



EAST VALLEY WATER DISTRICT
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**EAST VALLEY WATER DISTRICT
INITIAL STUDY AND
DRAFT MITIGATED NEGATIVE DECLARATION
FOR
WATER MAIN SEISMIC RETROFIT PROJECT
W2233**

SEPTEMBER 2023

Prepared by



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TABLE OF CONTENTS



TABLE OF CONTENTS

PAGE

PART 1 - PROJECT INFORMATION

A.	INTRODUCTION	1
B.	PROJECT DESCRIPTION	1
C.	ENVIRONMENTAL SETTING	3
D.	COMPLIANCE WITH CEQA	3
E.	LEAD AGENCY	3
F.	PUBLIC INFORMATION DOCUMENT	4

PART 2 – ENVIRONMENTAL EFFECTS AND CHECKLIST

A.	PROJECT INFORMATION	5
B.	ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED	7
C.	DETERMINATION	8
D.	EVALUATION OF ENVIRONMENTAL IMPACTS	9
E.	ENVIRONMENTAL CHECKLIST	11

PART 3 - REFERENCES AND SOURCES 49

FIGURES

- FIGURE 1 PROJECT VICINITY
- FIGURE 2 PROJECT AREA
- FIGURE 3 PROJECT LOCATION

APPENDICES

- A. DRAFT MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM
- B. AIR QUALITY CALCULATIONS

PART 1
PROJECT INFORMATION



PART 1 - PROJECT INFORMATION

A. EAST VALLEY WATER DISTRICT

East Valley Water District (EVWD or the District) was formed in 1954 for providing water service to residents of its service area. EVWD's service area encompasses an area of approximately 30 square miles along the foothills of the San Bernardino Mountains and includes the City of Highland, some eastern parts of the City of San Bernardino, the San Manuel Band of Mission Indians, and some unincorporated parts of San Bernardino County. EVWD currently provides water and wastewater services to a total population of approximately 104,000 residents within its service area.

B. PROJECT DESCRIPTION

1. Background

There are two major earthquake faults in the San Bernardino Valley. The San Jacinto Fault is located within 5 miles of the southwestern boundary of the District's service area, while the San Andreas Fault runs directly through the District's service area. Ground shaking from earthquakes can substantially damage water mains, which are a critical component of the water distribution system. According to EVWD's 2019 Water System Master Plan, about half of all water pipeline material is asbestos cement, which is a very brittle material classified as having moderate to high vulnerability to seismic activities.

Due to the proximity of the two major fault lines mentioned above to the District's service area, the District has studied system risks and vulnerabilities to earthquake hazards. The District conducted a thorough review of vulnerable potable water mains, considering locations of vulnerable pipe materials, population density, and the locations of critical customers. Based on its review, the District selected the Project area, with the pipelines located therein being nearly 69% asbestos cement, 23% steel double-dipped and wrapped, and the remaining being either uncoated steel or cement mortar lined and coated steel.

2. Proposed Project

The District's Water Main Seismic Retrofit Project (the Project) consists of the replacement of approximately 35,000 linear feet (LF) of existing potable water main pipelines that are



considered susceptible to damage due to ground shaking from earthquakes. The water main pipelines will be replaced with ductile iron pipe, incorporating special joints where needed, to improve resilience of the pipelines in case of a seismic event.

Project construction is expected to include the following:

- Removal of existing landscaping, asphalt, concrete, or soil, as necessary;
- Trenching along the pipeline alignment;
- Placement of pipe bedding, 8 to 16-inch diameter ductile iron pipeline, and appurtenances (such as special joints and fittings);
- Backfilling trenches and compacting soil;
- Installing the portion of pipeline in Baseline Street that crosses under the Warm Creek Channel using trenchless technology ;
- Pressure testing and disinfection of the pipelines;
- Returning the land surface to pre-construction conditions (e.g. asphalt replacement or concrete replacement, soil and landscaping replacement);
- Connection of the new pipelines to existing water system pipelines; and
- Connection of existing customers to the new pipelines.

3. Purpose

The purpose of the Project is to improve the water system's resiliency to seismic events by replacing existing water mains with ductile iron pipe, including the use of shorter pipe lengths and flexible joints and fittings.

Nearly 69% of existing water mains at the Project Site are asbestos cement, 23% are steel double-dipped and wrapped, and the remaining are either uncoated steel or cement mortar lined and coated steel. The new pipe materials will result in greater resistance to ground shaking and ground deformation during a seismic event.

Further, by basing minimum pipe size on current EVWD best practices, the Project will reduce the risk of overtaxing the potable water system when using pressurized fire hydrants



for fire suppression. Since fires commonly occur after earthquakes, the Project will also reduce the risk of property damage due to fires after a seismic event.

C. ENVIRONMENTAL SETTING

1. Location

The Project is located within public street rights-of-way within the City of Highland, the City of San Bernardino, and within an unincorporated portion of the County of San Bernardino, in the following streets: Pacific Street, Dwight Way, E. Bessant Street, Independent Place, Elmo Drive, Yates Street, Glasgow Avenue, Anson Street, Del Rosa Drive, Elmwood Road, Del Rosa Avenue, Osbun Road, Byron Street, Fisher Street, E. Amanda Street, Jane Street, Walker Street, Sterling Avenue, and Baseline Street. Refer also to **Figures 1 through 3** herein. The pipeline alignments shown on **Figure 3** are collectively referred to herein as the Project Site.

2. Climate

Climate in the area is characterized by relatively hot, dry summers and cool winters with intermittent precipitation. The area normally receives an average annual precipitation of approximately 16 inches, most of which occurs during December through March.

3. Land Use

The Project is located within public street rights-of-way within a developed urban area. Land uses in the Project area consist mostly of single-family properties, with some multi-family properties, places of worship, commercial businesses, and an elementary school.

D. COMPLIANCE WITH CEQA

This document has been prepared in compliance with the provisions of the California Environmental Quality Act, codified in California Public Resources Code, Division 13, Section 21000 *et seq* (CEQA) and the State CEQA Guidelines (California Code of Regulations, Title 14,



Section 15000 *et seq*). Pursuant to CEQA and the State CEQA Guidelines, this Initial Study has been prepared to determine whether the Project may have a significant effect on the environment.

This Initial Study for EVWD's Water Main Seismic Retrofit Project has been prepared by Krieger & Stewart, Incorporated under contract with EVWD to comply with the provisions of CEQA.

E. LEAD AGENCY

EVWD is lead agency for the Project, as it is the public agency with the primary responsibility for preparing CEQA documents and for approving and carrying out the Project. Since EVWD is responsible for the Project, it must comply with the requirements of CEQA and the CEQA Guidelines issued by the State of California.

EVWD routinely constructs new facilities, maintains them, and replaces them as necessary to maintain adequate, reliable, and safe domestic water service to its customers. The Project is a continuation of the authority that the EVWD has exercised in the past.

F. PUBLIC INFORMATION DOCUMENT

This is a public information document prepared in accordance with CEQA and the State CEQA Guidelines. The purposes of this Initial Study are to provide EVWD with information to use as a basis for identifying the potential environmental impacts of the Project, for determining the appropriate CEQA document to prepare for the Project, to facilitate environmental assessment of the Project, and to provide documentation of the factual basis for the finding in the Project's CEQA document. Additionally, this document identifies mitigation intended to avoid or reduce any adverse environmental impacts of the Project to levels that are less than significant.

PART 2
ENVIRONMENTAL EFFECTS AND CHECKLIST



PART 2 - ENVIRONMENTAL EFFECTS AND CHECKLIST

A. PROJECT INFORMATION

1. Project Title:

Water Main Seismic Retrofit Project

2. Lead Agency Name and Address:

East Valley Water District
31111 Greenspot Road
Highland, CA 92346

3. Contact Person and Phone Number:

Nathan J. Carlson, Project Engineer
East Valley Water District
(909) 806-4282

4. Project Location:

Refer to **Part 1.C(1)** on **Page 3** herein. Refer also to **Figures 1 through 3** following the Environmental Checklist section.

5. Project Sponsor's Name and Address:

East Valley Water District
31111 Greenspot Road
Highland, CA 92346

6. General Plan Designation:

The Project is located within public street rights-of-way surrounded by development with the following general plan land use designations, based on jurisdiction:

- City of Highland: Low Density Residential (2.1-6.0 du/acre), General Commercial, and Planned Commercial
- City of San Bernardino: Commercial – Heavy
- County of San Bernardino: MDR (Medium Density Residential)

7. Zoning:

The Project is located within public street rights-of-way surrounded by development with the following zoning designations, based on jurisdiction:

- City of Highland: R-1 – Single Family Residential, CG – General Commercial, and PC – Planned Commercial
- City of San Bernardino: Commercial Heavy
- County of San Bernardino: RM (Multiple Residential)



8. Description of Project:

Refer to **Part 1.B**, beginning on **Page 1** herein.

9. Surrounding Land Uses and Setting:

Refer to **Part 1.C(2)** and **Part 1.C(3)** on **Page 3** herein.

10. Other public agencies whose approval may be required (e.g., permits, financing approval, or participation agreement):

- State Water Resources Control Board, Division of Drinking Water
- San Bernardino County Flood Control District
- California Regional Water Quality Control Board, Santa Ana River Basin Region

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code Section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

The District sent formal notification letters on July 20, 2023, informing the following three Native American tribes of the Project:

- Yuhaaviatam of San Manuel Nation (formerly San Manuel Band of Mission Indians)
- Gabrieleño Band of Mission Indians – Kizh Nation
- Morongo Band of Mission Indians

Yuhaaviatam of San Manuel Nation

In response to the District's notification letter, Yuhaaviatam of San Manuel Nation replied via email requesting copies of additional documentation pertaining to the Project. After receiving the requested documents, the tribe then requested that certain mitigation be included in the Project.

Gabrieleño Band of Mission Indians – Kizh Nation

In response to the District's notification letter, Gabrieleño Band of Mission Indians – Kizh Nation requested to consult on the Project; however, the tribe did not respond to further communications from the District.

Morongo Band of Mission Indians

In response to the District's notification letter, Morongo Band of Mission Indians submitted a response letter; however, the letter was received on September 20, 2023, sixty days after the formal notification was sent out.



B. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

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

- | | |
|---|---|
| ☐ Aesthetics | ☐ Agriculture/Forestry Resources |
| ☐ Air Quality | ☐ Biological Resources |
| ☐ Cultural Resources | ☐ Energy |
| ☐ Geology/Soils | ☐ Greenhouse Gas Emissions |
| ☐ Hazards & Hazardous Materials | ☐ Hydrology/Water Quality |
| ☐ Land Use/Planning | ☐ Mineral Resources |
| ☐ Noise | ☐ Population/Housing |
| ☐ Public Services | ☐ Recreation |
| ☐ Transportation | ☐ Tribal Cultural Resources |
| ☐ Utilities/Service Systems | ☐ Wildfire |
| ☐ Mandatory Findings of Significance | ☒ None |



C. DETERMINATION (To be completed by the Lead Agency):

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a "potentially significant" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

A handwritten signature in black ink, appearing to read "D. Scriven", written over a horizontal line.

David F. Scriven
KRIEGER & STEWART, INCORPORATED
District Consulting Engineer
EAST VALLEY WATER DISTRICT

9/29/2023
Date



D. EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect is significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses," as described in (5) below, may be cross-referenced).
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a. Earlier Analyses Used. Identify and state where they are available for review.



- b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c. Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7. Supporting Information Sources. A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9. The explanation of each issue should identify:
 - a. The significance criteria or threshold, if any, used to evaluate each question; and
 - b. The mitigation measure identified, if any, to reduce the impact to less than significant.



E. ENVIRONMENTAL CHECKLIST

Issue I. Aesthetics

Except as provided in Public Resources Code Section 21099, would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒

The Project will be located within public street rights-of-way. Because the Project consists of belowground facilities (replacement water mains), the Project will not have a substantial adverse effect on a scenic vista.

Issue I. Aesthetics (continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒

*There are no "Officially Designated State Scenic Highways" within close proximity to the Project Site. State Route 210, which is located approximately 0.70 mile north of the Project Site, is listed as an "Eligible State Scenic Highway". The nearest Officially Designated State Scenic Highway is State Route 38, which was designated in 1968 and is located approximately 30 miles northeasterly of the Project Site. The Project consists of replacing existing water main pipelines, which are belowground facilities and do not have the potential to substantially damage any scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway. Refer also to **Issue I(a)** above.*



Issue I. Aesthetics (continued)

c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The Project is located in public street rights-of-way in an urbanized area, surrounded by residential and commercial uses. The Project consists of construction and operation of belowground pipelines, which will not substantially degrade the existing visual character or quality of public views of the area. For these reasons, construction and operation of the Project facilities will not conflict with applicable zoning or other regulations governing scenic quality.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The Project does not include any lighting features and will not create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area.



Issue II. Agriculture and Forest Resources

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in forest protocols adopted by the California Air Resources Board.

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

Based on maps available from the State of California Department of Conservation, Division of Land Resources Protection, Farmland Mapping and Monitoring Program, online at <https://maps.conservation.ca.gov/DLRP/CIFF>, the Project is located within an area of land categorized as "Urban and Built-Up Land", which is defined below.

***Urban and Built-Up Land** is occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. Common examples include residential, industrial, commercial, institutional facilities, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, and water control systems.*

There is no land categorized as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (collectively, Farmland) located on or adjacent to the Project Site. For these reasons, construction and operation of the Project will not convert Farmland to non-agricultural use.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The Project Site is not zoned for agricultural use, and there are no Williamson Act contracts in effect on any of the parcels included in the Project Site. For these reasons, the Project will not conflict with existing zoning for agricultural use or with a Williamson Act Contract.



Issue II. Agriculture and Forest Resources (continued)

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The Project is located within public street rights-of-way that are adjacent to residential and commercial land uses. There are no lands zoned for forest land or timberland located on or adjacent to the Project Site. For these reasons, construction and operation of the Project will not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

*The Project Site does not contain nor adjoin any forest land. Therefore, construction and operation of the Project will not result in the loss of forest land or conversion of forest land to non-forest use. Refer also to **Issue II(c)** above.*

e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

*The Project does not involve changes in the existing environment that could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use. Refer also to **Issues II(a) through II(d)**, above.*



Issue III. Air Quality

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

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒

The Project is located within the South Coast Air Basin (SCAB), which encompasses portions of Los Angeles County, Riverside County, San Bernardino County, and all of Orange County. The San Bernardino County portion of the SCAB is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD).

A project is considered to conflict with or obstruct implementation of the applicable air quality plan if it would result in population or employment growth that would exceed the estimates for such growth that are set forth in the applicable air quality plan.

The Project includes replacement of existing water mains currently operated as part of EVWD's existing water system, and the Project does not have the potential to result in an increase in population or employment growth in the area. For these reasons, the Project would not conflict with or obstruct any applicable air quality plan.

*Potential impacts related to greenhouse gases are described in **Issue VIII** herein.*

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality threshold?	☐	☐	☒	☐

*As described in **Issue III(a)** above, the Project is located within the South Coast Air Basin (SCAB). Air quality conditions in the SCAB are under the jurisdiction of the South Coast Air Quality Management District (SCAQMD).*

State and federal designations based on the California Ambient Air Quality Standards (CAAQS) and the National Ambient Air Quality Standards (NAAQS) for the project area are listed below. "Attainment" is the category given to an area that has had no CAAQS or NAAQS violations in the past



3 years. "Non-Attainment" is the category given to an area that has had one or more such violations in the past 3 years. An area is considered "Unclassified" when there is insufficient data.

Under the CAAQS, the Project area is classified as Non-Attainment for ozone (O_3), for particulate matter measuring 2.5 microns or less in diameter ($PM_{2.5}$), and for particulate matter measuring greater than 2.5 microns and up to 10 microns in diameter (PM_{10}). The Project area is classified as Attainment for carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), sulfates (SO_4), and lead. The Project area is unclassified for hydrogen sulfide (H_2S) and visibility reducing particles. Additional information about each of these pollutants and the CAAQS is available at the California Air Resources Board website at www.arb.ca.gov/resources/california-ambient-air-quality-standards.

Under the NAAQS, the Project area is classified as Non-Attainment for Ozone (O_3) and $PM_{2.5}$, and as Unclassified/Attainment for PM_{10} , CO, NO_2 , SO_2 , and lead. Additional information about these pollutants and the NAAQS is available on the United States Environmental Protection Agency's website at www.epa.gov/criteria-air-pollutants.

Project construction air pollutant emissions were estimated using the California Emissions Estimator Model (CalEEMod, Version 2022.1.1.7). A copy of the CalEEMod output report is included in **Appendix B** herein. Peak day air pollutant emissions estimated to be generated during construction are set forth in **Table 1** below.

Table 1 Estimated Peak Day Construction Equipment Exhaust Emissions for Construction of Water Main Seismic Retrofit Project							
	Pollutants (pounds/day)						
	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$	
Project Construction Emissions⁽¹⁾	1.42	8.13	8.37	0.03	0.32	0.29	
Significance Thresholds⁽²⁾	75	100	550	150	150	55	
Exceeds Threshold?	No	No	No	No	No	No	

(1) Peak day, assuming all construction equipment operating simultaneously on the same day.

(2) South Coast Air Quality Management District, March 2023

Construction activities will result in a temporary increase in quantities of air pollutants in the Project area, including airborne dust, resulting from operation of construction vehicles and equipment. Dust will be mitigated to the extent possible using dust palliatives (such as water) and best management practices (BMPs) specified in the construction contract documents for the Project. Air pollutant emissions resulting from Project construction will be less than significant and short-term.



For the reasons described above, air pollutant emissions generated by construction and operation of the Project will be less than significant and will not result in an increase in O₃, or PM_{2.5}, for which the Project area is designated Non-Attainment under the CAAQS and NAAQS or PM₁₀, for which the Project area is designated Non-Attainment under the CAAQS.

Issue III. Air Quality (continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Would the project expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐

*The sensitive receptors nearest the Project Site are residences, churches, and an elementary school located on surrounding properties. Quantities of air pollutant emissions will temporarily increase during Project construction; however, as described in **Issue III(b)** herein, said increases will be less than significant and short-term. Ongoing operation of the Project will not result in air pollutant emissions. For these reasons, construction and operation of the Project will not expose sensitive receptors to substantial pollutant concentrations.*

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Project construction is expected to result in odors resulting from replacement of asphalt paving in the streets after installation of the new pipelines. Said odors will be less than significant and short-term. Operation of the Project will not generate other emissions, including those leading to odors. For these reasons, the Project will not result in other emissions adversely affecting a substantial number of people.



Issue IV. Biological Resources

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

Certain species of plants and animals have low populations, limited distributions, or both. Such species are vulnerable to further declines in population and distribution and may be subject to extirpation as the human population grows and the habitats these species occupy are converted to urban or other uses. State and federal laws, particularly the Federal Endangered Species Act (FESA) and the California Endangered Species Act (CESA) provide the California Department of Fish and Wildlife (CDFW) and the United States Fish and Wildlife Service (USFWS) with mechanisms for conserving and protecting native plant and animal species. Many plants and animals have been formally listed as "Threatened" or "Endangered" under FESA, CESA, or both, while many others have been designated as candidates for such listing. Additionally, others have been designated as "Species of Special Concern" by CDFW, as "Species of Concern" by USFWS, or are on lists of rare, threatened or endangered plants developed by the California Native Plant Society (CNPS). Collectively, all of these listed and designated species are referred to as "special status species".

The Federal Migratory Bird Treaty Act (MBTA), codified in 50 CFR Section 10.13, makes it unlawful to "take" (i.e. harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect) migratory birds or their nests, eggs, feathers, or any part thereof. With few exceptions, all native bird species are protected by the MBTA. Birds protected under the MBTA are also referred to as "special status species".

The Project is located within existing paved streets in an urban setting surrounded by residential and commercial uses. Due to its location, the Project site does not contain any habitat for sensitive biological resources. Therefore, the Project will not have substantial adverse effects, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.



Issue IV. Biological Resources (continued)

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

There are no riparian habitats or natural communities of concern located on the Project Site. While the Project alignment within Baseline Road crosses Warm Creek, Project construction will not impact the creek because pipeline installation will avoid contact with the creek by using trenchless technology to install the pipeline beneath the creek. Therefore, the Project will not have a substantial adverse effect on any riparian habitat or other sensitive natural community.

c) Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

There are no wetlands located on or adjacent to the Project Site. Therefore, construction and operation of the Project will not have a substantial adverse effect on state or federally protected wetlands.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

Because the Project is located within existing paved streets within an urban area, there are no native resident or migratory fish or wildlife species or established native resident or migrator wildlife corridors within the Project site. Therefore, the Project will not interfere with the movement of any native resident or migratory fish or wildlife species, with any wildlife corridors, or with the use of native wildlife nursery sites.



Issue IV. Biological Resources (continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒

The Project will not conflict with any local policies or ordinances protecting biological resources. Further, no trees will be removed as part of the Project.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

The Project Site is not located within an area covered by an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved habitat conservation plan; therefore, the Project would not conflict with any such plan.

Issue V. Cultural Resources

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☒	☐	☐

CEQA Guidelines Section 15064.5(3) states, in part, that "Generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the California Register of Historical Resources (Pub. Res. Code § 5024.1, Title 14 CCR, Section 4852), including the following:

"(A) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;

(B) Is associated with the lives of persons important in our past;

(C) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or



(D) Has yielded, or may be likely to yield, information important in prehistory or history."

Further, California Public Resources Code Section 5020.1(j) states that a "Historical resource' includes, but is not limited to, any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California."

*The Project is located within existing public street rights-of-way that have been previously disturbed during road construction and installation of various linear utilities (such as pipelines) beneath the streets and are not expected to contain any historical or archaeological resources. No buildings located along the pipeline alignment will be disturbed by the Project. In order to avoid or reduce potential impacts upon historical or archaeological resources that may be uncovered during implementation of the Project, Mitigation Measure CUL-1 is incorporated into the Project. Mitigation Measure CUL-1 is summarized below and is set forth in the Mitigation Monitoring and Reporting Program for the Project, which is included in **Appendix A** herein. With incorporation of Mitigation Measure CUL-1, the Project will not cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5.*

Mitigation Measure CUL-1: Cultural Resources

In the event that cultural resources are discovered during project activities, all work in the immediate vicinity of the find (within a 60-foot buffer) shall cease and a qualified archaeologist meeting Secretary of Interior standards shall be hired to assess the find. Work on the other portions of the project outside of the buffered area may continue during this assessment period. Additionally, the Yuhaaviatam of San Manuel Nation Cultural Resources Department (YSMN) shall be contacted, as detailed within Mitigation Measure TCR-1, regarding any pre-contact and/or historic-era finds and be provided information after the archaeologist makes an initial assessment of the nature of the find, so as to provide tribal input with regards to significance and treatment.

If significant pre-contact and/or historic-era cultural resources, as defined by CEQA, are discovered and avoidance cannot be ensured, the archaeologist shall develop a Monitoring and Treatment Plan, the drafts of which shall be provided to YSMN for review and comment, as detailed within Mitigation Measure TCR-1. The archaeologist shall monitor the remainder of project construction and implement the Monitoring and Treatment Plan accordingly.



With incorporation of Mitigation Measure CUL-1, the Project would not cause a substantial adverse change in the significance of a historical resource.

Issue V. Cultural Resources (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐

*Refer to **Issue V(a)** above. With incorporation of Mitigation Measure CUL-1, as set forth in the Mitigation Monitoring and Reporting Program for the Project, attached to the Mitigated Negative Declaration in **Appendix A** herein, the Project would not cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5. A description of potential impacts upon tribal cultural resources is included in **Issue XVIII** herein.*

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Would the project disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☐	☒

*There are no known cemeteries or burial grounds located on or adjacent to the Project Site. To avoid or reduce potential impacts upon any human remains that may be inadvertently encountered during Project construction, Mitigation Measure CUL-2 is incorporated into the Project. Mitigation Measure CUL-2 is summarized below and is set forth in the Mitigation Monitoring and Reporting Program for the Project, which is included in **Appendix A** herein. Additionally, the Project will comply with the provisions of Section 15064.5 of the State CEQA Guidelines.*

Mitigation Measure CUL-2: Human Remains

In the event that any human remains or funerary objects are encountered during any activities associated with Project construction, the construction contractor will halt or divert all work within a 100-foot radius of the find and will immediately contact the San Bernardino County Coroner's Office and East Valley Water District (EVWD). Construction activities will not resume until a qualified archaeologist or historian evaluates the nature and significance of the find and EVWD notifies the construction contractor to resume construction activities. California Health and Safety Code Section 7050.5 will be enforced for the duration of the Project.



Issue VI. Energy

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	☒

The primary energy resource that will be consumed during construction of the Project is fuel needed by the construction contractor for operating construction vehicles and equipment. Operation of the Project will not require any increase in fuel or energy use, as the Project consists of the replacement of existing water pipelines. For these reasons, the Project will not result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during Project construction or operation.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒

*Construction and operation of the Project will not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Refer also to **Issue VI(a)** above.*



Issue VII. Geology and Soils

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☐	☒
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☒

- i) *Based on information available in the online mapping system, "Earthquake Zones of Required Investigation", provided by the California Geological Survey on its website at <http://conservation.ca.gov/cgs/geohazards/eq-zapp>, the Project Site is not located within an earthquake fault zone. The nearest fault, Mill Creek Fault, is within the San Andreas Fault Zone and is located approximately 3 miles northerly of the Project Site. Construction and operation of the Project will not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault.*
- ii) *Being located in seismically-active southern California, the Project Site is subject to strong seismic ground shaking. The Project does not include any structures intended for human occupancy, and Project facilities will be designed and constructed in accordance with the recommendations provided in the geotechnical study report, Geotechnical Exploration East Valley Water District Water Main Seismic Retrofit Project Southeast of Pacific Street and Dwight Way City of San Bernardino, City of Highland, and Unincorporated San Bernardino County, California, prepared by Leighton Consulting, Inc., dated April 24, 2023 (Leighton Report). For these reasons, construction and operation of the Project is not expected to directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking.*
- iii) *Based on the Leighton Report cited in **Issue VII(a)(ii)** above, the majority of the Project is mapped within a high liquefaction susceptibility zone based on San Bernardino County's*



Hazard Overlay Maps. However, based on Leighton's review of historic groundwater data in the area and the characteristics of the native alluvial soils encountered in soil borings, becoming dense and very dense with depth, the potential for liquefaction at the Project Site is considered low at the Project Site. Further, the Project does not include facilities intended for human occupation. For these reasons, the Project will not expose people or structures to potential substantial adverse effects, including seismic-related ground failure, such as liquefaction.

- iv) *Based on information available in the online map titled "CGS Information Warehouse: Landslides", provided by the California Geological Survey, there are no landslides mapped in the vicinity of the Project Site. The nearest area shown on the map to include landslide hazards is approximately 30 miles westerly of the Project Site. Further, the Project Site is located within existing paved streets on relatively flat topography and is not subject to landslides. For these reasons, the Project will not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving landslides.*

Issue VII. Geology and Soils (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒

Disturbed ground surfaces will be returned to preconstruction conditions after Project construction, and no erosion related to the Project is expected to occur after completion of construction and final site stabilization. Further, best management practices will be implemented during Project construction to avoid or reduce the potential soil erosion. For these reasons, and because the Project Site is relatively flat and located within existing paved streets, the Project will not result in substantial soil erosion or substantial impacts related to the loss of topsoil.



Issue VII. Geology and Soils (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☐	☒

*Based on the Leighton Report cited in **Issue VII(a)(ii)** above, the potential for liquefaction at the Project Site is considered low. The Leighton Report further states that lateral spreading is unlikely to occur due to the lack of liquefaction potential. The Project Site is located within existing paved streets on relatively flat topography and would not result in landslides.*

*For the reasons described above, the Project is not located on a geological unit or soil that is unstable or would become unstable as a result of the Project and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse. Refer also to **Issue VII(a)** above.*

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☐	☒

*Based on the Leighton Report cited in **Issue VII(a)(ii)** above, soils at the Project Site have expansive potential values indicating "very low" to "low" expansion potential. Therefore, the Project will not create substantial direct or indirect risks to life or property related to expansive soil.*

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒

The Project does not include septic tanks or alternative wastewater disposal systems.



Issue VII. Geology and Soils (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

Federal, state, and local regulations and policies provide protection for paleontological resources. These include, but are not limited to, the federal Paleontological Resources Preservation Act of 2009 (Public Law 111-011, Title VI, Subtitle D) and California Public Resources Code Section 30244.

Because soils at the Project Site have been previously disturbed, including during construction of the existing paved streets and installation of existing belowground linear facilities (such as pipelines), the area is not sensitive for paleontological resources, and no paleontological resources are known or expected to be present on the Project site. Further, the Project site does not contain any unique geologic features. For these reasons, no impacts to unique paleontological resources or unique geological features are anticipated.

*To prevent an adverse impact upon any previously undiscovered paleontological resources that may be present in subsurface soil deposits, Mitigation Measure PALEO-1 is incorporated into the Project. Mitigation Measure PALEO-1 is summarized below and is set forth in the Mitigation Monitoring and Reporting Program for the Project, a copy of which is included in **Appendix A** herein. With incorporation of PALEO-1, construction and operation of the Project would not directly or indirectly destroy a unique paleontological resource or geological feature.*

Mitigation Measure PALEO-1: Paleontological Resources

The following measures will be implemented to protect any paleontological resources uncovered during ground disturbance during Project construction:

- If any potential paleontological resources are uncovered during Project construction, all work within a 50-foot radius of the discovery shall be halted until a qualified paleontologist can evaluate the nature and significance of the find.*
- If the qualified paleontologist determines that a specimen uncovered during Project construction is potentially significant, then all future ground-disturbing actions associated with the Project will be monitored by a qualified paleontological monitor.*



- *Specimens recovered from the Project site by the qualified paleontological monitor will be, in accordance with standard paleontological practice, identified and curated at a repository with permanent retrievable storage that will allow for additional research in the future.*

Issue VIII. Greenhouse Gas Emissions

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐

Gases that trap heat in the Earth's atmosphere are referred to as greenhouse gases (GHGs). GHGs that are emitted due to human activities, primarily from the combustion of fossil fuels (e.g. gasoline in motor vehicles), are carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). The most common GHG that results from human activities is CO₂, followed by CH₄ and N₂O, respectively.

To quantify and combine these three GHGs into a single figure, each gas is converted to "carbon dioxide equivalent" (CO₂e) units. CO₂e is defined by the United States Environmental Protection Agency (USEPA) as, "A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential (GWP)...The carbon dioxide equivalent for a gas is derived by multiplying the tons of the gas by the associated GWP." The GWPs for carbon dioxide, methane, and nitrous oxide are 1, 21, and 310, respectively.

*The Project is expected to generate GHGs during construction. GHGs emitted during construction would result from operating construction vehicles and equipment and from workers' vehicles commuting to and from the Project Site. Estimated quantities of GHGs that would be generated during Project construction total approximately 51.6 metric tons of CO₂e per year, as determined by reports generated using the California Emissions Estimator Model (CalEEMod, Version 2022.1). A copy of the CalEEMod output report is included in **Appendix B** herein.*

Because the Project consists of replacement of water transmission pipelines, no GHGs will be emitted during ongoing operation of the Project.

For the reasons described above, the Project will not generate GHG emissions that would, either directly or indirectly, have a significant impact on the environment.



Issue VIII. Greenhouse Gas Emissions (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emission of greenhouse gases?	☐	☐	☐	☒

*As described in **Issue VIII(a)** above, construction of the Project would generate insignificant quantities of GHGs, while operation of the Project would not generate GHG emissions. For these reasons, construction and operation of the Project will not conflict with any plan, policy, or regulation adopted for the purpose of reducing GHG emissions.*

Issue IX. Hazards and Hazardous Materials

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☒

Small quantities of fuel, lubricants, adhesives, paint, and coatings will be used during construction of the Project. Said use will be short-term and strictly controlled, and waste materials will be properly disposed of. Such materials will not be allowed to enter any drainage. Further, operation of the Project does not involve the generation, transport, use, storage, or disposal of any hazardous materials. Therefore, construction and operation of the Project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☒

*The Project includes constructing and operating replacement water pipelines within a portion of EVWD's service area. The Project does not have the potential to 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. Refer also to **Issue IX(a)** above.*



Issue IX. Hazards and Hazardous Materials (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒

There are some schools located within one-quarter mile of the Project Site. Curtis Middle School is located approximately 0.12 mile southwesterly of Baseline Street, Empire Academy is located approximately 0.02 mile northeasterly of Sterling Avenue, and Fairfax Elementary School is located approximately 0.05 mile northwesterly of Dwight Way. Project construction and operation will take place within existing public street rights-of-way and will not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒

The Project Site is not located on a site included on the list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. According to maps and data available to the public on EnviroStor (the California Department of Toxic Substances Control (DTSC) database located online at <http://www.envirostor.dtsc.ca.gov/public>), the nearest such site, the "Gerald Hobbs Property", located at 7194 Conejo Drive in San Bernardino, is located approximately 900 feet westerly of the Dwight Way portion of the Project. Said site is a residential property on which liquid waste from precious metal extraction was poured onto the ground over a number of years. The site was since certified by DTSC as remediated in 2009. Therefore, there would be no impact to the Project as a result of the remediated site. For these reasons, the Project will not create a significant hazard to the public or the environment related to a hazardous materials site.



Issue IX. Hazards and Hazardous Materials (Continued)

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The nearest airport is the San Bernardino International Airport, located approximately one mile south of the Project Site. According to maps included in the San Bernardino County Airport Layout Plan Narrative Report (adopted November 2010 by the San Bernardino International Airport Authority), the Project does not lie within a compatibility zone, or within any of the existing or ultimate noise contours, of the San Bernardino International Airport. While the Project will generate some noise during construction, the Project would not result in a safety hazard or excessive noise related to proximity to an airport.

f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☒	☐

Construction specifications will include provisions for the construction contractor to maintain unobstructed access for emergency vehicles. Once construction is complete, the Project would not result in any additional vehicle trips to the Project area in excess of existing conditions. Therefore, construction and operation of the Project will not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.

g) Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☒	☐

Based on maps available on the Fire Hazard Severity Zone Viewer available on the California Department of Forestry and Fire Protection's Fire Resource and Assessment Program website (<http://frap.fire.ca.gov>), the Project Site is not located in, or adjacent to, an area designated as a moderate, high, or very high fire hazard severity zone. There is a slight risk of fire occurring during Project construction; however, the risk is less than significant and short-term. Additionally,



construction contract documents for the Project will require construction contractors to comply with safety standards specified in Title 8 of the California Code of Regulations and that any equipment or machinery that poses a risk of emitting sparks or flame be equipped with an arrestor, thereby further limiting potential impacts. For these reasons, construction and operation of the Project will not expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires.

Issue X. Hydrology and Water Quality

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☐	☒

The Project includes replacing existing water main pipelines with ductile iron pipe, incorporating special joints where necessary, to improve resilience in the event of an earthquake. Due to the depth of groundwater, trench dewatering is not anticipated to be necessary. Dechlorinated disinfection and testing water will be discharged to local storm drainage facilities in accordance with the requirements of the Santa Ana Regional Water Quality Control Board. The Project will comply with all applicable water quality standards, waste discharge requirements, and all of the requirements of the Santa Ana Regional Water Quality Control Board. For these reasons, the Project will not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☒

The Project does not have a water demand beyond that required during construction. Therefore, the Project does not have the potential to substantially decrease groundwater supplies or interfere substantially with groundwater recharge.



Issue X. Hydrology and Water Quality (Continued)

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or through the addition of impervious surfaces, in a manner which would:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
i) Result in substantial erosion or siltation on- or off-site?	☐	☐	☐	☒
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?	☐	☐	☐	☒
iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	☐	☒
iv) Impede or redirect flood flows?	☐	☐	☐	☒

- i) *The Project includes replacing water main pipelines within existing paved streets. Ground surfaces on the Project Site will be returned to preconstruction conditions upon completion of construction, and the Project will not substantially alter the existing drainage pattern of the site or area, will not increase impervious surfaces in the area, and will not create or contribute substantial sources of runoff or polluted runoff.*
- ii) *Project construction will not increase impervious surfaces on the Project Site. Ground surfaces in the Project area will be returned to preconstruction conditions after installation of the replacement pipelines. For these reasons, the Project will not result in flooding on- or off-site. Refer also to **Issue X(c)(i)** above.*
- iii) *The Project would not create or contribute any runoff water or result in stormwater runoff that would exceed the capacity of existing or planned drainage systems or provide substantial additional sources of polluted runoff. Refer also to **Issues X(c)(i)** and **X(c)(ii)** above.*
- iv) *Project facilities consists of belowground water main pipelines and do not have the potential to impede or redirect flood flows. Refer also to **Issues X(c)(i)** through **X(c)(iii)** above.*



Issue X. Hydrology and Water Quality (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?	☐	☐	☐	☒

The Project Site is located within the areas mapped on Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps No. 06071C7944H and 06071C7963H, effective 08/28/2008, and within FEMA Flood Insurance Rate Maps No. 06071C8701J and 06071C8682J, effective 09/02/2016, available at the FEMA Map Service Center website, <https://www.msc.fema.gov/portal/home>. The portion of the Project Site located within Baseline Street extending from Warm Creek east to Sterling Avenue is in an area mapped as "Special Flood Hazard Areas Without Base Flood Elevations", while the nearby portions of Warm Creek are mapped as "Regulatory Floodway". The rest of the Project Site is within areas mapped as "Other Areas of Flood Hazard—Area with Reduced Flood Risk due to Levee". Based on the California Official Tsunami Inundation Maps available on the California Department of Conservation website at <https://www.conservation.ca.gov/cgs/tsunami/maps>, there are no tsunami inundation areas mapped within San Bernardino County. There are no water bodies of sufficient size located near the Project Site that would put the site at risk of a seiche. Since the Project consists of replacement of belowground water pipelines, it does not have the potential to release pollutants as a result of inundation in the area.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒

The water quality control plan applicable to the Project Site is the Water Quality Control Plan for the Santa Ana River Basin Region, amended through June 2019. The Project does not include features that will conflict with or obstruct water quality policies or objectives, and will not conflict with or obstruct implementation of the water quality control plan cited above.

There is no Sustainable Groundwater Management Act (SGMA) document applicable to the Project area according to the Department of Water Resources SGMA website at <https://sgma.water.ca.gov/portal/gsp/status>.



For the reasons described above, the Project will not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

Issue XI. Land Use and Planning

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project physically divide an established community?	☐	☐	☐	☒

The Project includes replacement of belowground water main pipelines located within existing paved streets and does not have the potential to physically divide an established community.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

The Project Site is located within existing paved streets in an urban area, and construction and operation of the Project will not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

Issue XII. Mineral Resources

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒

The Project is located within existing paved streets in an urban area, which are not known to contain any mineral resources that would be of value to the region or to the residents of the state. The Project would not impact the availability of any known mineral resources or mineral resource recovery sites. For these reasons, the Project would not 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.



Issue XII. Mineral Resources (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?	☐	☐	☐	☒

*The Project will not 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. Refer also to **Issue XII(a)** above.*

Issue XIII. Noise

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐

The Project will generate noise during construction and operation of Project facilities. Noise generated during construction would be that resulting from construction equipment and from workers' vehicles commuting to and from the Project Site.

Construction noise and hours that construction takes place will comply with the San Bernardino County Development Code, "General Performance Standards Ch. 83.01, Section 83.01.080 Noise"; City of Highland Municipal Code Chapter 8.50, Noise Control; and City of San Bernardino Municipal Code Chapter 8.54, Noise Control, as well as any restrictions on hours during which construction can take place in the various jurisdictions, as applicable. The Project will not generate noise during ongoing operation.

For the reasons described above, the Project will not result in generation of a substantial temporary or permanent increase in ambient noise levels in excess of standards established for the area.



Issue XIII. Noise (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐

*The Project is expected to result in groundborne vibration and groundborne noise at adjoining properties during Project construction. Groundborne vibration or groundborne noise generated during Project construction will take place during daytime hours and will be short-term. Ongoing Project operation will not generate groundborne vibration or groundborne noise. For these reasons, the Project will not result in the generation of excessive groundborne vibration or groundborne noise levels. Refer also to **Issue XIII(a)** above.*

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) For a project located within the vicinity of a private airstrip or 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?	☐	☐	☐	☒

The airport nearest the Project Site is the San Bernardino International Airport, located approximately one mile southerly of the Project area. Based on maps included in the San Bernardino County Airport Layout Plan Narrative Report (adopted November 2010 by the San Bernardino International Airport Authority), the Project Site does not lie within a compatibility zone or a noise compatibility contour of the San Bernardino International Airport. For these reasons, the Project will not expose people residing or working in the Project area to excessive noise levels related to airports.

Issue XIV. Population and Housing

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of road or other infrastructure)?	☐	☐	☐	☒

The Project is intended to improve resiliency of the water mains in the Project area during a seismic event. The Project does not provide an additional water supply and would not induce substantial unplanned growth in the area. Further, the Project would not result in a need for EVWD to hire



additional employees. For these reasons, the Project does not have the potential to induce population growth in the area, either directly or indirectly.

Issue XIV. Population and Housing (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

The Project is located within existing paved streets, does not include the construction or destruction of any housing, and does not have the potential to displace any existing people or housing.

Issue XV. Public Services

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
i) Fire protection?	☐	☐	☐	☒
ii) Police protection?	☐	☐	☐	☒
iii) Schools?	☐	☐	☐	☒
iv) Parks?	☐	☐	☐	☒
v) Other public facilities?	☐	☐	☐	☒

i) The Project does not include any features or facilities that would require additional or enhanced fire protection resources.

ii) The Project does not include any features or facilities that would require enhanced levels of police protection.

iii) The Project does not have the potential to increase or decrease the area's population and would therefore not result in a greater or lesser demand for schools. The Project will not adversely impact any school.



- iv) *The Project does not have the potential to increase or decrease the area's population, and therefore will not result in a greater or lesser demand for parks. The Project will not adversely impact any park.*
- v) *The Project will not adversely affect other public facilities.*

Issue XVI. 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?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

*Construction and operation of the Project do not have the potential to increase or decrease the area's population, and would therefore not result in increased or decreased use of parks or other recreational facilities. Refer also to **Issue XIV(a)** herein.*

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?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The Project does not include recreational facilities and will not require the construction or expansion of any recreational facilities.

Issue XVII. Transportation

a) Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☒	☐

Minor, temporary impacts to traffic, such as temporary lane closures, are expected to occur during construction of the Project due to workers' vehicles and construction vehicles and equipment in the Project area; however, said impacts will be less than significant and short-term. Vehicle access to enter and exit properties adjacent to the pipeline construction will be maintained during construction, and the construction contractor will be required to maintain unobstructed access to emergency vehicles.



Operation of the Project will not result in any impacts to transportation facilities. For these reasons, construction and operation of the Project will not conflict with a program, plan, ordinance, or policy addressing the circulation system.

Issue XVII. Transportation (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐

Construction of the Project is expected to result in approximately ten workers' vehicles traveling to and from the Project area per day. For the purposes of this analysis, we have assumed that workers will commute a total of 40 miles per day each, round-trip, which results in a total of 400 vehicle miles traveled (VMT) per day during construction. This amount of daily VMT will only occur during Project construction and is not significant considering the existing traffic levels in the area and the short-term nature of construction. Operation of the Project will not result in any daily vehicle trips; therefore, no increase in VMT will result from operation of the Project. For these reasons, construction and operation of the Project will not conflict or be inconsistent with CEQA Guidelines section 15064.3(b).

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒

Road surfaces will be returned to preconstruction conditions after installation of the new pipelines. No road improvements are included in the Project. Therefore, construction and operation of the Project will not substantially increase hazards due to a geometric design feature or incompatible uses.



Issue XVII. Transportation (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Would the project result in inadequate emergency access?	☐	☐	☐	☒

Access for vehicles to enter and exit properties adjacent to the pipeline construction will be maintained during construction, and the construction contractor will be required to maintain unobstructed access to emergency vehicles. For these reasons, the Project will not result in inadequate emergency access.

Issue XVIII. Tribal Cultural Resources

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☐	☒
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

- i) *The Project consists of replacing existing water main pipelines located within existing paved streets. The streets and underlying sediments have been previously disturbed during construction of the streets and existing utilities thereunder. There are no known tribal cultural resources located along the pipeline alignments.*

However, to avoid or reduce potential impacts upon tribal cultural resources that may be present in subsurface sediments, Mitigation Measure TCR-1 is incorporated into the Project.



*Mitigation Measure TCR-1 is summarized in **Issue VIII(a)(2)** below and is set forth in the Mitigation Monitoring and Reporting Program for the Project, a copy of which is included in **Appendix A** herein. With incorporation of Mitigation Measure TCR-1, the Project will not cause a substantial adverse impact upon a tribal cultural resource with cultural value to a California Native American tribe that is listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources.*

- ii) *On July 20, 2023, EVWD sent formal notification letters to Yuhaaviatam of San Manuel (formerly San Manuel Band of Mission Indians), Gabrieleño Band of Mission Indians – Kizh Nation, and Morongo Band of Mission Indians, informing the tribes of the Project and of the opportunity to request consultation on the Project with EVWD within 30 days after receipt of the notification letter.*

Yuhaaviatam of San Manuel Nation

In response to the District's notification letter, Yuhaaviatam of San Manuel Nation replied via email requesting copies of additional documentation pertaining to the Project. After receiving the requested documents, the tribe then requested that certain mitigation be included in the Project.

Gabrieleño Band of Mission Indians – Kizh Nation

In response to the District's notification letter, Gabrieleño Band of Mission Indians – Kizh Nation requested to consult on the Project; however, the tribe did not respond to further communications from the District.

Morongo Band of Mission Indians

In response to the District's notification letter, Morongo Band of Mission Indians submitted a response letter; however, the letter was received on September 20, 2023, sixty days after the formal notification was sent out.

*To avoid or reduce potential impacts upon tribal cultural resources that may be present in subsurface sediments, Mitigation Measure TCR-1 is incorporated into the Project. Mitigation Measure TCR-1 is summarized below and is set forth in the Mitigation Monitoring and Reporting Program for the Project, a copy of which is included in **Appendix A** herein. With incorporation of Mitigation Measure TCR-1, the Project will not cause a substantial adverse*



impact upon a significant tribal cultural resource with cultural value to a California Native American tribe.

Mitigation Measure TCR-1: Tribal Cultural Resources

The Yuhaaviatam of San Manuel Nation Cultural Resources Department (YSMN) shall be contacted, as detailed in Mitigation Measure CUL-1, of any pre-contact or historic-era cultural resources discovered during project implementation, and be provided information regarding the nature of the find, so as to provide Tribal input with regard to significance and treatment of the find. Should the find be deemed significant, as defined by CEQA, a cultural resources Monitoring and Treatment Plan shall be developed by the archaeologist, in coordination with YSMN, and all subsequent finds shall be subject to said plan. The Monitoring and Treatment Plan shall allow for a monitor to be present that represents YSMN for the remainder of the project, should YSMN elect to place a monitor onsite. Any and all archaeological/cultural documents created as a part of the project (isolate records, site records, survey reports, testing reports, etc.) shall be provided to East Valley Water District for dissemination to YSMN. EVWD will consult in good faith with YSMN throughout the project.

Issue XIX. Utilities and Service Systems

a) Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the relocation or construction of which could cause significant environmental effects?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☒	☐

*The Project consists of replacement of existing water main pipelines, as described in **Part 1(B)** herein. The Project will not require or result in the relocation or construction of new or expanded water, wastewater treatment, storm water drainage, electric power, natural gas, or telecommunications facilities.*



Issue XIX. Utilities and Service Systems (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☐	☒

Water needed during construction, such as for dust control, will be available from EVWD's existing water supplies, and construction water demand will be less than significant and short-term. Operation of the Project will not result in an increase in water demand in the Project area. For these reasons, the Project has sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒

The Project will not generate sanitary wastewater.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Would the project generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐

Project operation will not generate solid waste. Small quantities of solid waste may be generated during Project construction; however, said quantities of solid waste would be minimal and would be recycled or accommodated by a local landfill. For these reasons, the project will not generate solid waste in excess of state or local standards or in excess of the capacity of local infrastructure. Further, the Project will not impair the attainment of solid waste reduction goals.



Issue XIX. Utilities and Service Systems (Continued)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒

The Project will comply with all federal, state, and local statutes and regulations related to solid waste.

*Refer also to **Issue XIX(d)** above.*

Issue XX. Wildfire

If the Project is located in or near state responsibility areas or lands classified as very high fire hazard severity zones:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒

Based on maps available on the California Board of Forestry and Fire Protection State Responsibility Area Viewer, the Project is not located within or near a state responsibility area (SRA) or a very high fire hazard severity zone. The nearest very high fire hazard severity zone is located approximately two miles northerly of the Project. The Project does not have the potential to substantially impair an adopted emergency response plan or emergency evacuation plan.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Due to slope, prevailing winds, or other factors, would the project exacerbate wildfire risks and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒

*The Project is located within existing paved streets within an urban area, is not located within or near a very high fire hazard severity zone or a State Responsibility Area, and will not exacerbate wildfire risks. Refer also to **Issue XX(a)** above.*



Issue XX. Wildfire (Continued)

c) Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

*The Project is located within existing paved streets within an urban area and is not located within or near a very high fire hazard severity zone or a State Responsibility Area. Further, the Project does not require the installation or maintenance of associated infrastructure that will exacerbate fire risk or result in temporary or ongoing impacts to the environment related to fire risk. Refer also to **Issue XX(a)** above.*

d) Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslide, as a result of runoff, post-fire slope instability, or drainage changes?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

The Project Site is relatively flat and, after completion of construction, disturbed surfaces will be returned to preconstruction conditions. Construction and operation of the Project will not expose people or structures to significant risks, including downslope or downstream flooding or landslide as a result of runoff, post-fire slope instability, or drainage changes.

Issue XXI. Mandatory Findings of Significance

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☒	☐	☐

➤ Biological Resources

*As described in **Issue IV** herein, the Project Site is located within existing paved streets in an urban setting, surrounded by residential and commercial uses and does not contain any habitat suitable for sensitive species. Although a portion of the pipeline to be replaced within Baseline Street crosses*



Warm Creek, the pipeline will be installed beneath the creek using trenchless technology, avoiding contact with the creek. After installation of the replacement pipelines, all ground surfaces will be returned to preconstruction conditions. For these reasons, the Project will not adversely impact any fish or wildlife species or habitats thereof.

➤ **Archaeological and Historical Resources**

*As described in **Issue V** herein, the Project site has been previously disturbed by installation of the existing streets and underlying utilities, such as pipelines. There are no known historical or archaeological resources located within the Project Site; however, to avoid or reduce potential impacts upon any previously undiscovered historical or archaeological resources that may be uncovered during Project construction, Mitigation Measure CUL-1 is incorporated into the Project. Mitigation Measure CUL-1 is set forth in the Mitigation Monitoring and Reporting Program for the Project, a copy of which is attached to the Mitigated Negative Declaration included in **Appendix A** herein. With incorporation of Mitigation Measure CUL-1, the Project will not eliminate important examples of the major periods of California history.*

➤ **Paleontological Resources**

*As described in **Issue VII(f)** herein, there are no known paleontological resources present on the Project Site. To avoid adverse impacts upon any previously undiscovered paleontological resources that may be present in subsurface soils at the Project Site, Mitigation Measure PALEO-1 is incorporated into the Project. Mitigation Measure PALEO-1 is set forth in the Mitigation Monitoring and Reporting Program for the Project, a copy of which is included in **Appendix A** herein. With incorporation of Mitigation Measure PALEO-1, the Project will not eliminate important examples of the major periods of California prehistory.*



Issue XXI. Mandatory Findings of Significance (Continued)

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.)	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

None of the impacts or potential impacts of the Project are cumulatively considerable.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

As described herein, none of the environmental effects of the Project will cause substantial adverse effects on human beings, either directly or indirectly.

PART 3
REFERENCES AND SOURCES

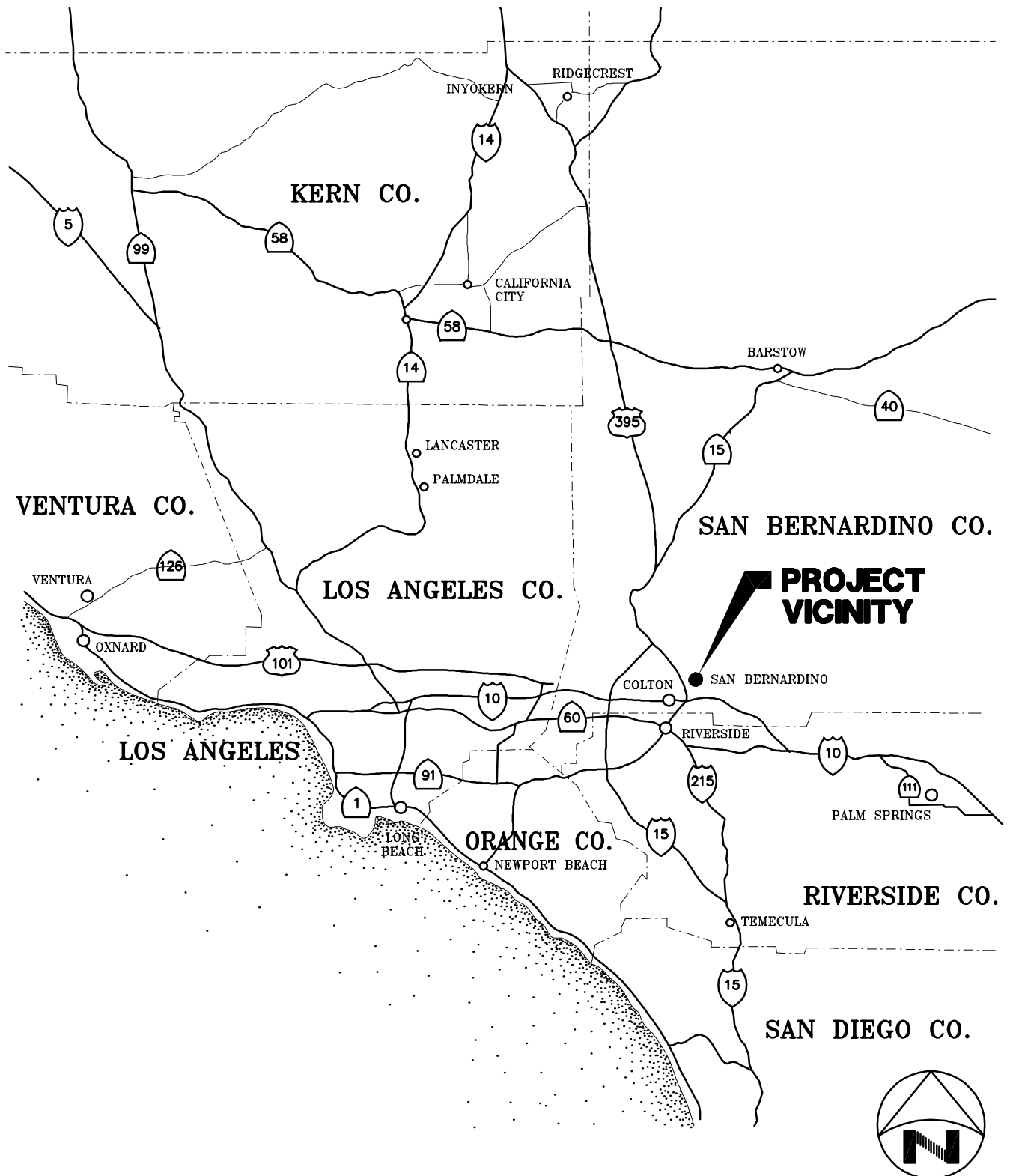
PART 3 - REFERENCES AND SOURCES

- California Air Resources Board Website for California Ambient Air Quality Standards, www.arb.ca.gov/resources/california-ambient-air-quality-standards
- California Board of Forestry and Fire Protection State Responsibility Area Viewer, bof.fire.ca.gov/projects-and-programs/state-responsibility-area-viewer
- California Department of Conservation, Division of Land Resources Protection, California Important Farmland Finder, <https://maps.conservation.ca.gov/DLRP/CIFF>
- California Code of Regulations, Title 14, Division 6, Chapter 3; Guidelines for Implementation of the California Environmental Quality Act, Section 15000 *et seq*; as amended December 28, 2018
- California Department of Conservation Tsunami Program Website, conservation.ca.gov/cgs/tsunami/maps
- California Department of Toxic Substances Control Website, EnviroStor Database, www.envirostor.dtsc.ca.gov/public
- California Department of Transportation California Scenic Highway Mapping System Website, www.dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways
- California Emissions Estimator Model® (CalEEMod) Software, Version 2022.1.1.7, online at caleemod.com
- City of Highland Municipal Code, codepublishing.com/CA/Highland, updated through January 10, 2023
- City of San Bernardino Code of Ordinances, codelibrary/amlegal.com/codes/sanbernardinoca/latest/sanbernardino_ca/0-0-0-1, updated through March 15, 2023
- Federal Emergency Management Agency (FEMA) Map Service Center Website, www.msc.fema.gov
- Fire Hazard Severity Zone Viewer, Fire Resource and Assessment Program, California Department of Forestry and Fire Protection, <https://frap.fire.ca.gov>
- Google Earth Pro, Version 7.3.6.9345
- Office of the State Fire Marshal Website, osfm.fire.ca.gov
- San Bernardino County Code of Ordinances, codelibrary/amlegal.com/codes/sanbernardino/latest/sanbercncty_ca/0-0-0-146479, last updated February 28, 2023
- San Bernardino County Countywide Plan, County Policy Plan, September 2022, at countywideplan.com/resources
- South Coast Air Quality Management District Website, www.aqmd.gov
- State Water Resources Control Board Website, www.waterboards.ca.gov/waterboards_map.html

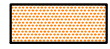
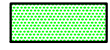
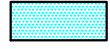


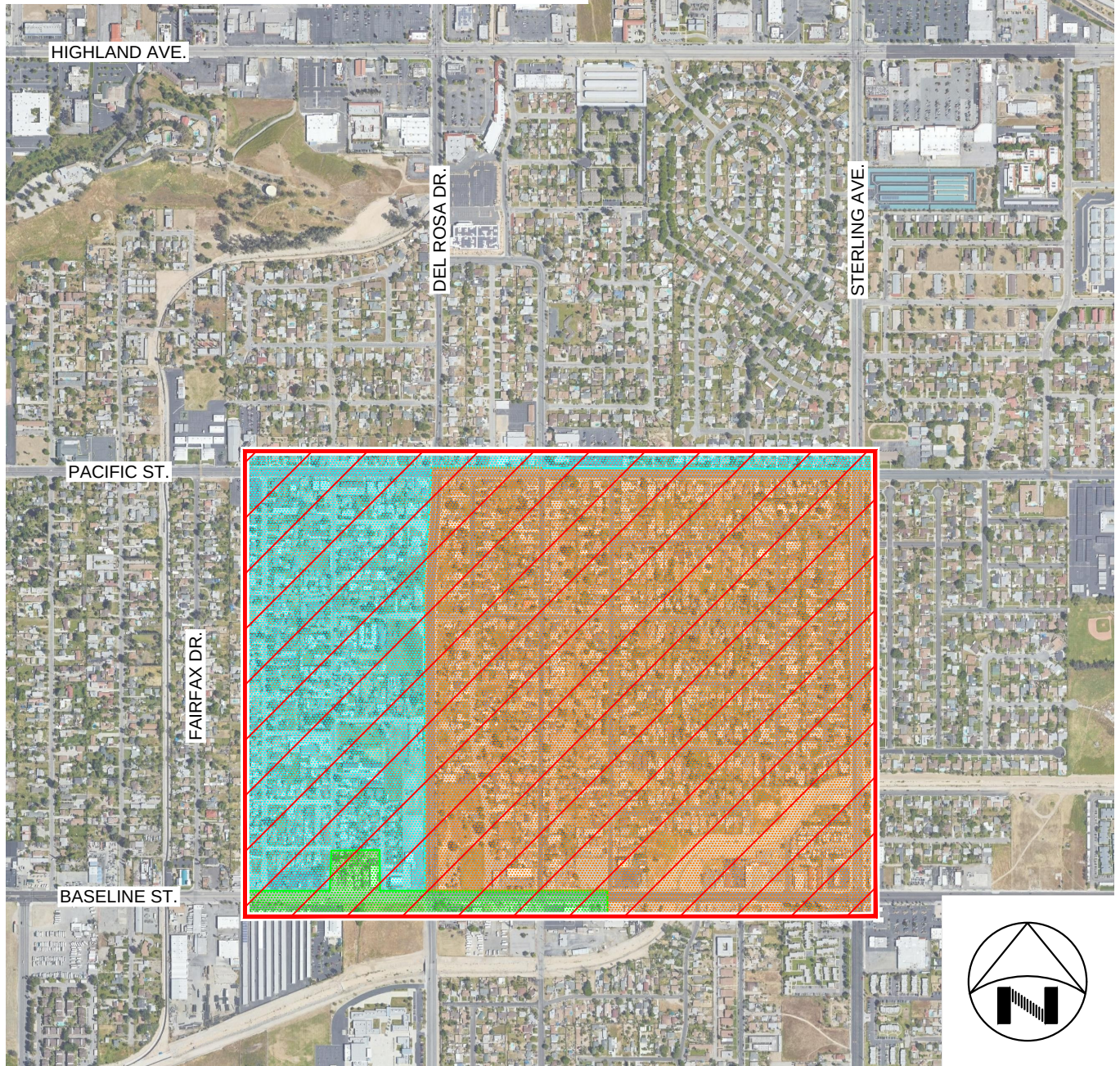
- Sustainable Groundwater Management Act (SGMA) Groundwater Management Website, water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management
- United States Environmental Protection Agency Website for National Ambient Air Quality Standards, www.epa.gov/criteria-air-pollutants
- [Upper Santa Ana River Watershed 2020 Integrated Regional Urban Water Management Plan](#), Water Systems Consulting, Inc. and Woodard & Curran, June 2021

FIGURES



LEGEND

-  PROJECT AREA
-  CITY OF HIGHLAND
-  CITY OF SAN BERNARDINO
-  UNINCORPORATED SAN BERNARDINO COUNTY



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Engineering Consultants
3602 University Avenue • Riverside, CA 92501
www.kriegerandstewart.com • 951 • 684 • 6900

EAST VALLEY WATER DISTRICT
WATER MAIN SEISMIC RETROFIT PROJECT
PROJECT AREA

FIGURE

2

OF 3

SCALE: 1"=1000'

DATE: 05/22/23

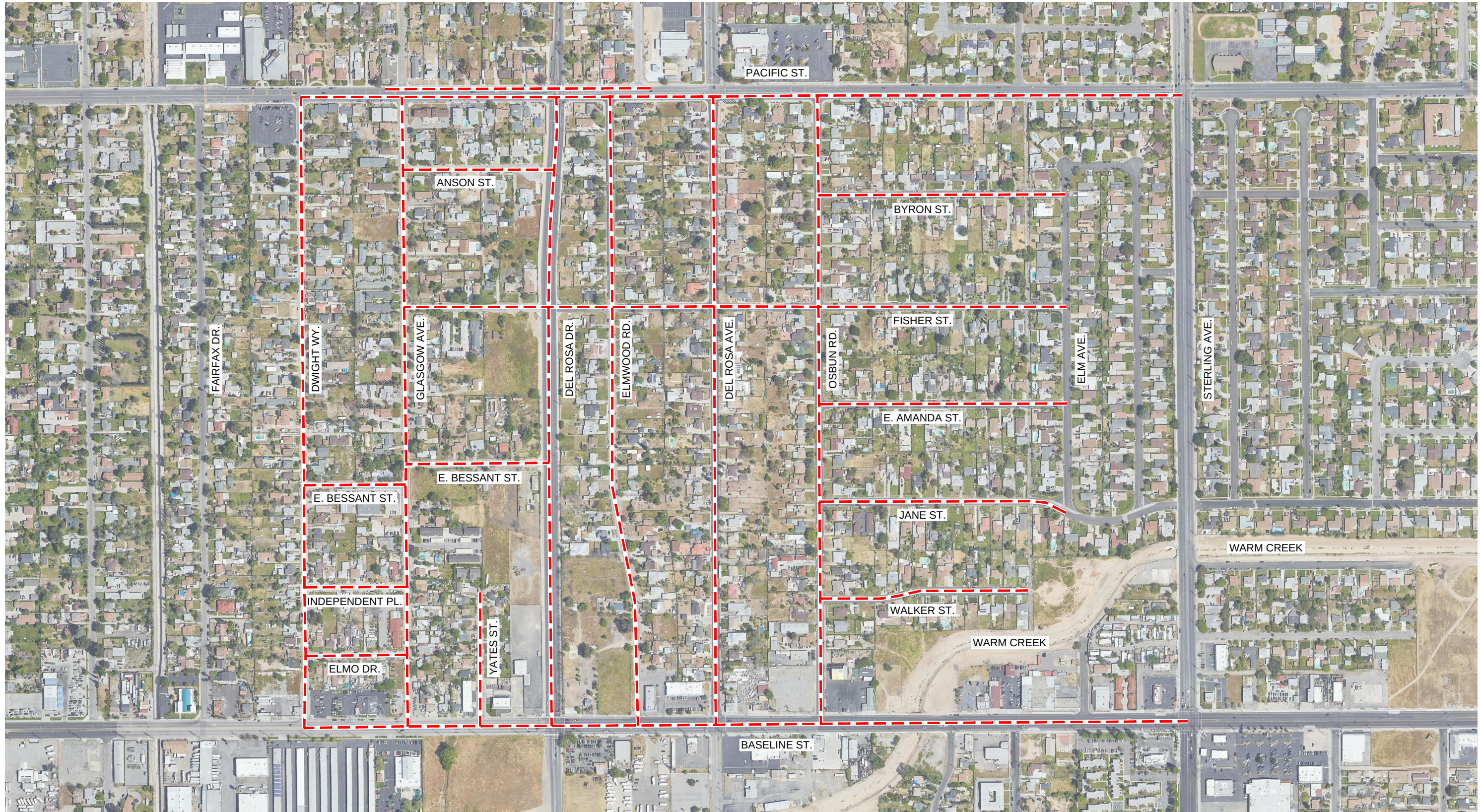
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CHECKED BY: VEM

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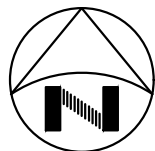
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LEGEND:

--- EXISTING WATERLINE TO BE REPLACED



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SCALE: 1"=400'

DATE: 05/22/23

EAST VALLEY WATER DISTRICT

**WATER MAIN SEISMIC RETROFIT PROJECT
PROJECT LOCATION**

DRAWN BY: TMW

CHECKED BY: VEM

W.O.: 574-9.4

FIGURE

3

OF 3

APPENDIX A

**DRAFT MITIGATED NEGATIVE DECLARATION
AND
MITIGATION MONITORING AND REPORTING PROGRAM**

**EAST VALLEY WATER DISTRICT
WATER MAIN SEISMIC RETROFIT PROJECT
DRAFT MITIGATED NEGATIVE DECLARATION**

Project: EVWD's Water Main Seismic Retrofit Project (the Project) consists of the replacement of approximately 35,000 linear feet (LF) of existing potable water main pipelines that are considered susceptible to damage due to ground shaking from earthquakes. The water main pipelines will be replaced with ductile iron pipe, incorporating special joints where needed, to improve resilience of the pipelines in case of a seismic event. A more detailed description of the Project is included in the Project Initial Study. A copy of the Project Initial Study is available for review at East Valley Water District's office, located at the address referenced below.

Location: The Project is located within public street rights-of-way within the City of Highland, the City of San Bernardino, and within an unincorporated portion of the County of San Bernardino, in the following streets: Pacific Street, Dwight Way, E. Bessant Street, Independent Place, Elmo Drive, Yates Street, Glasgow Avenue, Anson Street, Del Rosa Drive, Elmwood Road, Del Rosa Avenue, Osbun Road, Byron Street, Fisher Street, E. Amanda Street, Jane Street, Walker Street, Sterling Avenue, and Baseline Street. Refer also to Figures 1, 2, and 3 in the Project Initial Study, which is available for review at the District's office located at 31111 Greenspot Road, Highland, CA 92346.

Entity: East Valley Water District

The District's Board of Directors, having conducted a careful and independent review of the Initial Study for the Project, having reviewed the written comments received prior to the public meeting of the Board, and having heard at a public meeting of the Board the comments of any and all concerned persons or entities, including the recommendation of District staff, does hereby find and declare that the Project will not have a significant effect on the environment. A brief statement of the reasons supporting the Board's findings is as follows:

Construction and operation of the Project as modified will not result in significant adverse impacts upon any threatened or endangered species of plants or animals, nor will it result in damage to or destruction of any significant examples of California history or prehistory or tribal cultural resources. Potential impacts related to historical/archaeological/paleontological/tribal cultural resources will be avoided or reduced by adhering to the terms of a Mitigation Monitoring and Reporting Program (see Exhibit A, attached, which is incorporated herein by reference) throughout construction of the Project.

The Board of Directors hereby finds that the Mitigated Negative Declaration reflects its independent judgment. The Initial Study was prepared by Krieger & Stewart, the District's Consulting Engineer for this project. The Initial Study may be viewed at the office of the East Valley Water District located at 31111 Greenspot Road, Highland, CA 92346.

Date: _____

Michael Moore
General Manager/CEO
EAST VALLEY WATER DISTRICT

MITIGATION MONITORING AND REPORTING PROGRAM
EXHIBIT A TO THE MITIGATED NEGATIVE DECLARATION

Section I – Introduction

Section 21081.6 of the California Environmental Quality Act (CEQA) requires that a mitigation monitoring program be prepared prior to the approval of any project which incorporates mitigation measures as a condition of approval. Mitigation measures are generally adopted to reduce the potentially significant adverse environmental impacts of a project to a level that is less than significant. The mitigation monitoring program must ensure compliance with mitigation measures prior to and during project construction (and, if applicable, during project operation).

Since the project considered by the Initial Study for the East Valley Water District's Water Main Seismic Retrofit Project (Project) incorporates mitigation measures as a condition of approval, this mitigation monitoring and reporting program has been prepared and incorporated into the Mitigated Negative Declaration for the Project.

Section II – Historical and Archaeological Resources Mitigation Measures and Mitigation Monitoring and Reporting Program

As discussed in Issue V of the Project Initial Study, the Project would not result in an adverse impact upon any known historical or archaeological resources (cultural resources). This Mitigation Monitoring and Reporting Program is intended to avoid or reduce the potential for impacts by the Project upon previously-undiscovered cultural resources that may be present in subsurface soil deposits by specifying methods and procedures for avoiding or reducing such impacts.

The following mitigation measures (**CUL-1 and CUL-2**) will be implemented in order to ensure that construction of Project facilities does not result in significant adverse impacts upon any previously-undiscovered cultural resources that may be uncovered during Project construction. Each measure is attended by a notation of the party responsible for its implementation and of the period for which it will be in effect.

CUL-1: Cultural Resources

In the event that cultural resources are discovered during Project activities, all work in the immediate vicinity of the find (within a 60-foot buffer) shall cease and a qualified archaeologist meeting Secretary of Interior standards shall be hired to assess the find. Work on the other portions of the Project outside the buffered area may continue during this assessment period. Additionally, the Yuhaaviatam of San Manuel Nation Cultural Resources Department (YSMN) shall be contacted, as detailed within Mitigation TCR-1, regarding any pre-contact and/or historic-era finds and be provided information after the archaeologist makes an initial assessment of the nature of the find, so as to provide Tribal input with regard to significance and treatment of the find.

If significant pre-contact and/or historic-era cultural resources, as defined by CEQA, are discovered and avoidance cannot be ensured, the archaeologist shall develop a Monitoring and Treatment Plan, the drafts of which shall be provided to YSMN for review and comment, as detailed within Mitigation Measure TCR-1. The archaeologist shall monitor the remainder of Project construction and implement the Monitoring and Treatment Plan accordingly.

Responsible Party: EVWD Project Manager

Implementation Period: During Ground Disturbing Activities

CUL-2: Human Remains

In the event that any human remains or funerary objects are encountered during any activities associated with Project construction, the construction contractor shall halt or divert all work within a 100-foot radius of the find and will immediately notify the San Bernardino County Coroner's Office and East Valley Water District (EVWD). Construction activities will not resume until EVWD notifies the construction contractor to resume construction activities. California Health and Safety Code Section 7050.5 will be enforced for the duration of the Project.

Responsible Party: EVWD Project Manager

Implementation Period: During Ground Disturbing Activities

Section III – Paleontological Resources Mitigation Measures and Mitigation Monitoring and Reporting Program

As discussed in Issue VII of the Project Initial Study, there are no known paleontological resources present on or adjacent to the Project site. This Mitigation Monitoring and Reporting Program is intended to avoid or reduce the potential for impacts by the Project upon previously-undiscovered paleontological resources

that may be present in subsurface soil deposits by specifying methods and procedures for avoiding or reducing such impacts.

The following mitigation measure (**PALEO-1**) will be implemented in order to ensure that construction of Project facilities does not result in significant adverse impacts upon any previously-undiscovered paleontological resources that may be uncovered during Project construction. The measure is attended by a notation of the party responsible for its implementation and of the period for which it will be in effect.

PALEO-1: Paleontological Resources

The following measures will be implemented to protect any paleontological resources uncovered during ground disturbance during Project construction:

- If a potential paleontological resource is uncovered during Project construction, all work within a 50-foot radius of the discovery shall be halted until a qualified paleontologist evaluates the nature and significance of the find.
- If the qualified paleontologist determines that a specimen uncovered during Project construction is potentially significant, then all future ground-disturbing actions associated with the Project will be monitored by a qualified paleontological monitor.
- Specimens recovered from the Project site by the qualified paleontological monitor will be, in accordance with standard paleontological practice, identified and curated at a repository with permanent retrievable storage that will allow for additional research in the future.

Responsible Party: EVWD Project Manager

Implementation Period: During (and possibly after) Ground Disturbing Activities

Section IV – Tribal Cultural Resources Mitigation Measures and Mitigation Monitoring and Reporting Program

As discussed in Issue XVIII of the Project Initial Study, there are no known tribal cultural resources or other cultural resources on the Project site, and the Project would not result in an adverse impact upon any known tribal cultural resources. This Mitigation Monitoring and Reporting Program is intended to avoid or reduce the potential for impacts by the Project upon previously-undiscovered tribal cultural resources that may be present in subsurface soil deposits by specifying methods and procedures for avoiding or reducing such impacts.

The following mitigation measure (**TCR-1**) will be implemented in order to ensure that construction of Project facilities does not result in significant adverse impacts upon any previously-undiscovered tribal cultural resources that may be uncovered during Project construction. The measure is attended by a notation of the party responsible for its implementation and of the period for which it will be in effect.

TCR-1: Tribal Cultural Resources

The Yuhaaviatam of San Manuel Nation Cultural Resources Department (YSMN) shall be contacted, as detailed in Mitigation Measure CUL-1, of any pre-contact or historic-era cultural resources discovered during Project implementation, and be provided information regarding the nature of the find, so as to provide Tribal input with regard to significance and treatment of the find. Should the find be deemed significant, as defined by CEQA, a cultural resources Monitoring and Treatment Plan shall be developed by the archaeologist, in coordination with YSMN, and all subsequent finds shall be subject to said plan. The Monitoring and Treatment Plan shall allow for a monitor to be present that represents YSMN for the remainder of the Project, should YSMN elect to place a monitor onsite. Any and all archaeological/cultural documents created as a part of the Project (isolate records, site records, survey reports, testing reports, etc.) shall be provided to East Valley Water District for dissemination to YSMN. EVWD will consult in good faith with YSMN throughout the Project.

Responsible Party: EVWD Project Manager

Implementation Period: During Project Construction

APPENDIX B

AIR QUALITY CALCULATIONS

Water Main Seismic Retrofit Project Summary Report

Table of Contents

- 1. Basic Project Information
 - 1.1. Basic Project Information
 - 1.2. Land Use Types
 - 1.3. User-Selected Emission Reduction Measures by Emissions Sector
- 2. Emissions Summary
 - 2.1. Construction Emissions Compared Against Thresholds
 - 2.4. Operations Emissions Compared Against Thresholds
- 6. Climate Risk Detailed Report
 - 6.2. Initial Climate Risk Scores
 - 6.3. Adjusted Climate Risk Scores
- 7. Health and Equity Details
 - 7.3. Overall Health & Equity Scores
 - 7.5. Evaluation Scorecard

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Water Main Seismic Retrofit Project
Construction Start Date	8/1/2023
Operational Year	2023
Lead Agency	East Valley Water District
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	11.2
Location	34.12570921240665, -117.25116137354016
County	San Bernardino-South Coast
City	Highland
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5177
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.7

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Apartments Mid Rise	NaN	Dwelling Unit	223	0.00	9,711,843	—	53,000	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.42	1.19	8.13	8.37	0.03	0.32	0.00	0.32	0.29	0.00	0.29	—	2,994	2,994	0.12	0.02	—	3,004
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.42	1.19	8.13	8.37	0.03	0.32	0.00	0.32	0.29	0.00	0.29	—	2,994	2,994	0.12	0.02	—	3,004
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.15	0.12	0.85	0.87	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	—	312	312	0.01	< 0.005	—	313
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.02	0.15	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	—	51.6	51.6	< 0.005	< 0.005	—	51.8

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	0.00	—	—	0.00	—	6,381	—	—	—	—	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,381	0.00	6,381	638	0.00	0.00	22,326
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	6,381	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	1,056	—	—	—	—	—	—

6. Climate Risk Detailed Report

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

7. Health and Equity Details

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0
Healthy Places Index Score for Project Location (b)	6.00
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

- a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
- b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.