a verbal report during the next regular meeting of the Board. Directors desiring to attend events not specifically enumerated and preauthorized by BCVWD policy should obtain pre-approval via vote of the Board in order to receive a per diem and/or expense reimbursement.

Upcoming Events

For registration of attendance at any event, Board members should contact the Administrative Assistant.

Activities and events that are, may already be, or can be voted as preapproved for per diem and/or expense reimbursement for attendance:

1 - SAVE THE DATE

- Nov. 28 – 30 – Annual ACWA Fall Conference and Expo in Indian Wells
Preliminary agenda now available online:
<https://www.acwa.com/events/2023-fall-conference-expo/>
Director Interest: Ramirez

2 - NEW EVENTS

DATE / TIME	EVENTS A & B	DIRECTOR INTEREST	
2 Wednesdays Sept 20 & 27 11 am - Noon	ACWA Continuing Legal Education (CLE) Workshops Virtual workshops \$85 per session / Continuing Legal education for professionals and updates for water leaders on the hottest water industry trends. Programs have been developed with water agency directors and staff in mind, along with agency legal staff. A) 9/20: Public Bidding Best Practices B) 9/27: Eminent domain for Water Infrastructure Projects	COVINGTON	HOFFMAN
APPROVAL		RAMIREZ YES BOTH DATES	SLAWSON
Preapproved (Table A, 1)		WILLIAMS	

DATE / TIME	EVENT C	DIRECTOR INTEREST	
Saturday Sept. 30 5:30-8:30 pm	AWARD FOR MDP LINE 16 PROJECT BCVWD and Riverside County Flood Control District American Society of Civil Engineers Los Angeles Section Annual Meeting, Installation of Officers, and Awards At Marina Park Community Center 1600 W. Balboa Blvd, Newport Beach https://www.eventbrite.com/e/asce-los-angeles-section-2023-awards-officer-installation-tickets-677010666127?aff=oddtcreator Cost: \$85 before 9/6, \$125 after The MDP Line 16 project has been selected for a second Flood Control Project of the Year award, this time from the Los Angeles Section of the American Society of Civil Engineers (ASCE – same organization, different chapter).	COVINGTON	HOFFMAN NO
APPROVAL		RAMIREZ YES	SLAWSON
REQUIRES VOTE 1. Preapproval for attendance (per diem) 2. Lodging reimbursement, if desired		WILLIAMS	

ACSE Los Angeles Section Awards Dinner - Sept. 30, 2023			
Estimated cost per event attendee:			
Dinner and Awards event ticket (Early bird before 9/6/23)		\$	85.00
Dinner and Awards event ticket (After 9/6/23)		\$	125.00
Hotel [check in 9/30, check out 10/1 (1 night +tax and fees) est.] (Staff recommends \$318 based on local average; Board may authorize any amount desired as a maximum, or apply no maximum)		\$	318.00
Hotel parking (estimated)		\$	20.00
Meals and incidentals (1.5 days: 1 breakfast only (US GSA LA/Orange/Ventura per diem \$17 breakfast)		\$	17.00
Transportation (driving personal vehicle 148 miles RT @ .65.5 cents mile - IRS rate)		\$	96.94
Director per diem (2 days @ \$285 per day)		\$	570.00
Estimated cost per meeting attendee (Early Bird):		\$	1,106.94
Estimated cost per meeting attendee (Full Price Ticket):		\$	1,146.94

DATE / TIME	EVENT D (Some overlap with Event E)	DIRECTOR INTEREST	
Tue & Wed Oct. 3 & 4 8 am – 5 pm	Department of Water Resources California Water Plan Plenary 2023 https://water.ca.gov/News/Events/2023/Oct-23/California-Water-Plan-Plenary-2023	COVINGTON	HOFFMAN
APPROVAL	Virtual event. Cost: \$0 Free	RAMIREZ	SLAWSON
REQUIRES VOTE	The Update 2023 Plenary Meeting is an opportunity for all Californians to learn about the Public Review Draft of Update 2023, and to provide feedback and input at and after the event to help shape the Final Update 2023 that will be published at the end of the year.	WILLIAMS	

DATE / TIME	EVENT E (Some overlap with Event D)	DIRECTOR INTEREST	
Wed & Thur. Oct 4 & 5 9 am - Noon	California Special Districts Association (CSDA) Virtual Workshop: Organizational Development \$200 / Two-day online workshop will help leaders conduct an overall organizational assessment of their District, providing a primer on strategic planning and instruct on the best practices for leadership development and team building.	COVINGTON	HOFFMAN
APPROVAL		RAMIREZ	SLAWSON
Preapproved (Table A, 9)		WILLIAMS	

DATE / TIME	EVENT F	DIRECTOR INTEREST	
Tue. Oct. 10 10 am - Noon	California Special Districts Association (CSDA) Best Practices for Board / Staff Roles and Communication Webinar / Free \$0	COVINGTON	HOFFMAN
APPROVAL	https://members.csda.net/EventDetail?EventKey=WEBI101023	RAMIREZ	SLAWSON
Preapproved (Table A, 9)	Presenter: Ruben Duran and Chris Pisano, Best Best, & Krieger Effective government at the local level relies on many people paying specific roles. This webinar will cover applicable laws and best practices for developing positive and effective relationships between elected Board Members and their staff, including a discussion of legal standards and practical tips to ensure good and productive government.	WILLIAMS	

DATE / TIME	EVENT G	DIRECTOR INTEREST	
Fri. Oct. 13 7:30 – 9 am	Beaumont Chamber of Commerce Breakfast Speaker: TBD	COVINGTON	HOFFMAN
APPROVAL	Noble Creek Community Center – Copper Room 390 W. Oak Valley Parkway, Beaumont	RAMIREZ	SLAWSON
Preapproved (Table A, 6)	\$25 per person / Reservation deadline: Sept. 29, 2023 Please advise the Administrative Assistant 8 days in advance if you would like to attend. The breakfasts are the second Friday of each month. Speakers vary, but information is not generally available in a timely manner.	WILLIAMS	

DATE / TIME	EVENT H	DIRECTOR INTEREST	
Wed. Oct. 25 All Day	Water Education Foundation Annual Water Summit: Taking on the Improbable in Western Water Kimpton Sawyer Hotel in Sacramento Speaker: More information will be available in the future. Cost: \$385 https://www.watereducation.org/foundation-event/water-summit-2023 The day-long summit is the Foundation's premier event of the year and features engaging conversations about critical issues affecting water statewide and across the West. Keynote speakers in recent years have included Wade Crowfoot, California Natural Resources secretary; Erica Gies, science journalist and author; and Daniel Swain, a climate scientist at UCLA.	COVINGTON	HOFFMAN
APPROVAL		RAMIREZ	SLAWSON
Preapproved (Table A, 19)		WILLIAMS	

DATE / TIME	EVENT I	DIRECTOR INTEREST	
Sun – Wed Oct. 22-25, 2023	CSDA 2023 Special District Leadership Academy Hyatt Regency Sonoma Wine Country (Santa Rosa) Sunday, Oct. 22 – Wednesday, Oct. 25, 2023 \$625.00 Early Bird Groundbreaking, curriculum-based continuing education program, which recognizes the necessity for the board and general manager to work closely towards a common goal.	COVINGTON	HOFFMAN
APPROVAL		RAMIREZ	SLAWSON
Preapproved (Table A Line 14)		WILLIAMS YES	
Estimated cost per conference attendee (Santa Rosa 10/22-25)			
Conference registration with meal package (early bird - prior to 9/22/23)		\$	625.00
Hotel [check in 10/22, check out 10/25 (3 nights @ \$157 +tax and fees) est.]*		\$	655.20
Meals and incidentals (3.5 days: 2 dinners, 2 lunches, 3 breakfasts (those not included with conference meal package) (US GSA Sonoma County per diem \$34 per dinner / \$18 lunch / \$17 breakfast)		\$	155.00
Transportation: Airfare to/from ONT to Santa Rosa (\$350), with rental car (\$300) est. / Airport parking \$80 (4 days)		\$	730.00
Hotel Parking @\$18 per night (3 nights)		\$	54.00
Director per diem (4 days @ \$285 per day)		\$	1,140.00
Estimated cost per conference attendee:		\$	3,359.20
Transportation Alternative (driving personal vehicle 1,014 miles RT @ 65.5 cents mile - IRS rate) (8 hours drive)		\$	664.17

3 - ON CALENDAR

DATE / TIME	EVENT J	DIRECTOR INTEREST	
Fri. Sept. 15 7:30 - 9 am	Riverside County Water Task Force Speaker Series Speaker: More information will be available in the future. Virtual event. Cost: \$0 Free	COVINGTON	HOFFMAN YES
APPROVAL		RAMIREZ YES	SLAWSON YES
Preapproved (Table A, 11)		WILLIAMS YES	

DATE / TIME	EVENT K	DIRECTOR INTEREST	
Thu. Sept 28 5:00 pm	NOTE: Engineering Workshop rescheduled to 9/26 Beaumont Chamber of Commerce State of the City Dinner and Chamber Beautification and Service Awards Reservations confirmed Speaker: Mayor Julio Martinez III Morongo Golf Club at Tukwet Canyon 5:00 – Networking and Dinner / 6:30 - Program Cost: \$75 per person	COVINGTON YES	HOFFMAN YES
APPROVAL		RAMIREZ NO	SLAWSON YES
Approved by vote on 8/9/2023		WILLIAMS YES	

4 – MISCELLANEOUS COMMUNITY EVENTS

From the Ad Hoc Communications Committee
None of these events are pre-approved

- **City of Beaumont Gov in the Park**
 Bringing City services to a neighborhood near you – meet with a variety of City departments and have questions answered (see attached flyer)
 From 9 a.m. to 11 a.m. on Saturdays:
 September 23 – Palmer Park
- **King Ludwig’s Oktoberfest - Beaumont-Cherry Recreation and Park District**
 Friday, Sept. 15 – 5 to 11 p.m.
 Saturday, Sept. 16 – Noon to 11 p.m.
 Sunday, Sept. 17 – Noon to 6 p.m.
 Noble Creek Park

Fiscal Impact

The fiscal impact will depend on the number of directors attending an event and the event costs. Board of Directors currently utilized 47% of the budget as of August 2023 and have a remaining balance of \$12,646.38.

Attachments

None.