

ADDENDUM TO THE FINAL
CEQA ENVIRONMENTAL IMPACT REPORT
SANTA ANA RIVER CONSERVATION AND CONJUNCTIVE USE
PROGRAM JOINT PROJECTS
RIVERSIDE COUNTY, CALIFORNIA

State Clearinghouse # 2016101079

WESTERN MUNICIPAL WATER DISTRICT
14205 Meridian Parkway
Riverside, CA 92518



CEQA Lead Agency

September 2024

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ATTACHMENTS

Thomas Harder & Company Hydrogeology Letter

Well No. 7 Environmental Checklist

1. Purpose of This Document

This document serves as an addendum to the California Environmental Quality Act (CEQA) 2019 Final Environmental Impact Report (FEIR) for the proposed Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) Joint Projects that was issued and certified by the Inland Empire Utilities Agency (Lead Agency) on February 20, 2019. The FEIR was subsequently adopted by the Responsible Agency - Western Municipal Water District (WMWD) on March 20, 2019. The purpose of this Addendum is to address a change to one of the projects proposed in the FEIR known as the Arlington Production Wells and Pipeline project – Well AD-7 (now known as Well 7). The WMWD is the CEQA lead agency for this addendum to the FEIR.

This addendum has been prepared to obtain CEQA clearance for the updated Well 7 project and was prepared pursuant to the WMWD Local Guidelines. None of the conditions described in Local Guidelines Section 8.04 or 8.05 or CEQA Guidelines section 15162 requiring preparation of a supplemental EIR have occurred, and this addendum is being prepared per CEQA Guidelines Section 15164. Section 15164 (Addendums) states that:

- (a) The lead agency or responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred.
- (b) An addendum to an adopted negative declaration may be prepared if only minor technical changes or additions are necessary or none of the conditions described in Section 15162 calling for the preparation of a subsequent EIR or negative declaration have occurred.
- (c) An addendum need not be circulated for public review but can be included in or attached to the final EIR or adopted negative declaration.
- (d) The decision-making body shall consider the addendum with the final EIR or adopted negative declaration prior to making a decision on the project.
- (e) A brief explanation of the decision not to prepare a subsequent EIR pursuant to Section 15162 should be included in an addendum to an EIR, the lead agency's findings on the project, or elsewhere in the record. The explanation must be supported by substantial evidence.

This addendum will be considered in relation to the SARCCUP FEIR and Findings of Fact prior to a decision being made on the project (14 CCR § 15164 (d)).

As explained in this Addendum, none of the conditions in CEQA Guidelines section 15162 have occurred: (1) the proposed changes are minor and do not require major revisions to the FEIR because there are no new significant environmental effects and no substantial increase in the severity of any previously identified significant effect; (2) there are no substantial changes with respect to the circumstances under which the modified project will be undertaken; (3) there is no new information of substantial importance, which was not known or could not have been known with the exercise of reasonable diligence, showing that (a) the modified project will have one or more significant effects not discussed in the FEIR; (b) significant effects previously identified will be more severe; (c) mitigation measures or alternatives found infeasible in the FEIR are in fact feasible and would substantially reduce one or more significant effects but have nonetheless been rejected; or (d) there are new and considerably different mitigation measures or

alternatives that would substantially reduce one or more significant effects but have nonetheless been rejected.

2. Proposed Changes to the Well 7 Project Description

The SARCCUP FEIR evaluated two alternative locations for Well AD-7:

Alternative 1 - Well AD-7 would be located at the intersection of Magnolia Avenue and Adams Street in the City of Riverside within a grassy area adjacent to CVS Pharmacy. The new pipeline would start at Well AD-7 and run underground approximately 4 miles west along Magnolia Avenue, connect to Well AD-6 and continue to a point just beyond La Sierra Avenue within the public right-of-way (ROW) to the existing Arlington Desalter facility.

Alternative 2 - Well AD-7 would be located at the intersection of Auto Center Drive and Motor Circle within an automobile park. The new pipeline would start at Well AD-7 and run underground along Auto Center Drive, connect to Well AD-6 and continue north on Adams Street, west on Indiana Avenue to Fillmore Street within the public ROW to the existing Arlington Desalter facility.

The figure below is from the FEIR showing the original layout of the two alternatives analyzed in the FEIR.



Credit: Environmental Science Associates 2019

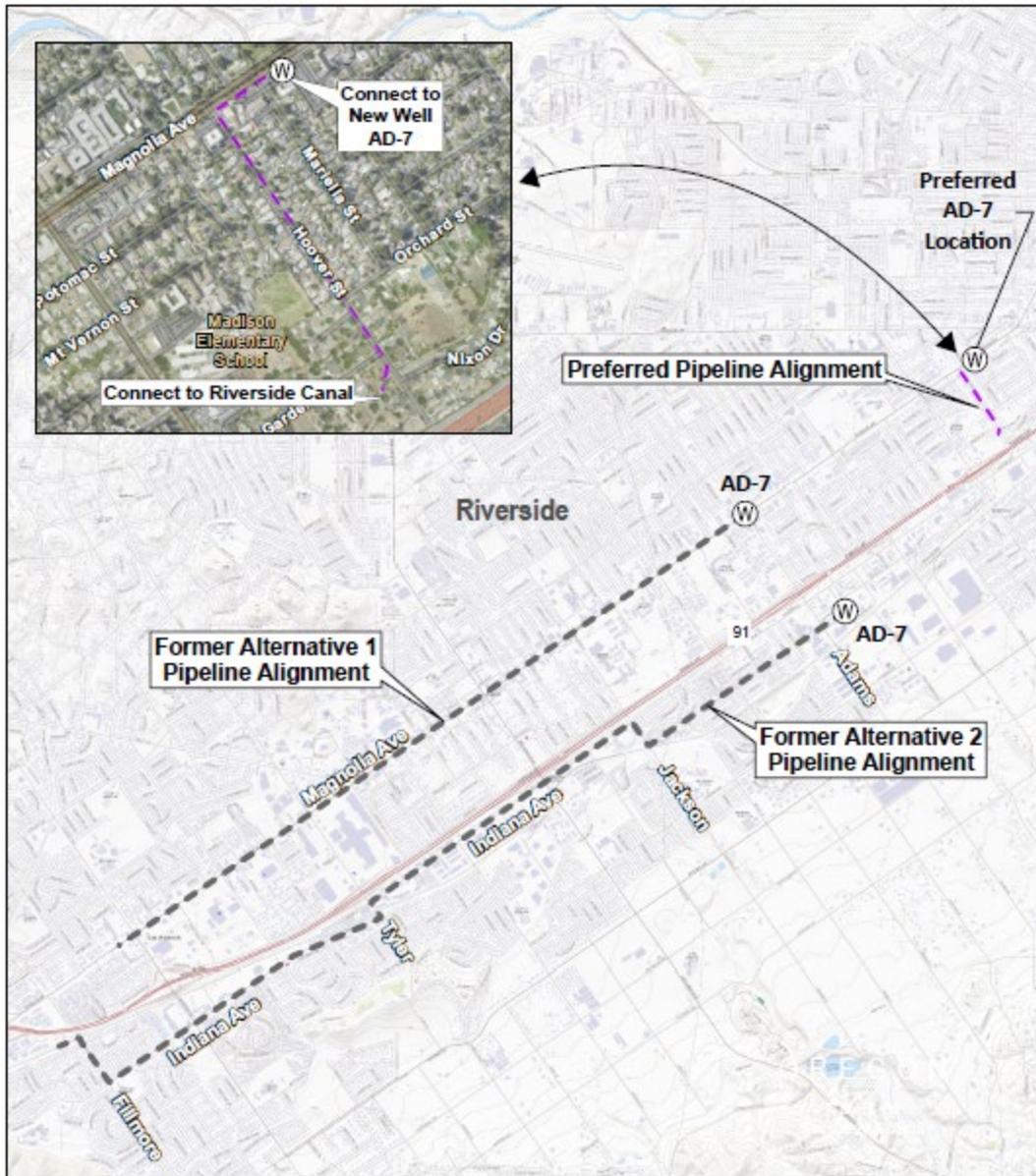
There are two minor changes proposed for the Well 7 project. The minor alterations are intended to minimize community impacts and maximize performance effectiveness of the new

well, while still falling within the parameters of the FEIR's impacts analysis and SARCUUP project's purpose – improve the Santa Ana River watershed's water supply resiliency and reliability by increasing available yield from local groundwater basins in the watershed to offset future reductions in imported water supply, whether due to climate change or natural or manmade supply cutbacks.

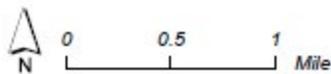
First, the location of the well and pump station would be moved approximately 1.4 miles to the northeast along Magnolia Avenue. The former well site was at the CVS Pharmacy located at 8280 Magnolia Avenue. The new site is on an unused portion of the parking lot at the Magnolia Presbyterian church located at 7200 Magnolia Avenue. Figure 1 shows the new site location in relation to the FEIR's version. The new site was selected using improved ground water basin subterranean information.

Second, the alignment and length of the pipeline would change. As analyzed in the FEIR, a 4-mile pipeline constructed in public streets would extend from Well AD-7 to the southwest where it would connect directly into other non-potable supply pipelines for WMWD's Arlington Desalter facility. As modified, the proposed pipeline would be much shorter – approximately 0.48 miles in length. It would run underground in the rights-of-way of Magnolia Avenue for a short distance and then in lightly used Hoover Street for the remainder of the distance and discharge directly into the existing Riverside Canal (see Figure 2). The discharged flows will be conveyed by gravity (not pumped) through the existing Riverside Canal to WMWD's existing non-potable water system. Flows will be collected from the canal by WMWD's existing Jefferson Street Pump Station, conveyed into WMWD's existing non-potable water system to supplement less abundant recycled water in lieu of imported Colorado River water for direct distribution to retail water users in WMWD's Riverside service area. Additionally, portions of the groundwater received through the existing canal and non-potable system, based on seasonal availability, would be conveyed through existing infrastructure to WMWD's existing recharge basins making them available for extraction at the Arlington Desalter facilities.

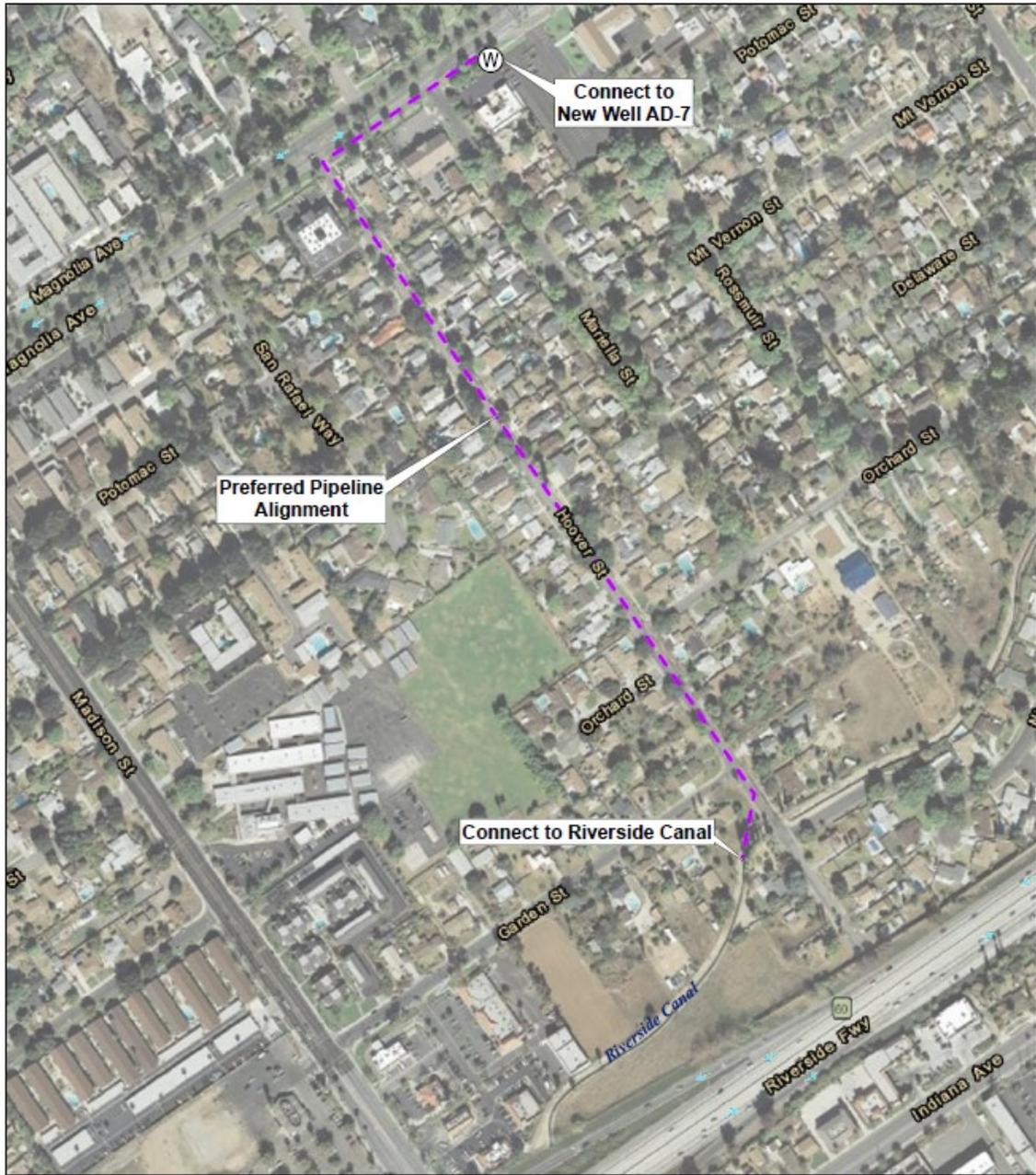
The modifications described herein are not only less impactful because of the shorter pipeline distance and the use of existing infrastructure (some of which do not require energy for conveyance), the local non-potable water can be put to beneficial use both at the Arlington Desalter and it can be used to reduce direct dependence on the significantly challenged Colorado River system. This is in line with the purpose of the SARCUUP project, a watershed-scale collaborative program, because the Well 7 Project will enhance the Santa Ana River watershed's water supply resiliency and reliability by increasing available dry-year yield from the local groundwater basin, one of the program objectives. SARCUUP consists of multiple projects that address one or more of the following main program elements: 1) Conjunctive Use Program for the watershed; 2) Invasive weed removal and habitat creation/restoration; and 3) Water use efficiency and water conservation measures. "Conjunctive use" refers to coordinating the management of surface water and groundwater to improve the overall reliability of water supply (Pacific Institute, 2011).



WMWD Well 7 Equipping and Pipeline Project
Figure 1
 EIR Well 7 Alternatives



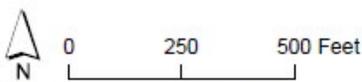
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WMWD Well 7 Equipping and Pipeline Project

Figure 2

Detail – Preferred Well Location and Pipeline Alignment



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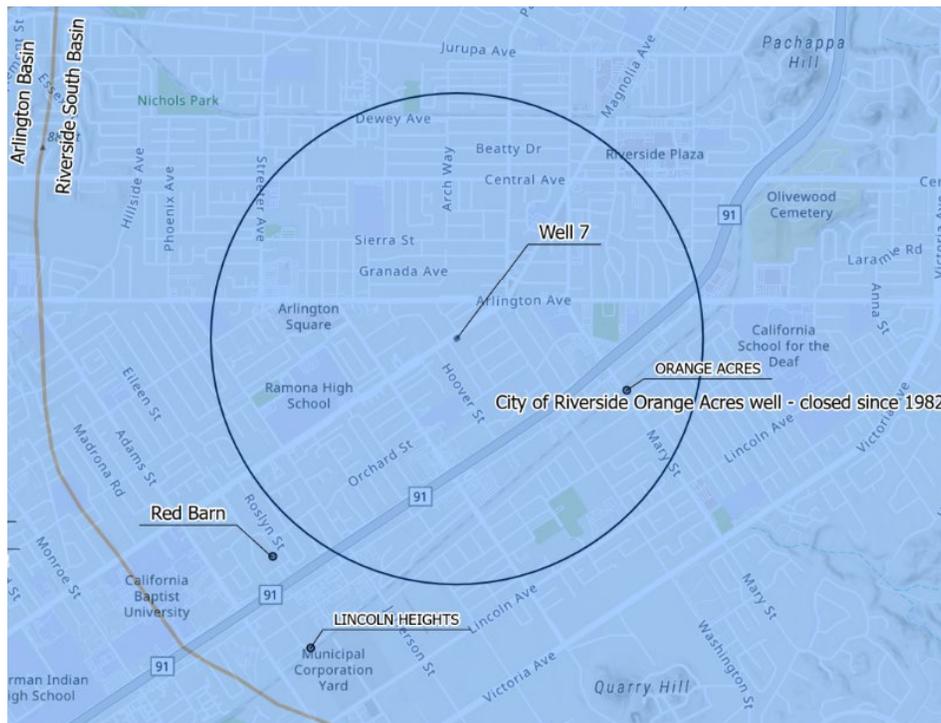


3. Changes to the Impact Analysis

WMWD has determined that the proposed changes to the project are minor technical changes in nature and will not substantially change the analysis or the determination of significance in the FEIR. A detailed CEQA Environmental Checklist has been prepared and is attached to support this addendum.

WMWD has conducted exploratory drilling at the proposed new location to confirm all subterranean geotechnical site conditions, the productive capacity of the proposed well, and that the level of impacts on other nearby ground water pumpers will be minimal, all consistent with the project's parameters as described in the FEIR. Groundwater would still be withdrawn from the Riverside-Arlington Groundwater Basin as described in the FEIR (see, FEIR, p. ES-5, 3-3) and as confirmed by Thomas Harder & Company (see attached letter).

The FEIR states at p. 4.9-24 that the original site of Well 7 is in the "Arlington Subbasin." However, the State of California's Bulletin 118 identifies the Riverside-Arlington Groundwater Basin as a single groundwater basin, which is also noted on the Harder letter. All the well sites proposed in the FEIR lie within the Riverside-Arlington Groundwater Basin, and the relocated site similarly does too. With respect to the original location of Well 7, the FEIR concludes that there would be no significant impacts to hydrology related to groundwater resources because WMWD has responsibility to ensure groundwater levels do not decrease to levels that would interfere with other pumpers. (FEIR, p. 4.9-24). WMWD's responsibility remains the same with respect to the proposed new location of the well, so the impacts remain less than significant. According to records, there are no potable (drinking) or non-potable wells of significance that are active around the new Well 7 location. The following image shows that there are no wells within 1/2-mile of the new Well 7 location and only one abandoned well within one mile (see drawn radius).



The FEIR also concluded there would be no significant impacts related to groundwater levels because the original site of Well 7 was subject to a Groundwater Sustainability Plan (“GSP”) and compliance with the GSP would ensure that the Project would not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. (FEIR, p. 4.9-24.) This was stated incorrectly in the FEIR. None of the Well 7 sites are subject to a GSP. All of the Well 7 sites are subject to the 1969 Stipulated Judgment in ***Western Municipal Water District et al. v. East San Bernardino County Water District*** (Riverside County Superior Court Case No. 78426)(hereinafter “Western-San Bernardino Judgment” or “Judgment”). The Judgment imposes replenishment obligations on WMWD that ensure that water levels in the Basin are not substantially depleted. Notably, the Judgment defines specific extraction rights for Plaintiffs (City of Riverside, Meeks & Daley, Riverside Highland, University of California) within the San Bernardino Basin Area, but does not define specific water rights for any users in the Riverside-Arlington Groundwater Basin – the location of the proposed Well 7. Instead, as described in greater detail below, when total extractions exceed 20% of the base period annual average extraction, WMWD may be required to provide replenishment.

The Western San Bernardino Judgment is a component of a larger Settlement on the Santa Ana River – *Orange County Water District v. City of Chino et al* (Settlement). This litigation initially included more than 4,000 users in the watershed. The four public water districts overlying substantially all of the major areas of water use in the watershed, Chino Basin Water District (now Inland Empire Utilities Agency), Orange County Water District, San Bernardino Valley Municipal Water District and Western Municipal Water District agreed to take on various obligations to remove the need for including so many parties.

Western’s obligations under the Settlement relative to the Riverside-Arlington Groundwater Basin are two-fold:

1.) Ensure that the obligation of San Bernardino Valley Water District under the Settlement – an average annual Adjusted Base Flow of 15,250 acre-feet of water reaches the Riverside Narrows and ultimately the Prado Basin – is not impeded by groundwater extractions in the area between the Bunker Hill Dike and the Riverside Narrows (underlined terms are from the court documents), effectively that area within the Riverside-Arlington Groundwater Basin; and,

2.) Provide replenishment water in the event that an annual extraction in the same area between the Bunker Hill Dike and the Riverside Narrows exceeds 20% of the base period annual average extraction.

However, the replenishment obligations do not apply during times that amounts of base flow at the Riverside Narrows are sufficient to satisfy the obligation of San Bernardino Valley under the Orange County Settlement (see Judgment Paragraph XI.3.d). The following table from the Santa Ana River Watermaster Annual Report shows that flows at Riverside Narrows over that last 12 years have more than satisfied the obligation.

**SUMMARY OF FINDINGS
AT RIVERSIDE NARROWS**

Water Year	Rainfall (in) ⁽¹⁾	USGS Measured Flow (ac-ft)	Total Flow (ac-ft) ⁽²⁾	Base Flow (ac-ft) ⁽³⁾	Weighted TDS (mg/L) ⁽⁴⁾	Adjusted Base Flow (ac-ft)	Cumulative Credit (ac-ft) ⁽⁵⁾
2011-12	9.01	45,049	45,049	42,641	664	42,641	1,249,024
2012-13	9.53	41,337	41,337	36,407	662	36,407	1,270,181
2013-14	12.42	42,766	42,766	32,313	646	32,313	1,287,244
2014-15	11.09	41,958	41,958	28,302	630	28,302	1,300,296
2015-16	8.84	41,007	41,007	30,877	635	30,877	1,315,923
2016-17	21.57	83,601	83,601	36,090	650	36,090	1,336,763
2017-18	6.81	34,792	34,792	28,378	662	28,378	1,349,891
2018-19	19.85	97,063	97,063	36,604	652	36,604	1,371,245
2019-20	12.74	56,622	56,622	32,096	627	32,096	1,388,091
2020-21	8.19	39,311	39,311	31,099	623	31,099	1,403,940
2021-22	10.99	39,021	39,021	24,122	634	24,122	1,412,812
2022-23	25.72	111,626	111,626	32,610	601	32,610	1,430,172

The responsibilities and requirements imposed in the Stipulated Judgment on WMWD will ensure no significant impacts to groundwater resources will result from Well 7 in the new proposed location so impacts remain less than significant.

Similarly, the changed alignment and length will not result in any changes to the FEIR’s impacts analysis and less than significant impacts determination. The proposed new route followed for the ground water from the well to the desalter facility will be more circuitous, but it will utilize existing facilities. This reduced-length pipeline will result in a significantly reduced environmental footprint by efficiently utilizing existing facilities, thereby reducing construction-related impacts compared to the original project. The amount of time and environmental effects associated with the roadway disturbance (e.g., construction noise, traffic flow disruptions, etc.) will be reduced due to the shorter length of pipeline, as well as reducing the length of time that traffic flow is disturbed on Magnolia Avenue, which is a principal arterial.

In considering the benefits of the proposed modifications to Well AD-7, it is important to note that Well 7 will produce between 1,000 and 2,000 Acre-Feet (“AF”) of water per year at the most. According to WMWD’s demand forecasts, the maximum capacity of Well 7 represents roughly 50% of customer demand for non-potable water. This non-potable water comes from multiple additional sources, recycled water of which there is limited supply and the Colorado River where the availability of supply is currently being challenged by the Federal Government, the seven states and Native American Tribes that draw water from the river. It is clear reliance on the Colorado River is tenuous at best. Mandated reductions on imported water are in our future. A loss of up to 50% percent of the supply is life changing for our region. Development of the local Well 7 supply is critical to the long-term survivability of potable customers – residents for example, and non-potable customers – trees, shrubs, and fields at schools and parks, agriculture, and plant nurseries for example.

The SARCCUP program was created to ensure sustainability of the region’s water supplies. Partnering agencies are creating a network of recharge, storage, extraction, and conveyance facilities designed to support a cooperative, interagency water management program in the watershed. The partner agencies currently rely significantly on water imported from the Sacramento-San Joaquin Bay Delta and the Colorado River Aqueduct to meet customer demands within their service areas. The curtailment of imported supplies due to natural or

manmade interruptions has the potential to profoundly impact water supply reliability in the Santa Ana River watershed.

As with the originally proposed Well 7, WMWD has flexibility to use the water pumped from the modified Well 7 for potable or non-potable uses. For example, the water could be delivered through the existing Riverside Canal through WMWD's existing facilities and be used to recharge WMWD's existing Victoria Recharge basin around the existing Arlington Desalter Facility that produces potable water. The water could also be delivered from the Riverside Canal through WMWD's existing facilities in lieu of imported Colorado River water or possibly as a substitute source instead of potable water that is currently being used to water the grounds of existing facilities, thereby freeing up that potable water for other uses. In this way, the water extracted will be more readily available for direct re-use as non-potable water within WMWD's existing service area for those customers able to use it but currently are using potable water. This will improve the availability of potable water for all potable water purposes.

As explained in the FEIR, the SARCCUP project's purposes included building a resilient water supply, ensuring sustainability of the region's groundwater supplies, and ensuring cooperative interagency water management. (FEIR, p . ES-2.) The SARCCUP project's objectives include increasing dry year yield from local groundwater basins to offset future reductions in water supply and improving habitat for native species. The proposed minor modification to the location of Well 7 fit within these purposes and objective because:

- As with the original project, the modified project would reduce the Inland Empire's dependence on imported water;
- Increased availability of non-potable water directly increases the availability of potable water produced locally by the Inland Empire's various water treatment facilities that produce potable water from non-potable sources;
- Supplying local customers with locally sourced water is substantially less energy intensive than water sourced from hundreds of miles away, with correspondingly less impact on the environment; and
- Increasing the amounts of locally sourced water, either potable or non-potable, that is usable for either type of consumption correspondingly increases the availability of water available for discharge to the Santa Ana River for wildlife benefits by habitat maintenance.

The FEIR adequately addresses the potential impacts of the project as modified and provides appropriate mitigation to reduce the level of effects to less than significant or for some of these elements there would be no adverse effect.

4. Decision Not to Prepare a Subsequent EIR

Under Public Resources Code section 21166 and CEQA Guidelines section 15162, once an EIR has been certified for a project, no subsequent EIR shall be prepared unless: (1) there are substantial changes to the project that will require major revisions to the certified EIR; (2) substantial changes to the circumstances under which the project will be undertaken have occurred that will require major revisions to the certified EIR; or (3) there is substantially

important new information, that was not known and could not have been known with the exercise of reasonable diligence, showing that there would new or more severe significant effects or that there are new feasible mitigation measures or alternatives that would reduce any identified significant effects.

As explained above and in the accompanying checklist, none of these situations have occurred here and only minor or technical changes are necessary. Therefore, under CEQA Guidelines section 15164, an addendum is the appropriate CEQA document for the modified Well-7 project.

The affected environment is basically the same for the new location of the well/pump station and pipeline as compared to the original location and the project elements are the same including drawing groundwater from the same DWR Bulletin 118 identified groundwater basin—the Riverside-Arlington Basin. The location is only slightly changed – moved approximately 1.4 miles away. Thus, the environmental impact analysis is applicable to the new location as conditions are the same. The project also results in a reduction in several environmental effects due to the shorter pipeline alignment as described above. In addition, the changes in the immediate use of the groundwater (non-potable and potable) still meet the purposes of the project as described in the SARCCUP FEIR.

5. Conclusion

Overall, the proposed changes will result in a reduced level of environmental impact compared to the alternatives in the FEIR and will not result in any new significant impacts or substantially increase the severity of previously identified impacts. The updated project would not change the conclusions in the certified FEIR.

After consideration of the FEIR, the attached environmental checklist and hydrogeology letter memo, and this addendum, WMWD has determined that there are no changed circumstances or new information that meets the standard for further environmental analysis under CEQA Guidelines Section 15162.

January 16, 2024

Mr. Doug McCartney
Western Municipal Water District
14205 Meridian Parkway
Riverside, California 92518

Re: Clarification of Groundwater Basin in Which Well 7 Was Constructed

Dear Mr. McCartney,

As per your request, the purpose of this letter is to clarify the groundwater basin in which Western Municipal Water District's (WMWD's) new Well 7 has been constructed. Well 7 was drilled and constructed between April and June 2023 at the northwest corner of the Magnolia Presbyterian Church parking lot near the intersection of Magnolia Avenue and Arlington Avenue in Riverside, California (see Figures 1 and 2). The well is located within the Riverside-Arlington Groundwater Basin as defined by the Department of Water Resources (DWR) California's Groundwater: Bulletin 118¹. Groundwater pumped from Well 7 will be from the Riverside-Arlington Groundwater Basin.

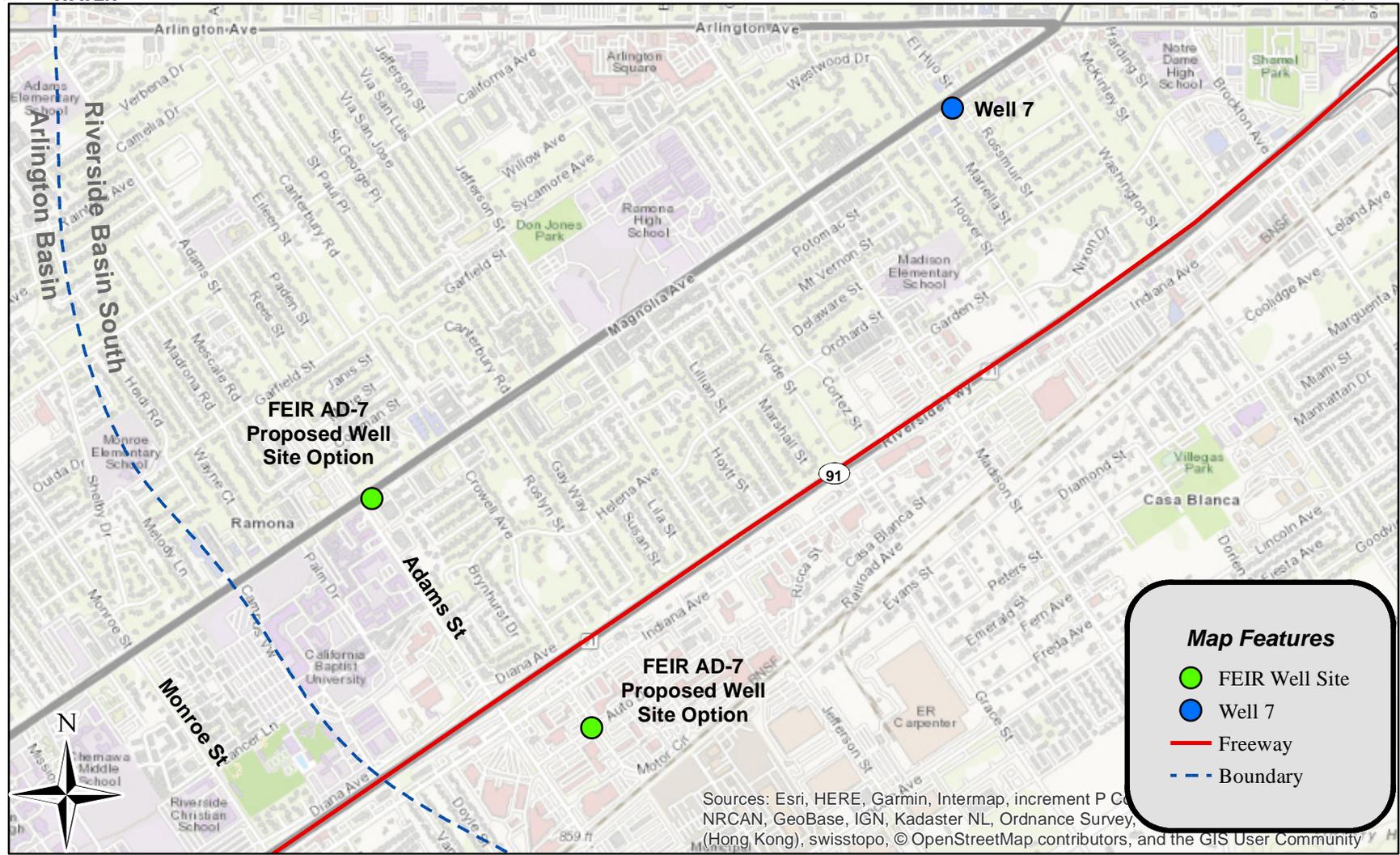
If you have any questions, don't hesitate to contact me at (714) 779-3875.

Sincerely,



Thomas Harder, P.G., C.HG.
Principal Hydrogeologist

¹ DWR, 2004. *California's Groundwater: Bulletin 118, Upper Santa Ana Valley Groundwater Basin, Riverside-Arlington Basin.*



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri, DeLorme, NAVTEQ, Swisstopo, (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community



ENVIRONMENTAL CHECKLIST

This checklist has been prepared to support an addendum to the 2019 Final Environmental Impact Report (FEIR) for the Santa Ana River Conservation and Conjunctive Use Project (SARCCUP) Joint Projects (State Clearing House No. 2016101079).

- 1. Project Title:** Well No.7 Equipping, Pump Station, and Discharge Pipeline Project
- 2. Lead Agency Name and Address:** Western Municipal Water District (WMWD)
14205 Meridian Parkway
Riverside, California 92518
- 3. Contact Person, Phone Number, and Email:** Douglas McCartney
Senior Engineer
951.571.7286
dmccartney@wmwd.com
- 4. Project Location:** The project is located in the Old Magnolia Neighborhood Conservation Area. The pump station address is 7200 Magnolia Avenue, Riverside California.
- 5. Project Sponsor's Name and Address:** Western Municipal Water District
14205 Meridian Parkway
Riverside, California 92501
- 6. General Plan Designation:** Mixed Use Village (MU-V) and Medium Density Residential (MDR)
- 7. Zoning:** Public Rights-of-Way adjacent to R-1-7000 – Single Family Residential, and O – Office

8. Description of Project:

The project is part of the Santa Ana River Conservation and Conjunctive Use Program, which is a multi-agency watershed-scale program where parties collaborate in the exploration, analysis, and implementation of one or more projects concerning large-scale, regional water supply reliability that would provide benefits to the entire Santa Ana River Watershed. The

purpose of the SARCCUP is to develop a regional conjunctive use program that would create storage capacity to provide new local water supplies during dry years that would supplement imported water supplies during a drought for up to three years. Once operational, Well No. 7 will augment WMWD's non-potable water system and will increase its local groundwater supplies to more than approximately 50% of WMWD's current annual delivery of non-potable water.

The project involves drilling a new well, constructing a 400 square foot pump house building over the well, and constructing a 2,600-foot, 8-inch pipeline. The well pump will be housed in a concrete masonry block wall building with a pitched roof, which will fit within a 20 ft x 20 ft structure. The well and pump station will be located on the northwest corner of the former parking lot (this area has been recently disturbed removing the asphalt paving and is currently unused) of the Magnolia United Presbyterian Church. The pipeline will run within road right-of-ways first travelling from the church to the southwest along the south side of Magnolia Avenue to Hoover Street where it will turn south and traverse to the Riverside Canal where it will discharge the water. Electricity to serve the facility is available to WMWD.

9. Surrounding Land Use and Setting:

The Magnolia United Presbyterian Church is the location for the pump station. The church is a California-designated historic landmark. The portion of the church property proposed for the pump station would be located on the extreme northwest corner of the church's former parking lot. Land uses along the pipeline alignment are mostly single-family residences, with several offices/businesses and multi-family residences located along Magnolia Avenue.

10. Other Public Agencies Whose Approval is Anticipated to be Required (e.g., permits, financial approval, or participation agreement):

Approvals would be required from Riverside Public Utilities and Riverside Building & Safety.

Acronyms

AQMP	Air Quality Management Plan
Cal	California
CBC	California Building Code
EIR	Environmental Impact Report
GHG	Greenhouse Gas
GIS	Geographic Information System
IDP	Inadvertent Discovery Plan
LOS	Level of Service
MDR	Medium Density Residential
MR	Mineral Resource
MSHCP	Western Riverside County Multiple Species Habitat Conservation Plan
MU-V	Mixed Use Village
NAHC	Native American Heritage Commission
O	Office
OSHA	Occupational Safety and Health
PFEIS	Program Final Environmental Impact Report
PRC	Public Resources Code
R	Residential
SARCCUP	Santa Ana River Conservation and Conjunctive Use Project
V/C	Volume to Capacity
WMWD	Western Municipal Water District

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 that follows.

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture and forestry resources | <input type="checkbox"/> Air quality |
| <input type="checkbox"/> Biological resources | <input checked="" type="checkbox"/> Cultural resources | <input type="checkbox"/> Geology/soils |
| <input type="checkbox"/> Greenhouse gas emissions | <input type="checkbox"/> Hazards and hazardous materials | <input type="checkbox"/> Hydrology/water quality |
| <input type="checkbox"/> Land use/planning | <input type="checkbox"/> Mineral resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population/housing | <input type="checkbox"/> Public services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation/traffic | <input type="checkbox"/> Utilities/service systems | <input type="checkbox"/> Mandatory findings of significance |

DETERMINATION (to be completed by the lead agency):

On the basis of this initial evaluation, which reflects the independent judgment of WMWD, it is recommended that:

WMWD finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

WMWD finds 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.

WMWD finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT (EIR) is required.

WMWD finds 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 EIR is required, but it must analyze only the effects that remain to be addressed.

WMWD finds that although the proposed project could have a significant effect on the environment, because all potentially significant effects (1) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (2) 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.

David Evans and Associates, Inc.

Signature 
AICP #011567

Date 10/23/2023

Evaluation of Environmental Impacts

The SARCCUP Final EIR (ESA 2019) determined that the Well No. 7 project would have either no impact or have impacts that were less than significant. The project evaluated in that FEIR has been revised by relocating the pump station and realigning and shortening the pipeline. The addendum to the FEIR describes those changes. Similar to the findings in the FEIR, the revised project would result in either no impact or less than significant impacts to the various environmental elements, which are described in more detail below.

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less-Than-Significant Impact	No Impact
1. Aesthetics – Would the project:				
a. Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Riverside 2025 General Plan Open Space and Conservation Element) The project would not block any views as the pump station is one story and the remainder of the project would be located underground. The project area is not designated by the City as a scenic vista or viewshed.				
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"/>
Response (Source: Proposed Project, Caltrans List of Scenic Highways) The project is not located within a State Scenic Highway (Caltrans 2023).				
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Sources: Riverside 2025 General Plan, Riverside Zoning Code) The pump station would slightly change the view of the area around the Magnolia United Presbyterian Church. The location of the pump station building would be off to the side of the church in the parking lot and have landscaping around it to soften the view of the facility. The facility is located in an area of residences, offices, and church buildings and is not out of character with the surrounding land uses and is a permitted use within the zoning classification. The project would undergo City design review during permitting in compliance with the General Plan's goals and policies for compatibility. The project would not degrade the visual character and there would be a less than significant impact .				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not add any new light source and the masonry building would not produce any glare.				
2. Agriculture and Forestry Resources – Would the project:				
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 Department 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 forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless 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"/>
Response (Source: Proposed Project) The project would have no effect on agriculture as the project area is highly urbanized.				
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"/>
Response (Source: Proposed Project) The project would have no effect on agriculture as the project area is highly urbanized.				
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in California Public Resources Code Section 12220(g)), timberland (as defined by California 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"/>
Response (Source: Proposed Project) The project would have no effect on forestry resources.				
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"/>
Response (Source: Proposed Project) The project would have no effect on forestry resources.				
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"/>
Response (Source: Proposed Project) The project would have no effect on agriculture or forestry resources.				
3. Air Quality – Would the project:				
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.				
a. Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Sources: South Coast Air Quality Management District Air Quality Management Plan 2022, Riverside 2025 General Plan PFEIR) The City is located within the Riverside County subregion of the South Coast Air Basin Air Quality Management Plan (AQMP 2022). The City's 2025 General Plan Program Final EIR (PFEIR 2007) determined that it would generally meet the forecasts for air quality attainment and be consistent with the AQMP. Since the project would not conflict with air quality policies in the General Plan, the project would not cause a violation of an air quality standard.				
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not result in the violation of any ambient air quality standard or contribute substantially to an existing or projected air quality violation as the project is proposed in a developed area and does not involve significant earth disturbance, grading, or construction emissions. During construction off-road diesel-powered construction equipment greater than 50 horsepower shall meet Tier 3 emission standards at a minimum and Tier 4 where available. Once completed the project would not produce any air emissions.				
c. 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				
Response (Source: Riverside 2025 General Plan PFEIR) Since the project is consistent with the Riverside General Plan and cumulative impacts were considered in the PFEIR for the buildout considered in the plan and the project would not result in any significant changes to the land uses that were previously considered in the plan, there would be no cumulative project effects on any air quality standard.				
d. Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Proposed Project) Sensitive receptors include residences and a church, which are located near the project. The only air quality effects would be short-term releases of dust and exhaust emissions during construction. However, there would be minimal emissions as the project does not involve substantial earth disturbance or construction. Once completed there would no further emissions. Thus the project would have a less than significant impact .				
e. Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Proposed Project) There would be some short-term odor (approximately one hour) caused by repaving the cut in the road right-of-way for the pipeline with asphalt. The revision to the project (see Well No. 7 addendum) would considerably reduce the length of the pipeline (from approximately 4 miles to approximately ½ mile) minimizing the number of people exposed to the odor, which would not constitute a substantial number of people. Thus, the project would have a less than significant impact .				
4. Biological Resources – Would the project:				
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 Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not adversely affect any threatened or endangered species since it does not modify any natural habitat or adversely affect any sensitive species.				
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Western Riverside County Multiple Species Habitat Conservation Plan) The entire project is located in an urbanized area and does not serve as a wildlife corridor or adversely affect any riparian habitat.				
c. Have a substantial adverse effect on 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Sources: Riverside GIS Wetland Map Layer, NWI Wetland Mapper) No wetlands would be affected by the project. All construction would be on developed areas.				
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not interfere with the movement of wildlife species or fish species.				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
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 type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not conflict with any local policies protecting biological resources.				
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Western Riverside County Multiple Species Habitat Conservation Plan) The project would not conflict with any adopted Habitat or Natural Community Conservation Plan or other local habitat conservation plan.				
5. Cultural Resources – Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Sources: Riverside Historic Resources Inventory GIS map) The Magnolia United Presbyterian Church is a designated California historic landmark (Number 4) and the oldest existing church building in Riverside. It is located within the City's Old Magnolia Avenue Neighborhood Conservation Area (it is not a historic district, but with resources of lesser significance or lesser concentration of resources). The project would not alter the existing structure in any way. There are several parking areas on the property, but the pump station would be located on a corner of the former parking lot away from the church itself. This parking area has recently been disturbed with the asphalt removed and is currently vacant. The former parking lot is physically separate from the church (located west of the church buildings). The pump station would not cause a substantial adverse change in the significance of the historic resource. The former parking area is not an original feature of the historic church property and has recently been torn up. It is therefore not considered to be a contributing element of the church property. The only effect on the property is a slight aesthetic change, which can be mitigated with required landscaping around the pump station. The project would have a less than significant impact .				
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Riverside General Plan PFEIR Figure 5.5-1 – Archaeological Sensitivity) According to Figure 5.5-1 of the Riverside General Plan PFEIR, the archaeological sensitivity of the project area is unknown and there are no known archaeological sites where disturbance would occur. The project requires minimal land disturbance; however, it is possible that excavation for the pump station foundation and pipeline could uncover unknown archaeological resources. The SARCCUP EIR provides detailed mitigation measures for archaeological resources. These are provided as listed in the EIR in Attachment A. With implementation of the Attachment A mitigation measures the project would have a less than significant impact on cultural resources.				
c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Riverside General Plan PFEIR Figure 5.5-2 - Prehistoric Cultural Resources Sensitivity) Figure 5.5-2 of the Riverside General Plan PFEIR shows that the project area's paleontological sensitivity is unknown. Similar to the response above, the project could disturb unknown paleontological resources during construction. The SARCCUP EIR provides detailed mitigation measures for paleontological resources. Attachment B provides detailed mitigation measures from the SARCCUP EIR and with those mitigation measures the project would have a less than significant impact on paleontological resources.				
d. Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Response (Sources: Riverside General Plan PFEIR Figure 5.5.1 - Archaeological Sensitivity and Figure 5.5.2 - Prehistoric Cultural Resources Sensitivity, California Public Resources Code (PRC) 5097.98, California Health and Safety Code, Sections 7050.5, 7051, 5052, and 7054):				
<p>The project site is not known to be a formal or informal cemetery. The project area is fully developed with existing residential, offices, and a church. It is unlikely that human remains are present. In the unlikely event that human remains are discovered, all work within 100 feet of the find shall be immediately halted and the county coroner will be notified. If the County Coroner determines that the remains are Native American, the City shall contact the California Native America Heritage Commission (NAHC), in accordance with Health and Safety Code Section 7050.5, subdivision (c), and PRC 5097.98 (as amended by AB 2641). PRC 5097.8 addresses the disposition of Native American burials in archaeological sites and protects such remains from disturbance, vandalism, or inadvertent destruction; as well as establishing procedures to be implemented if Native American skeletal remains are discovered during construction of a project. The California Health and Safety Code Sections 7050.5, 7051, 5052, and 7054 collectively address the illegality of interference with human burial remains, as well as the disposition of Native America burials in archaeological sites. The project would comply with these codes and result in a less than significant impact on human remains.</p>				
6. Geology and Soils – Would the project:				
a. Expose people or structures to 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"/>
Response (Source: Riverside General Plan PFEIR Figure 5.6-2 – Faults and Fault Zones) The project site is not within the Alquist-Priolo Earthquake Fault Zone. However, there are several fault zones and fault lines outside the city limits (the Elsinore Fault is approximately 10 miles away to the south and County Fault is located approximately 14 miles to the north). Since the site is not within a fault hazard zone and the pump station building would meet California Building Code (CBC) Standards, the project would have a less than significant impact .				
ii. Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Riverside General Plan PFEIR Figure 5.6-2 – Faults and Fault Zones) The project site is in relative proximity (within 10-14 miles) to known active or potentially active faults thus the project site could be subjected to significant ground shaking caused by earthquakes. Proper engineering design and installation of the pump station and pipeline in conformance with California Building Code (CBC) standards would ensure that seismic ground shaking will result in a less than significant impact .				
iii. Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Sources: Riverside General Plan PFEIR Figure 5.6-2 – Faults and Fault Zones and Figure 5.6-3 – Generalized Liquefaction Zones) As described above the project site is located fairly close to known faults. Figure 5.6-3 of the Riverside General Plan PFEIR shows the project site is located in a moderate liquefaction zone. Impacts related to ground failure such as from liquefaction are anticipated to be a less than significant impact due to the project adhering to the prescribed standards in the CBC.				
iv. Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.2.6a.iv. Response (Sources: Riverside General Plan PFEIR Figure 5.6-1 – Areas Underlain by Steep Slopes, USGS Riverside West California Quad Map) According to Figure 5.6-1 of the Riverside General Plan PFEIR, the project area is located in an area having 0% to 10% slope and the Riverside West Quad Map shows that the project area is basically flat. Landslide areas are associated with slopes of 30% or more (PFEIR 2017). The project would not result in any changes to the existing ground elevation resulting in steeper slopes. Therefore, the project would have a less than significant impact .				
b. Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Sources: Riverside General Plan PFEIR Figure 5.6-1 – Areas Underlain by Steep Slopes, USGS Riverside West California Quad Map) The project site is basically flat as shown on the quad map. Project construction would result in soil disturbance with the potential to cause soil erosion from wind or rain. However, the potential for erosion would be				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
limited by the flat ground and minor soil disturbance. In addition, the project would implement Best Management Practices to control stormwater runoff and dust generation, which the City would prescribe during the permit review process. Thus, the project would have a less than significant impact .				
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"/>
Response (Sources: Riverside General Plan PFEIR Figures 5.6-1 – Areas Underlain by Steep Slopes, 5.6-2 – Faults and Fault Zones, 5.6-3 – Generalized Liquefaction Zones, and 5.6-5 Soils - With High Shrink-Swell Potential) As stated above the project is not located in a steep slope area and Figure 5.6-5 shows the project is not located on soils with a high shrink-swell potential. The project has moderate potential for liquefaction and there are faults in the general vicinity. However, the project would not result in soil instability, as installation and operation of the proposed pump station and pipeline would not require significant grading or earthmoving activities. Limited trenching would be required for the pipeline and would not cause soil instability. Therefore, the project site is not considered to be susceptible or located on a site that is unstable and the project would comply with CBC regulations. Thus, the project would have a less than significant impact .				
d. 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"/>
Response (Source: Riverside General Plan PFEIR Figure 5.6-5 – Soils With High Shrink-Swell Potential) Figure 5.6-5 of the Riverside General Plan PFEIR shows that the project is not located in an area with soils having a high shrink-swell potential, thus reducing the potential for the project being located on expansive soils. As such, the project would have a less than significant impact .				
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"/>
Response (Source: Proposed Project) The project would not require the use of a septic tank or other waste water disposal since no wastewater would be generated by the project.				
7. Greenhouse Gas Emissions – Would the project:				
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"/>
Response (Source: Proposed Project): The project would produce minimal GHG emissions that would occur only for a short time during the construction phase (operationally, the project would not produce any air emissions). The revised project would cut down on the amount of GHG emissions during construction due to the pipeline length being reduced from approximately 4 miles to ½ mile (see Addendum). Therefore, the project will have a less-than-significant impact on GHG emissions.				
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 checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Proposed Project) As stated above, the project is not anticipated to produce an excessive amount of GHG emissions due to the short construction schedule and limited amount of construction. As such, the project would have a less than significant impact on GHG emissions and not be in conflict with relevant plans, policies, or regulations.				
8. Hazards and Hazardous Emissions – Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Sources: Proposed Project, Cal/OSHA): Project construction may include refueling and minor maintenance of construction equipment on-site, which could lead to minor fuel and oil spills. The use and handling of hazardous materials during construction would occur in accordance with applicable federal, state, and local laws, including California Division of Occupational Safety and Health (Cal/OSHA) requirements. The contractor would be required to have materials on the site				

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of any fueling operation for cleaning up spills. Any minor spills of fuel or oil would be a less than significant impact .				
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Riverside 2025 General Plan Public Safety Element) The proposed project would comply with the policies set forth in the Public Safety Element of the City's 2025 General Plan related to hazardous materials, as well as Cal/OSHA requirements. Also see discussion above in Section a.				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Riverside Unified School District Boundaries) Reviewing the boundary maps there are a number of schools in the project area that are within ¼ mile of the project, and the church operates Sunday school for children. However, in the event of a minor spill of fuel or oil during construction refueling or maintenance, the contractor would be required to have materials on the site for quickly cleaning up spills. In addition, construction fencing would be installed around the pump station during construction to protect any children from entering the main construction area.				
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"/>
Response (Sources: Riverside General Plan PFEIR Figures 5.7-1 – Hazardous Waste Sites) Per EPAs UST Finder, there are no hazardous material sites located on the project site. The nearest site to the pump station (a leaking underground storage tank) is located on Madison Street approximately 0.56 miles away and is 0.22 miles away from the proposed pipeline.				
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"/>
Response (Source: Riverside General Plan PFEIR Figure 5.9-8 – Airport Safety and Compatibility Zones) Part of the project site is located within the Compatibility Zone "Other Airport Environs" of the Riverside Municipal Airport. Only uses that would be hazards to flight (such as tall structures) are prohibited within this zone. The project would not generate any additional residents or employees in the project area. Therefore, the project will have no impact on safety hazards associated with airport uses.				
f. For a project within the vicinity of a private airstrip, 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"/>
Response (Source: Riverside General Plan PFEIR Figure 5.9-8 – Airport Safety and Compatibility Zones) There are no private airstrips in the project vicinity; therefore, the proposed project would not result in a safety hazard for people residing or working in the project area.				
g. 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"/>
Response (Sources: Riverside General Plan PFEIR Chapter 5.7 – Hazards and Hazardous Materials) The proposed project shall comply with the City's Emergency Operations Plan. The project would result in minimal physical alterations to the project site and as such would have no impact on the implementation of an adopted emergency plan.				
h. Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>Response (Source: Riverside General Plan PFEIR Figure 5.7-3 – Fire Hazard Areas) According to Figure 5.7-3 of the Riverside General Plan PFEIR, the project site is not within a fire hazard area. Additionally, the project site would occur within a developed area. Therefore, the risk of a large, high-intensity fire impacting the site is very low. The project will have a less-than-significant impact from wildfires.</p>				
<p>9. Hydrology and Water Quality – Would the project:</p>				
<p>a. Violate any water quality standards or waste discharge requirements?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Proposed Project) The project would result in few physical alterations to the project site (including earthmoving activities, paving, or building construction) so there would be minimal chance of sedimentation occurring during construction. Operations would send groundwater directly to the Riverside Canal, but this would not adversely affect water quality or be subject to water quality standards or waste discharge requirements.</p>				
<p>b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Response (Sources: Riverside 2025 General Plan Figure PF 1.1 – Waterbasins Groundwater Recharge Areas, Riverside County Superior Court Case No. 78426, WMWD 2020 Urban Water Management Plan) The purpose of the project is to extract groundwater to provide water capacity storage in the Santa Ana Watershed. Groundwater would be extracted from the Riverside-Arlington Groundwater Basin area (<i>Note: The proposed change in the location of the pump station does not change the source of the groundwater – it would still pump groundwater from the Riverside-Arlington Basin</i>). WMWD has conducted exploratory drilling at the proposed new location to confirm all subterranean geotechnical site conditions, the productive capacity of the proposed well, and that the level of impacts on other nearby ground water pumpers will be minimal, all consistent with the project’s parameters as described in the FEIR. Groundwater would still be withdrawn from the Riverside-Arlington Groundwater Basin as described in the FEIR (see, FEIR, p. ES-5, 3-3) and as confirmed by Thomas Harder & Company (see attached letter).</p>				
<p>The FEIR states at p. 4.9-24 that the original site of Well 7 is located in the “Arlington Subbasin.” However, the State of California’s Bulletin 118 identifies the Riverside-Arlington Groundwater Basin as a single groundwater basin, which is also noted on the Harder letter. All the well 7 sites proposed in the FEIR lie within the Riverside-Arlington Groundwater Basin, and the relocated site similarly does too. With respect to the original location of Well 7, the FEIR concludes that there would be no significant impacts to hydrology related to groundwater resources because WMWD has responsibility to ensure groundwater levels do not decrease to levels that would interfere with other pumpers. (FEIR, p. 4.9-24). WMWD’s responsibility remains the same with respect to the proposed new location of the well, so the impacts remain less than significant. The FEIR also concluded there would be no significant impacts related to groundwater because the original site of Well 7 was subject to a Groundwater Sustainability Plan (“GSP”). (FEIR, p. 4.9-24.) This was stated incorrectly in the FEIR. None of the Well 7 sites are subject to a GSP. Although the proposed new location of Well 7 is not subject to a GSP, it is subject to the 1969 Stipulated Judgment in <i>Western Municipal Water District et al. v. East San Bernardino County Water District</i> (Riverside County Superior Court Case No. 78426). The Judgment, among other things, imposes obligations on WMWD that ensure that water levels in the Basin are not substantially depleted. Notably, the Judgment defines specific extraction rights for Plaintiffs (City of Riverside, Meeks & Daley, Riverside Highland, University of California) within the San Bernardino Basin Area, but does not define specific water rights for any users in the Riverside-Arlington Groundwater Basin – the location of the proposed Well 7. Instead, as described in greater detail in the Addendum, when total extractions exceed 20% of the base period annual average extraction, WMWD may be required to provide replenishment. The Stipulated Judgment imposes replenishment requirements on WMWD to ensure groundwater management that are similar, if not more restrictive, than the requirements imposed through a GSP. The responsibilities and requirements imposed in the Stipulated Judgment on WMWD will ensure no significant impacts to groundwater resources will result from Well 7 in the new proposed location so impacts remain less than significant</p>				
<p>Similarly, the changed alignment and length will not result in any changes to the FEIR’s impacts analysis and less</p>				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>than significant impacts determination. The proposed new route followed for the ground water from the well to the desalter facility will be more circuitous, but it will utilize existing facilities. This reduced-length pipeline will result in a significantly reduced environmental footprint by efficiently utilizing existing facilities, thereby reducing construction-related impacts compared to the original project. The amount of time and environmental effects associated with the roadway disturbance (e.g., construction noise, traffic flow disruptions, etc.) will be reduced due to the shorter length of pipeline, as well as reducing the length of time that traffic flow is disturbed on Magnolia Avenue, which is a principal arterial.</p> <p>The pump station and pipeline would not appreciably interfere with groundwater recharge. The project will have a less than significant impact on groundwater.</p>				
<p>c. 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 off site?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Proposed Project) The proposed project would result in minimal physical alterations to the project site and would not alter drainage patterns.</p>				
<p>d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Proposed Project) The proposed project would result in minimal physical alterations to the project site and would not alter drainage patterns or substantially rate or amount of surface runoff in a manner that would result in flooding.</p>				
<p>e. 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?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Proposed Project) The proposed project would not create a significant amount of impervious surface (400 square feet) that would result in runoff that would exceed the capacity of the existing stormwater system.</p>				
<p>f. Otherwise substantially degrade water quality?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Proposed Project) There are no other sources or characteristics of the project that would substantially degrade water quality.</p>				
<p>g. Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Riverside General Plan PFEIR Figure 5.8-2 – Flood Hazard Areas) The project site is not located within a 100-year flood hazard area. The project does not propose the development of housing.</p>				
<p>h. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Riverside General Plan PFEIR Figure 5.8-2 – Flood Hazard Areas) The project site is not located within a 100-year flood hazard area. Therefore, the proposed project would not place structures within a 100-year flood hazard area.</p>				
<p>i. Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Response (Source: Riverside General Plan PFEIR Figure 5.8-2 – Flood Hazard Areas) The project site is not within a flood zone or area subject to dam inundation. Thus, the project will not place a structure within a flood hazard area or dam inundation area that would expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of a levee or dam.				
j. Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Riverside General Plan PFEIR Figure 5.8-2 – Flood Hazard Areas) Given there are no features near the project (lakes, coastal areas, or steep slopes) that would pose a threat from seiche, tsunami, or mudflow, there would be impact to the project from these occurrences.				
10. Land Use and Planning – Would the project:				
a. Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project has no element capable of creating a division to a community.				
b. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Sources: Riverside Zoning Map and Land Use Policy Map) As a public utility, the project is an allowable use within the land use zones on the project site.				
c. Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)) The project is subject to compliance with the Western Riverside MSHCP, because the City of Riverside is a Permittee to the MSHCP. The project site is not located in an area subject to Cell Criteria under the MSHCP, and therefore has no conservation requirements toward building out the MSHCP Reserve. The project site does not support any riparian or riverine resources that would be affected by the project, and is therefore compliant with Section 6.1.2 of the MSHCP. Since no Conservation Areas are near the project site, the project will result in a less than significant impact .				
11. Mineral Resources – Would the project:				
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"/>
Response (Source: Riverside General Plan PFEIR Figure 5.10-1 – Mineral Resources) The proposed project lies within Mineral Resource Zone 4 (MRZ-4) indicating that the area contains known or inferred mineral occurrences of undetermined mineral resources significance. However, the project site has been previously disturbed and is developed with existing public rights-of-way and the church property. The project does not involve extraction of mineral resources and there is no historical use of the site or surrounding area for mineral extraction purposes. Thus the project would not result in loss of known mineral resources.				
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"/>
Response (Source: Riverside General Plan PFEIR Chapter 5.10 – Mineral Resources) The proposed project lies within MRZ-4 indicating that the area contains known or inferred mineral occurrences of undetermined mineral resources significance. However, the Riverside General Plan PFEIR determined that there are no specific areas within the City Area, including the project site, which has locally important mineral resource recovery sites. Therefore, implementation of the project would not significantly preclude the ability to extract mineral resources.				
12. Noise – Would the project result in:				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Exposure of persons to or generation of noise levels 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"/>
Response (Source: Proposed Project) Construction of the project would produce noise; however, construction activities are generally exempt from the noise code (subject to certain time limitations on weekends and nights). Once completed, the project would not produce noise in excess of standards as the pump facilities would be housed in a masonry block building that would shield the noise from the pump equipment. Therefore, the project would have a less than significant impact on exposure of persons to noise levels in excess of applicable standards.				
b. Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Proposed Project) The proposed project would not involve substantial earthwork that would result in significant groundborne vibration or groundborne noise levels. The project would involve the temporary and intermittent use of construction equipment for various construction activities. There would be no operational activities that would cause vibration. Therefore, the project will have a less than significant impact .				
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project includes equipment that would generate noise (i.e., pumps), but these would be housed in a masonry block building effectively shielding the area outside the building from noise. Thus there would not be a substantial permanent increase in the ambient noise levels from the project.				
d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Proposed Project) The primary source of temporary or periodic noise associated with the proposed project would be from construction of the pump station building and pipeline. Both the 2025 General Plan and the Municipal Code Title 7 (Noise Code) limit construction activities to specific times and days of the week. Noise associated with the construction would be subject to the standards set forth in the City's Municipal Code Section 7.35.010, which limits construction noise to 7:00 a.m. to 7:00 p.m. on weekdays and 8:00 a.m. to 5:00 p.m. on Saturdays unless approved by variance. Contractors shall ensure that all construction equipment, fixed or mobile, be equipped with properly operating and maintained noise mufflers consistent with manufacturer's standards. The City of Riverside shall designate a construction relations officer to serve as a liaison with surrounding residents and property owners; the construction relations officer shall be responsible for responding to any concerns regarding construction noise. The liaison's telephone number(s) shall be prominently displayed at the project site. Signs that include permitted construction days and hours shall also be posted at the project site.				
Considering the short-term nature of the planned construction, the temporary increase in noise levels, and proposed mitigation measures the construction noise impacts are considered to be less than significant .				
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 expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Sources: Riverside General Plan PFEIR Figure 5.9-8 – Airport Safety and Compatibility Zones, Riverside 2025 General Plan Figure N-8 – Riverside and Flabob Airport Noise Contours) Part of the project site is located within Compatibility Zone "Other Airport Environs" of the Riverside Municipal Airport. Only uses that would be hazards to flight (such as tall structures) are prohibited within this zone. There are no regulations related to noise-sensitivity or adverse noise impacts associated with this compatibility zone. The project would not add residents or employees to the project area thus the project will have a less than significant impact				
f. For a project within the vicinity of a private airstrip, 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"/>

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Response (Source: Riverside General Plan PFEIR Figure 5.9-8 – Airport Safety and Compatibility Zones) There are no private airstrips in the project vicinity; therefore, the proposed project would not expose people residing or working in the project area to excessive noise levels.				
13. Population and Housing – Would the project:				
a. 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"/>
Response (Source: Proposed Project) The project is located within an urbanized area and does not include activities that would induce population growth (i.e., new homes or businesses or new roads).				
b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not displace any housing.				
c. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not displace any people.				
14. Public Services – Would the project:				
14. 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:				
a. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The only project element that may require fire suppression services is the pump station building, which would not substantially increase the demand for fire suppression services or additional fire facilities. Adequate fire suppression services are available from the Riverside Fire Department.				
b. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) It is not anticipated that the project would substantially increase the demand for police services or additional police facilities.				
c. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not increase the demand for school facilities as it would not generate any increase in housing or population of school-age children.				
d. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project does not propose residential uses that would increase population and therefore would not be expected to result in an increased demand for parks.				
e. Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) No other public facilities or services other than police and fire protection are anticipated to serve the proposed project.				
15. Recreation				
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"/>

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Response (Source: Proposed Project) The project does not propose residential uses that would increase population and therefore would not be expected to result in increased use of parks or other recreational facilities, thus the project would not contribute to deterioration of any recreation facility.				
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"/>
Response (Source: Proposed Project) The project would not include any recreational facilities.				
16. Transportation/Traffic – Would the project:				
a. Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Proposed Project) The project would generate a temporary short-term increase in construction traffic in the project area and cause some temporary traffic delays. A construction traffic control plan will be prepared and implemented to minimize impacts to traffic circulation. Once completed the project would only generate occasional trips to maintain the pump station facility. This level of traffic would not substantially conflict with the performance of the transportation system and would produce a less than significant impact .				
b. Conflict with an applicable congestion management program, including but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Response (Source: Riverside General Plan PFEIR Figure 5.15-4 – Volume to Capacity (V/C) Ratio and Level of Service (LOS) Typical 2025) The level of project-generated trips would not be sufficient to change the level of service (LOS) on the project area streets. Both of the affected streets (Magnolia Avenue and Hoover Street), as well as the streets in the general vicinity of the project operate at a LOS of A-C (except California Street, which has an LOS of D). The project would not conflict with any applicable congestion management program thus the project will have a less than significant impact .				
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Riverside General Plan PFEIR Figure 5.7-2 – Airport Safety and Compatibility Zones) Part of the project site is located within Compatibility Zone “Other Airport Environs” of the Riverside Municipal Airport. However, the project does not include the need for air traffic and its operations would not require any air traffic patterns to be modified.				
d. Substantially increase hazards due to a 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"/>
Response (Source: Proposed Project) The proposed project would not substantially increase hazards since it would not construct any incompatible uses.				
e. Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Sources: Riverside Fire Code; Proposed Project) The proposed pump station facility would be equipped with a roll up door to provide easy emergency access and meet the applicable fire code requirements for the building.				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) There would be no impact on transit or non-motorized travel from the project, thus the project would not conflict with any plans or policies related to those facilities.				
17. Utilities and Service Systems – Would the project:				
a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not generate wastewater and as such would not require wastewater treatment.				
b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not generate new water or wastewater treatment facilities.				
c. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not result in construction of new storm water drainage facilities or cause a need to expand existing storm water facilities.				
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not require water supplies to serve the pump station.				
e. 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"/>
Response (Source: Proposed Project) The project would not require any wastewater treatment services.				
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not generate any solid waste.				
g. Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Response (Source: Proposed Project) The project would not conflict with any solid waste regulations since the project would generate no solid waste.				
18. Mandatory Findings of Significance				

Issues (and Supporting Information Sources)	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>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 an endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Source: Proposed Project) The project site is in a heavily urbanized area and thus would not 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, or reduce the number or restrict the range of a rare or an endangered plant or animal. The project would have no impact.</p>				
<p>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.)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Response (Sources: Riverside 2025 General Plan, Riverside General Plan PFEIS) The project’s land use is consistent with the 2025 General Plan, which considered cumulative impacts in its analysis of the buildout scenario in the PFEIS. Therefore, no new cumulative impacts beyond those that were anticipated in the General Plan 2025 would result and the project would have no impact.</p>				
<p>c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Response (Source: Proposed Project) Based on the analysis of all of the above questions, it has been determined that the project would have a less than significant impact on humans.</p>				

Attachment A

The following archaeological mitigation measures are taken directly from the SARCCUP EIR verbatim and are applicable to the mitigation discussion in Section 5 (Cultural Resources) of the Environmental Checklist. There are four listed archeological mitigation measures for the Well 7 project, which are CUL-1, CUL-2, CUL-3, and CUL-4.

Mitigation Measure CUL-1. Retention of Qualified Archaeologist. Prior to the start of ground-disturbing activities associated with the IEUA Well Refurbishment and Treatment System Project, the Arlington Production Wells and Pipeline Project, the WMWD Pump Station Project, and the Santa Ana River Arundo Removal Project, the respective project lead agencies shall retain a qualified archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (U.S. Department of the Interior, 2008) to carry out all mitigation related to cultural resources.

Mitigation Measure CUL-2. Cultural Resources Sensitivity Training. Prior to start of ground-disturbing activities associated with the IEUA Well Refurbishment and Treatment System Project, the Arlington Production Wells and Pipeline Project, the WMWD Pump Station Project, and the Santa Ana River Arundo Removal Project, the qualified archaeologist shall conduct cultural resources sensitivity training for all construction personnel associated with the four projects. Construction personnel will be informed of the types of archaeological resources that may be encountered, and of the proper procedures to be enacted in the event of an inadvertent discovery of archaeological resources or human remains. The respective project lead agencies shall ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

Mitigation Measure CUL-3. Arlington Production Wells and Pipeline Project Construction Monitoring. Prior to the start of ground disturbing activities associated with the Arlington Production Wells and Pipeline Project, an archaeological monitor working under the supervision of the qualified archaeologist and a Native American monitor associated with a locally affiliated tribe, as identified through the Assembly Bill 52 consultation process, shall be retained to conduct monitoring of all Project-related ground-disturbing activities within 100 feet of the mapped location of previously recorded prehistoric archaeological resource, P-33-000496. Based on observations of subsurface soil stratigraphy or other factors during initial ground disturbing activities, and in consultation with the WMWD and Native American monitor, the qualified archaeologist may reduce monitoring, as warranted. Archaeological monitors shall maintain daily logs documenting their observations. Monitoring activities shall be documented in a Monitoring Report to be prepared by the qualified archaeologist. A draft monitoring report shall be submitted to WMWD for review and comment. A final monitoring report shall be submitted to WMWD for their records and a copy will be filed with the Eastern Information Center.

Mitigation Measure CUL-4. Inadvertent Discoveries. In the event of the unanticipated discovery of archaeological materials during implementation of the IEUA Well Refurbishment and Treatment System Project, the Arlington Production Wells and Pipeline Project, the WMWD Pump Station Project, and the Santa Ana River Arundo Removal Project, all work shall immediately cease within 100 feet of the discovery until it can be evaluated by the qualified archaeologist. Construction shall not resume until the qualified archaeologist has conferred with the respective Project lead agency on the significance of the resource.

Attachment B

The following paleontological mitigation measures are taken directly from the SARCCUP EIR verbatim and are applicable to the mitigation discussion in Section 5 (Cultural Resources) of the Environmental Checklist. There are four listed archeological mitigation measures for the Well 7 project, which are CUL-5, CUL-6, CUL-7, and CUL-8.

CUL-5: Retention of a Qualified Paleontologist. Prior to the start of ground-disturbing activities associated with the Arlington Production Wells and Pipeline project, the respective lead agencies shall retain a qualified paleontologist meeting the Society for Vertebrate Paleontology's professional standards (2010) to carry out all mitigation measures related to paleontological resources.

CUL-6: Paleontological Resources Sensitivity Training. Prior to the start of ground-disturbing activities associated with the Arlington Production Wells and Pipeline project, the qualified paleontologist shall conduct a paleontological resources sensitivity training for all construction personnel working on the project. This may be conducted in conjunction with the archaeological resources training required by Mitigation Measure CUL-2. The training shall include an overview of potential paleontological resources that could be encountered during ground-disturbing activities to facilitate worker recognition, protocols for avoidance and subsequent immediate notification of the qualified paleontologist for further evaluation and action, as appropriate, and penalties for unauthorized artifact collecting or intentional disturbance of paleontological resources. The respective project lead agencies shall ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

CUL-7: Paleontological Resources Construction Monitoring. The qualified paleontologist, or a paleontological monitor working under the direct supervision of the qualified paleontologist, shall conduct periodic spot checks during excavation greater than 10 feet deep associated with the Arlington Production Wells and Pipeline project. In the event that sensitive Quaternary older alluvial deposits are observed during spot check monitoring, the qualified paleontologist may make recommendations to modify the spot check protocols, which could include implementation of monitoring of a greater duration. Likewise, if monitoring observations suggest no potential for paleontological materials, the paleontologist may recommend to reduce or to discontinue the spot checks. The paleontological monitor shall prepare daily logs. After construction has been completed, a report that details the results of the spot check monitoring will be prepared and submitted to the lead agency.

CUL-8: Inadvertent Discovery of Paleontological Resources. In the event of the unanticipated discovery of paleontological resources during implementation of the Chino Basin Production Wells, Refurbishment and Treatment System project and the Arlington Production Wells and Pipeline project, all work shall immediately cease in the area (within approximately 100 feet) of the discovery until it can be evaluated by a qualified paleontologist. The qualified paleontologist shall evaluate the significance of the resources and recommend appropriate treatment measures. At each fossil locality, field data forms shall be used to record pertinent geologic data, stratigraphic sections shall be measured, and appropriate sediment samples shall be collected and submitted for analysis. Any fossils encountered and recovered shall be catalogued and donated to a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County. Accompanying notes, maps, and photographs shall also be filed at the repository. Construction shall not resume until the qualified paleontologist has conferred with the lead agency on the significance of the resource.

References

- California 2022. California Building Code. Accessed at: <https://codes.iccsafe.org/content/CABC2022P1>.
- California 2023a. California Health and Safety Code. Accessed at: <https://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=HSC&tocTitle=+Health+and+Safety+Code+-+HSC>.
- California 2023b. California Public Resources Code 5097.9. Accessed at: <https://nahc.ca.gov/codes/california-public-resources-code-5097-9/>.
- Caltrans 2023. List of State Scenic Highways. Accessed at: <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>.
- City of Riverside 2007. 2025 General Plan Final Program Environmental Impact Report. Accessed at: <https://riversideca.gov/cedd/planning/city-plans/general-plan-0#:~:text=Riverside's%20General%20Plan%20is%20a,economic%2C%20environmental%20and%20cultural%20issues>.
- City of Riverside 2021. 2025 General Plan Update. Accessed at: <https://riversideca.gov/cedd/planning/city-plans/general-plan-0#:~:text=Riverside's%20General%20Plan%20is%20a,economic%2C%20environmental%20and%20cultural%20issues>.
- City of Riverside 2023a. GIS Wetland Map Layer. Accessed at: <https://riversideca.gov/it/gis>.
- City of Riverside 2023b. Municipal Code Title 19 Zoning. Accessed at: https://library.municode.com/ca/riverside/codes/code_of_ordinances?nodeId=PTIICO_OR_TIT19ZO.
- City of Riverside 2023c. Municipal Code Title 7 Noise Control. Accessed at: https://library.municode.com/ca/riverside/codes/code_of_ordinances?nodeId=PTIICO_OR_TIT7NOCO.
- City of Riverside 2023d. Municipal Code Title 16 Buildings and Construction, Chapter 16.32 Fire Prevention. Accessed at: https://library.municode.com/ca/riverside/codes/code_of_ordinances?nodeId=PTIICO_OR_TIT16BUCO_CH16.32FIPR.
- ESA 2019. Santa Ana River Conservation and Conjunctive Use Project Joint Projects Final Environmental Report. Accessed at: <https://www.ieua.org/read-our-reports/santa-ana-river-conservation-and-conjunctive-use-program/>.
- South Coast Air Quality Management District 2022. Air Quality Management Plan. Accessed at: <https://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan>.

U.S. Fish and Wildlife Service 2023. National Wetland Inventory Mapper. Accessed at:
<https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper>.

WMWD 2020. Urban Water Management Plan. Accessed at:
https://www.wmwd.com/DocumentCenter/View/5339/Western-2020-UWMP_Public-Draft_20210518?bidId=.