

Draft Mitigated Negative Declaration

WARD: 5

1. **Project Title:** Mockingbird Canyon Reservoir Mechanical Excavation Project
2. **Meeting Date:** **October 1st, 2013 at 6:30 p.m.**
3. **Lead Agency:** City of Riverside
Public Utilities Department
Water Division
3750 University Ave, 3rd Floor
Riverside, CA 92501
4. **Contact Person:** Matthew Bates, Utilities Senior Water Engineer
Phone Number: (951) 826-5116
5. **Project Location:** The Project is located approximately 1.5 miles south of State Route 91 (SR-91) and is bounded by Van Buren Blvd on the west, Jackson St on the east, Firethorn Ave on the south and is approximately 0.6 miles south of Dufferin Ave. The Project encompasses APN: 238-190-001 & 238-190-003.
6. **Project Applicant/Project Sponsor's Name and Address:**

Riverside Public Utilities Department, Water Division
3750 University Avenue, 3rd Floor
Riverside, CA 92501
7. **General Plan Designation:** P – Public Park
8. **Zoning:** RA-5 – Residential Agricultural

Description of Project: The City of Riverside Public Utilities Department (RPU) proposes to remove sediment impacting the function and operation of the outlet structure at Mockingbird Canyon Reservoir (“Reservoir”) and Dam (Attachment 2). This work will be performed after the Reservoir is drained, using heavy earth-moving equipment.

The project will mechanically excavate, using heavy equipment, between 9,000 CY and 15,000 CY of material, with the material to be disposed nearby on an 8.9 acre City-owned property (APN 238-190-003) adjacent to and outside jurisdictional areas as described herein. The area to be excavated extends from the outlet structure extending upstream to the narrowest part of the lake (Attachment 3).

The work will be performed with the Reservoir empty to facilitate working quickly during the limited time available that the Reservoir can remain out of service. The Reservoir is used as a flood control and water retention facility, and as a regulating storage facility for the Gage Canal Company, which runs across the upstream face of the dam. The Reservoir level is controlled by Gage Canal and changes depending on irrigation, flood control, or maintenance related releases. However, the City is mandated to maintain the water surface elevation below 970 feet above mean sea level (per amended judgment No. 128997, Riverside Superior Court 1983). The Reservoir is expected to be taken out of service for a period of 6-8 weeks during performance of this work during the winter months between November and February to: 1) minimize the impacts on irrigation customers and 2) complete work outside the bird nesting season. The Public Utilities Department will coordinate with Gage Canal to take the Reservoir temporarily out-of-service. Releases shall be regulated and shall not impact downstream structures or citizens.

As soon as the sediments adequately de-water (expected to take several weeks), excavation of sediments will begin. No water, fill, or excavated material will be introduced into the Reservoir area. Access into the basin will be via the existing access ramp, which has been used previously for this purpose, and also serves as an existing boat access ramp. A removable, floating, ballasted, anchored, and cable-stayed silt barrier shall be installed across the lake at its narrowest point. The purpose is to retard sediment migration to the outlet structure and reduce the frequency of repeating this project of sediment removal.

Material shall be excavated directly into the dump trucks, and hauled to the disposal site via one or more of the three haul route options (Attachment 4) to the sediment deposition area (Attachment 5). The area for deposition of material is city owned property. The sediment will be distributed in a manner to not impact any existing drainage patterns and will not impact any riparian vegetation. The sediment will be spread over an area approximately 15,000-30,000 SF (0.35-0.67 acre) at a depth of 1-2 feet.

Equipment is expected to include the following:

- One (1) D-6 Caterpillar bulldozer
- One (1) Motor-grader (Cat 140 M or equivalent).
- Three (3) tracked high-capacity (4-7 CY) excavators. Caterpillar 325 Excavators or equivalent (Diesel).
- Nine (9) three-axle dump trucks, Cat CTC660 or equivalent (Diesel).
- One (1) Oiler Truck, on a one ton Ford Frame, or equivalent (Diesel).

Hours of operations will be between 7:00AM-7:00PM Monday through Friday and, if required, Saturday between 8:00AM-5:00PM.

A Stormwater Pollution Prevention Plan (SWPPP) will be prepared and best management practices will be implemented to preserve water quality. Once grading activities conclude the exposed fill material will be seeded with native seed mix for erosion control and restoration of existing habitat per the specifications of the Western Riverside County Multiple Species Habitat Conservation Plan Section 6.1.4 Guidelines.

This project has been accomplished before, in the early 1960's, and will need to be accomplished on a periodic basis every 3-10 years, as needed, as sediment continues to migrate downstream and impact dam operations. Additional long-term maintenance is anticipated in order to ensure operational integrity of the proposed silt fence.

9. Surrounding land uses and setting: Briefly describe the project's surroundings:

Adjacent Existing Land Use:

North: P – Public Park and A/RR – Agricultural/Rural Residential

East: A/RR – Agricultural/Rural Residential
South: A/RR – Agricultural/Rural Residential
West: A/RR – Agricultural/Rural Residential

Adjacent zoning:

North: RA-5 Residential
East: RA-5 Residential
South: RA-5 Residential
West: RA-5 Residential

10. Other public agencies whose approval is required (e.g., permits, financial approval, or participation agreement.):

- a. California Department of Fish and Wildlife Streambed Alteration Agreement.

11. Documents used and/or referenced in this review:

- a. General Plan 2025
- b. GP 2025 FPEIR
- c. General Biological Resources and MSHCP Compliance Report, Mockingbird Canyon Reservoir Riverside County (2013), prepared by LSA Associates, Inc.. for the City of Riverside Public Utilities.
- d. Determination of Biologically Equivalent or Superior Preservation, Mockingbird Canyon Reservoir Riverside County (2013), prepared by LSA Associates, Inc.. for the City of Riverside Public Utilities.
- e. Biological Assessment for Stephen’s Kangaroo Rat, Mockingbird Canyon Dam Site (1990), City of Riverside, California, prepared by Roger D. Harris for City of Riverside Public Utilities Department
- f. Technical Memo, Sediment Removal and Sediment Protection at the Outlet Structure Of Mockingbird Canyon Lake, MNS Engineers.

12. Acronyms

AICUZ -	Air Installation Compatible Use Zone Study
AQMP -	Air Quality Management Plan
AUSD -	Alvord Unified School District
CDG -	Citywide Design Guidelines
CEQA -	California Environmental Quality Act
CMP -	Congestion Management Plan
EMWD -	Eastern Municipal Water District
EOP -	Emergency Operations Plan
FEMA -	Federal Emergency Management Agency
FPEIR -	GP 2025 Final Programmatic Environmental Impact Report
GIS -	Geographic Information System
GP 2025 -	General Plan 2025
LBV -	Least Bell’s Vireo
LHMP -	Local Hazard Mitigation Plan
MARB/MIP -	March Air Reserve Base/March Inland Port
MJPA-JLUS -	March Joint Powers Authority - Joint Land Use Study
MSHCP -	Multiple-Species Habitat Conservation Plan
MVUSD -	Moreno Valley Unified School District
NCCP -	Natural Communities Conservation Plan
OEM -	Office of Emergency Services
RCALUC -	Riverside County Airport Land Use Commission
RCALUCP -	Riverside County Airport Land Use Compatibility Plan
RCP -	Regional Comprehensive Plan

RCTC - Riverside County Transportation Commission
RMC - Riverside Municipal Code
RPD - Riverside Police Department
RPU - Riverside Public Utilities
RPW - Riverside Public Works
RTP - Regional Transportation Plan
RUSD - Riverside Unified School District
SCAG - Southern California Association of Governments
SCAQMD - South Coast Air Quality Management District
SKR-HCP - Stephens' Kangaroo Rat - Habitat Conservation Plan
SWPPP - Storm Water Pollution Prevention Plan
USGS - United States Geologic Survey
WMWD - Western Municipal Water District
WQMP - Water Quality Management Plan

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ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

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

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

DETERMINATION: (To be completed by the Lead Agency)

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

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

The City of Riverside finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

The City of Riverside finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

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

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

Signature _____

Date _____

Printed Name & Title _____

For City of Riverside



Environmental Initial Study

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 may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an 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 Analysis 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 measure 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) 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 significance.

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ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
1. AESTHETICS. Would the project:				
a. Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1a. Response: (Source: General Plan 2025 Figure CCM-4 – Master Plan of Roadways, General Plan 2025 FPEIR Figure 5.1-1 – Scenic and Special Boulevards and Parkways, Table 5.1-A – Scenic and Special Boulevards, and Table 5.1-B – Scenic Parkways)				
The proposed deposition area of the excavated material would be located to the south of the Dam and Reservoir along the uniform slope and away from riparian vegetation. Construction is temporary and the result of the stockpiled area will not be readily apparent from the roadway as material will only be 1-2 feet high. Furthermore, the deposition area will be revegetated with native seed mix and thereby, returning the site to a similar if not, an improved state. Impacts will be less than significant to any scenic vista. Impacts are considered less than significant.				
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1b. Response: (Source: General Plan 2025 Figure CCM-4 – Master Plan of Roadways, General Plan 2025 FPEIR Figure 5.1-1 – Scenic and Special Boulevards, Parkways, Table 5.1-A – Scenic and Special Boulevards)				
The General Plan 2025 designates several roadways as Scenic Boulevards and Parkways in order to protect scenic resources and enhance the visual character of Riverside. The proposed project is located along Van Buren Blvd which is designated as a Scenic Boulevard/Parkway within the Circulation and Community Mobility Element of the General Plan 2025. Van Buren Blvd is not considered a state scenic highway. Adjacent to the project, Van Buren Blvd consists of a four lane highway divided by raised concrete median with no landscaping.				
No permanent structures are to be constructed and the extent the project would be seen by travelers on Van Buren Blvd. would be the dump trucks temporarily depositing the material. The stockpile areas will be restored to a similar, if not improved, state, utilizing native plant mix. Additionally, there are no historic buildings in the work area; there are no rock outcroppings in the work area; no mature trees will be impacted in the work area; the work area is not a scenic resource. Impacts are considered less than significant.				
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1c. Response: (Source: General Plan 2025, General Plan 2025 FPEIR, Zoning Code, Citywide Design and Sign Guidelines)				
Upon conclusion of stockpiling of the sediment, moderate excavation of dirt in a semi-arid habitat will not be visually obvious from a distance, and the area will be restored to a similar, if not improved, state. The temporary nature of the work, together with the low visual profile, does not result in significant degradation of the visual character or quality of the site or its surroundings. Impacts are considered less than significant.				
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1d. Response: (Source: General Plan 2025, General Plan 2025 FPEIR Figure 5.1-2 – Mount Palomar Lighting Area, Title 19 – Article VIII – Chapter 19.556 – Lighting, Citywide Design and Sign Guidelines)				
The majority of operations are proposed to be conducted during daylight hours. The Project equipment will not create any substantial light or glare. No structures or improvements are included in the Project, only the relocation of sediment. Thus, there will be no sources of substantial light or glare. No Impacts are anticipated.				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
2. AGRICULTURE AND FOREST RESOURCES:				
<p>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effect, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state’s inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board. Would the project:</p>				
<p>a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>2a. Response: (Source: General Plan 2025 – Figure OS-2 – Agricultural Suitability)</p>				
<p>The only soils that are considered farmlands of statewide importance are the Buren fine sandy loams (BuC2) and Fallbrook sandy loams (FaD2) both of which, are located within existing farmlands and away from the stockpile areas. Primary soil that is to be impacted by the stockpiling consists of Buren fine sandy loams on steep slopes (BuD2) which is not a prime soil or Farmland of State Importance. All potentially prime soils located in the general area (Arlington fine sandy loam (AoC), and Hanford coarse sandy loam, (HcC)) are located outside the disturbance area and will not be impacted. Furthermore, based on a review of Figure OS-2 – Agricultural Suitability of the General Plan 2025, reveals that the project site is not designated as, and is not adjacent to or in proximity to any land classified as, Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. No impacts are anticipated.</p>				
<p>b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>2b. Response: (Source: General Plan 2025 – Figure OS-3 - Williamson Act Preserves, General Plan 2025 FPEIR – Figure 5.2-4 – Proposed Zones Permitting Agricultural Uses, and Title 19)</p>				
<p>The site is not under an Agricultural Preserve contract. Therefore, the proposed project would not convert prime agricultural land to non-agricultural uses nor would the project impair agricultural land productivity onsite or conflict with agricultural preserve programs. Furthermore, based on a review of Figure 5.2-2 – Williamson Act Preserves of the General Plan 2025 FPEIR, the project site is not located within an area that is affected by a Williamson Act Preserve or under a Williamson Act Contract. No impacts are anticipated.</p>				
<p>c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) timberland (as defined in Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>2c. Response: (Source: GIS Map – Forest Data)</p>				
<p>The City of Riverside has no forest land that can support 10-percent native tree cover nor does it have any timberland. No impacts are anticipated.</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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Note:

Public Resources Code section 12220(g). *“Forest land” is land that can support 10-percent native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits.*

Government Code Section 51104(g). *“Timberland production zone” or “TPZ” means an area which has been zoned pursuant to Section 51112 or 51113 and is devoted to and used for growing and harvesting timber, or for growing and harvesting timber and compatible uses, as defined in subdivision (h).*

With respect to the general plans of cities and counties, “timberland preserve zone” means “timberland production zone.”

(h) “Compatible use” is any use which does not significantly detract from the use of the property for, or inhibit, growing and harvesting timber, and shall include, but not be limited to, any of the following, unless in a specific instance such as use would be contrary to the preceding definition to compatible use:

- (1) Management for watershed
- (2) Management for fish and wildlife habitat or hunting and fishing.
- (3) A use integrally related to the growing, harvesting and processing of forest products, including but not limited to roads, log landings, and log storage areas.
- (4) The erection, construction, alteration, or maintenance of gas, electric, water, or communication transmission facilities.
- (5) Grazing.
- (6) A residence or other structure necessary for the management of land zoned as timberland production.

GIS Map. When reading the Forest Data Map in GIS the category “Non-Forest Types” means what it says. The category “Non-Productive Forest Site” means a site not capable of growing 10% cover of industrial wood tree species.

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
d. Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2d. Response: (Source: GIS Map – Forest Data)				
The City of Riverside has no forest land that can support 10-percent native tree cover nor does it have any timberland. No impacts are anticipated.				
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2e. Response: (Source: General Plan – Figure OS-2 – Agricultural Suitability, Figure OS-3 – Williamson Act Preserves, Title 19 – Article V – Chapter 19.100 – Residential Zones – RC Zone and RA-5 Zone and GIS Map – Forest Data)				
The proposed project involves no structural development. No agricultural soils are to be permanently disturbed. The Reservoir serves agriculture by providing a source for irrigated water but is not involved in actual production on its site. Furthermore, the Gage Canal Company has an alternative supply pipeline available to support agricultural customers during construction. The operation is timed so that draining the Reservoir to conduct the excavation operations would occur when the need for irrigated water is at its lowest during the rainy season. In fact, the Project improves the operational integrity of the Reservoir. Impacts are considered less than significant.				
3. AIR QUALITY.				
Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a. Response: (Source: South Coast Air Quality Management District’s 2007 Air Quality Management Plan (AQMP); CalEEMod)				
The use of the project equipment would generate ROG, NOx, CO, SO ₂ , PM-10 and PM _{2.5} far below thresholds due to the type of equipment used and the limited duration of use. Implementation of MM Air-1 through -4 will reduce impacts to less than significant levels. Impacts are considered less than significant				
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3b. Response: (Source: General Plan 2025 FPEIR Table 5.3-B SCAQMD CEQA Regional Significance Thresholds, South Coast Air Quality Management District’s 2007 AQMP, CalEEMod)				
Use of the diesel equipment to excavate and transport the sediment to the nearby stockpile area would be approximately 6-8 weeks in duration so would not be considered long term. An Air Quality Model was conducted using CalEEMod. The results of the air quality model showed that the proposed project would generate emissions far lower than the SCAQMD thresholds for significance for air quality emissions. Implementation of MM Air-1 through -4 will reduce impacts to less than significant levels. Impacts are considered less than significant.				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact

CalEEMod MODEL RESULTS SHORT-TERM IMPACTS						
Activity	Daily Emissions (lbs/day)					
	ROG	NO _x	CO	SO ₂	PM-10	PM-2.5
SCAQMD Daily Thresholds Construction	75	100	550	150	150	55
Daily Project - Emissions Construction	<i>7.44</i>	<i>61.37</i>	<i>37.56</i>	<i>0.07</i>	<i>17.74</i>	<i>4.78</i>
Exceeds Y/N Threshold?	N	N	N	N	N	N

CalEEMod MODEL RESULTS LONG-TERM IMPACTS						
Activity	Daily Emissions (lbs/day)					
	ROG	NO _x	CO	SO ₂	PM-10	PM-2.5
SCAQMD Daily Thresholds Operation	55	55	550	150	150	55
Daily Project - Emissions Operational	<i>0.04</i>	<i>0.09</i>	<i>0.35</i>	<i>0</i>	<i>23.28</i>	<i>2.32</i>
Exceeds Y/N Threshold?	N	N	N	N	N	N

c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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3c. Response: (Source: General Plan 2025 FPEIR Table 5.3-B SCAQMD CEQA Regional Significance Thresholds, South Coast Air Quality Management District's 2007 Air Quality Management Plan)

Use of the diesel equipment to excavate and transport the sediment to the nearby stockpile area would be approximately 6-8 weeks in duration so would not be considered long term and would not provide a cumulatively considerable increase of any pollutant. **Impacts are considered less than significant.**

d. Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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3d. Response: (Source: General Plan 2025 FPEIR Table 5.3-B SCAQMD CEQA Regional Significance Thresholds, South Coast Air Quality Management District's 2007 Air Quality Management Plan)

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>The project will not be located in proximity to any sensitive receptors (i.e. residential areas, day care centers, etc.), the nearest sensitive receptors will be located approximately 1,200 feet from the project site. No Impacts are anticipated.</p>				
<p>e. Create objectionable odors affecting a substantial number of people?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>3e. Response: (Source: General Plan 2025 FPEIR Table 5.3-B SCAQMD CEQA Regional Significance Thresholds, South Coast Air Quality Management District's 2007 Air Quality Management Plan)</p> <p>The project would not expose a substantial number of people to objectionable odors because no odors are anticipated to be generated by the proposed use. Therefore, no impact to creating objectionable odors will occur directly, indirectly or cumulatively. No Impacts are anticipated.</p>				
<p>4. BIOLOGICAL RESOURCES.</p>				
<p>Would the project:</p>				
<p>a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4a. Response: (Source: General Plan 2025 – Figure OS-6 – Stephen's Kangaroo Rat (SKR) Core Reserve and Other Habitat Conservation Plans (HCP), Figure OS-7 – MSHCP Cores and Linkages, Figure OS-8 – MSHCP Cell Areas, General Plan 2025 FPEIR Figure 5.4-2 – MSHCP Area Plans, Figure 5.4-4 - MSHCP Criteria Cells and Subunit Areas, Figure 5.4-6 – MSHCP Narrow Endemic Plant Species Survey Area, Figure 5.4-7 – MSHCP Criteria Area Species Survey Area, Figure 5.4-8 – MSHCP Burrowing Owl Survey Area and Habitat Assessment prepared by LSA Associates in 2013)</p> <p>No 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 have been found on site. The Project will comply with the MSHCP. The MSHCP compliance adequately mitigates for any potential impacts to 146 separate species, including species and their habitat 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. These species include Stevens Kangaroo Rat, burrowing owl, and least bells vireo. All 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 are covered by the SKR HCP or the Western Riverside MSHCP. MM Bio-1 requires that the Project satisfy both the SKR HCP and the Western Riverside MSHCP. Both habitat conservation plans were created to allow projects while preserving the subject species and habitat. Therefore, compliance with the HCPs reduces Project impacts to less-than-significant levels. Implementation of MM Bio-1 will reduce impacts to less than significant levels.</p>				
<p>b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4b. Response: (Source: General Plan 2025 – Figure OS-6 – Stephen's Kangaroo Rat (SKR) Core Reserve and Other Habitat Conservation Plans (HCP), Figure OS-7 – MSHCP Cores and Linkages, Figure OS-8 – MSHCP Cell Areas, General Plan 2025 FPEIR Figure 5.4-2 – MSHCP Area Plans, Figure 5.4-4 - MSHCP Criteria Cells and Subunit Areas, Figure 5.4-6 – MSHCP Narrow Endemic Plant Species Survey Area, Figure 5.4-7 – MSHCP Criteria Area Species Survey Area, Figure 5.4-8 – MSHCP Burrowing Owl Survey Area, MSHCP Section 6.1.2 - Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools, and Habitat Assessment prepared by LSA Associates in 2013)</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>Riparian habitat and other sensitive natural communities are covered by the SKR HCP and the Western Riverside MSHCP. MM Bio-1 requires that the Project satisfy with both the SKR HCP and the Western Riverside MSHCP. Both habitat conservation plans were created to allow projects while preserving the subject species and habitat. Therefore, compliance with the HCPs reduces Project impacts to less-than-significant levels. Implementation of MM BIO-1 and MM GEO-1 will further reduce impacts to less than significant levels.</p>				
<p>c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>4c. Response: (Source: City of Riverside GIS/CADME USGS Quad Map Layer, and Wetlands Delineation and Jurisdictional Analysis prepared by LSA Associates May 2013)</p>				
<p>A consultation with the United State Army Corps of Engineers (USACE) took place on June 11th, 2013 where representatives of the USACOE confirmed the project does not require a 404/401 permit process as it does not involve the direct removal, filling, hydrologic interruption, or otherwise cause substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (also defined as the waters of the United States). Impacts are considered less than significant.</p>				
<p>d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4d. Response: (Source: MSHCP, General Plan 2025 –Figure OS-7 – MSHCP Cores and Linkage and Habitat Assessment prepared by LSA Associates, May 2013)</p>				
<p>The proposed project is subject to the MSHCP. The proposed project has potential to result in direct impacts to nesting birds, including raptors such as the prairie falcon, if they are nesting within the project site and/or immediate vicinity during project activities. Nesting birds are protected under the California Fish and Game Code and the Migratory Bird Treaty Act. The proposed project will not reduce the populations and/or diversity of the general wildlife populations or their habitat. The project site is not located within a documented or otherwise suitable regional or local movement corridor. Furthermore, the proposed project will not permanently introduce factors such as light, fencing, and noise that could indirectly impact wildlife. Implementation of MM Bio-2 will reduce impacts to less than significant levels.</p>				
<p>e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4e. Response: (Source: MSHCP, Title 16 Section 16.72.040 – Establishing the Western Riverside County MSHCP Mitigation Fee, Title 16 Section 16.40.040 – Establishing a Threatened and Endangered Species Fees, and Habitat Assessment prepared by LSA Associates, May 2013)</p>				
<p>The proposed project is subject to, and will comply with, the MSHCP and any other ordinances protecting biological resources, such as a tree preservation policy or ordinance per MM Bio-1. Because the Project can fully comply with those policies and ordinances, there will be no conflict. Implementation of MM Bio-1 will redect impacts to less than significant.</p>				
<p>f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4f. Response: (Source: MSHCP, General Plan 2025 – Figure OS-6 – Stephen’s Kangaroo Rat (SKR) Core Reserve and Other Habitat Conservation Plans (HCP), Stephens’ Kangaroo Rat Habitat Conservation Plan, Lake Mathews Multiple Species Habitat Conservation Plan and Natural Community Conservation Plan)</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>The project is in full compliance with the Stephens Kangaroo Rat HCP by paying the required mitigation fee as appropriate and the Multiple Species Habitat Conservation Plan by adhering to the replanting requirements set forth in the MSHCP Guidelines Section 6.1.4. Implementation of MM Bio-1 will reduce impacts to less than significant levels.</p>				
<p>5. CULTURAL RESOURCES.</p>				
<p>Would the project:</p>				
<p>a. Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5a. Response: (Source: GP 2025 FPEIR Table 5.5-A Historical Districts and Neighborhood Conservation Areas and Appendix D, Title 20 of the Riverside Municipal Code)</p> <p>There are no known archaeological, religious, sacred, or educational sites located on the subject parcel or in the general area. Furthermore, the Reservoir is commonly drained for maintenance purposes and the deposition site was previously graded in the 1940's. However, there remains a slight potential that resources could be located within the Reservoir that were transported down the arroyo during periods of high rain intensity. The potential for undiscovered cultural resources to exist onsite remains low. Implementation of MM CR-1 will reduce impacts to less than significant levels.</p>				
<p>b. Cause a substantial adverse change in the significance of an archeological resource pursuant to § 15064.5?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5b. Response: (Source: GP 2025 FPEIR Figure 5.5-1 - Archaeological Sensitivity and Figure 5.5-2 - Prehistoric Cultural Resources Sensitivity, Appendix D – Cultural Resources Study)</p> <p>Based on the disturbed nature of the project site, and the location of proposed project activities, the proposed project would not adversely affect a known prehistoric or historic archaeological site or property of historic or cultural significance to a community or ethnic group. There would be no increase in the potential for trespassing, vandalizing, or sabotaging ethnic, sacred, or ceremonial places however, there remains a slight potential that resources could be located within the Reservoir that were transported down the arroyo. The potential for undiscovered cultural resources to exist onsite remains low. Implementation of MM CR-1 will reduce impacts to less than significant levels.</p>				
<p>c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5c. Response: (Source: General Plan 2025 Policy HP-1.3)</p> <p>There are no known cultural resources known to be located in the area, though the Santa Ana River maintains a strong potential for prehistoric habitation. Since the Reservoir was constructed 100 years ago and maintenance has been done within the Reservoir area and grading has occurred at the deposition site, however, there remains a slight potential that resources could be located within the project areas it was transported down the arroyo. The potential for undiscovered cultural resources to exist onsite remains low. Implementation of MM CR-1 will reduce impacts to less than significant levels.</p>				
<p>d. Disturb any human remains, including those interred outside of formal cemeteries?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5d. Response: (Source: GP 2025 FPEIR Figure 5.5-1 - Archaeological Sensitivity and Figure 5.5-2 - Prehistoric Cultural Resources Sensitivity)</p> <p>There are no cemeteries located on the property. In the event that Native American human remains are inadvertently discovered during project-related construction activities, there would be unavoidable significant adverse impacts to Native American resources. Implementation of MM CR-1 will reduce impacts to less than significant levels.</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
6. GEOLOGY AND SOILS. Would the project:				
a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6i. Response: (Source: General Plan 2025 Figure PS-1 – Regional Fault Zones & General Plan 2025 FPEIR Appendix E – Geotechnical Report) Seismic activity is to be expected in Southern California. In the City of Riverside, there are no Alquist-Priolo zones. The project site does not contain any known fault lines and the potential for fault rupture or seismic shaking is low. The project does not propose the introduction of additional people or structures into the area. The project is a temporary duration of excavation of material. No impacts are anticipated.				
ii. Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6ii. Response: (Source: General Plan 2025 FPEIR Appendix E – Geotechnical Report) See 6i for response. No impacts are anticipated				
iii. Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6iii. Response: (Source: General Plan 2025 Figure PS-1 – Regional Fault Zones, Figure PS-2 – Liquefaction Zones, General Plan 2025 FPEIR Figure PS-3 – Soils with High Shrink-Swell Potential, and Appendix E – Geotechnical Report) See 6i for response. No impacts are anticipated.				
iv. Landslides?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6iv. Response: (Source: General Plan 2025 FPEIR Figure 5.6-1 – Areas Underlain by Steep Slope, Appendix E – Geotechnical Report, Title 18 – Subdivision Code, Title 17 – Grading Code, and Storm Water Pollution Prevention Plan SWPPP) The project would result in a slight alteration of the contours in the 0.35-0.67 acre deposition area as the material is deposited which could result in a 1-2 feet depth of material. The inclusion of the additional material will not significantly alter the landscape since it will be spread and reseeded. Implementation of MM GEO-1 will reduce impacts to less than significant levels.				
b. Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6b. Response: (Source: General Plan 2025 FPEIR Figure 5.6-1 – Areas Underlain by Steep Slope, Figure 5.6-4 – Soils, Table 5.6-B – Soil Types, Title 18 – Subdivision Code, Title 17 – Grading Code, and SWPPP.) The deposition of the excavated material into the stockpile area would result in exposed soils to resulting wind and/or water erosion. As such, potential impacts could occur if soils were exposed for an extended period of time and since the project is proposed during the rainy season, absent of appropriate erosion management techniques, could result in significant impacts if not mitigated. The implementation of MM GEO-1, which requires the reseeded of the exposed stockpile areas, will create sufficient native vegetation to secure the topsoil, protect it from wind and water erosion, and reduce impacts to less than significant levels.				
c. Be located on a geologic unit or soil that is unstable, or that	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?				
6c. Response: (Source: General Plan 2025 Figure PS-1 – Regional Fault Zones, Figure PS-2 – Liquefaction Zones, General Plan 2025 FPEIR Figure PS-3 – Soils with High Shrink-Swell Potential, Figure 5.6-1 - Areas Underlain by Steep Slope, Figure 5.6-4 – Soils, Table 5.6-B – Soil Types, and Appendix E – Geotechnical Report)				
Soils where sediment deposit will be located mainly consist of Buren fine sandy loam (BuD2) which, is not considered unstable. All sediment that will be deposited will be revegetated for erosion control. Impacts are considered less than significant.				
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6d. Response: (Source: General Plan 2025 FPEIR Figure 5.6-4 – Soils, Figure 5.6-4 – Soils, Table 5.6-B – Soil Types, Figure 5.6-5 – Soils with High Shrink-Swell Potential)				
The project is located on a site that does not have expansive soils and there are no structures proposed as part of the project. No impacts are anticipated.				
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6e. Response:				
No septic systems are proposed nor does the project propose development where waste water will be generated. No impacts are anticipated.				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
7. GREENHOUSE GAS EMISSIONS. Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7a. Response: (CalEEMod)

The project consists of mechanically excavating accumulated sediment from within an existing Reservoir. The sediment will be dredged from the Reservoir and deposited adjacent to the Reservoir upon a City-owned parcel. The additional primary and supportive excavation operations proposed as a part of the project would not create operational emissions from construction related sources that exceed the interim significance criteria thresholds.

Construction Emissions:

The project would result in short-term emissions of greenhouse gases during construction. The following table lists the estimated greenhouse gas emissions associated with construction of the project.

Emission Source	Emissions (Metric Tons CO₂e/Year)
Construction 2013	72.71
Construction 2014	142.25
Total	214.96
Annualized Over Project Lifetime	

Operation Emissions:

The project would result in direct annual emissions of greenhouse gases upon completion.

Direct emissions of CO₂ emitted from operation of the project are primarily due to mobile source emissions (e.g. motor vehicles). The following table lists the estimated greenhouse gas emissions associated with the operations of the project.

Operational Emissions Source	GhG Emissions (MTCO₂e)/year)*
Operational (Mobile) Sources	8.36
Area Sources	0
Electrical Consumption	0
Total	8.36

Determining Significance

SCAQMD has not formally adopted a significance threshold for residential projects, but has drafted a threshold of 3,000 MTCO₂ for residential projects, and 10,000 MTCO₂ for industrial projects that can be used as an indicator of a project's significance under CEQA.

As shown in the above tables, the project would result in greenhouse gas emissions of construction emissions of 214.96 MTCO₂ and a long-term operations emission of 8.36 MTCO₂ which, is far less than the SCAQMD threshold for residential and industrial projects.

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Impacts are considered less than significant.				
b. Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7b. Response: (CalEEMod) The SCAQMD supports State, Federal and international policies to reduce levels of ozone depleting gases through its Global Warming Policy and rules and has established an interim Greenhouse Gas (GHG) threshold. The project would comply with all SCAQMD applicable rules and regulations during construction and, as demonstrated in the CalEEMod Analysis, will not interfere with the State’s goals of reducing GHG emission to 1990 levels by the year 2020 as stated in AB 32 and an 80 percent reduction in GHG emissions below 1990 levels by 2050 as stated in Executive Order S-3-05. Therefore, the project will not conflict with any applicable plan, policy or regulation related to the reduction in the emissions of GHGs. Impacts are considered less than significant.				
8. HAZARDS & HAZARDOUS MATERIALS. Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8a. Response: <i>(Source: General Plan 2025 Public Safety Element, GP 2025 FPEIR, California Health and Safety Code, Title 49 of the Code of Federal Regulations, California Building Code as adopted by the City of Riverside and set out in Title 16 of the Riverside Municipal Code, Riverside Fire Department EOP, 2002 and Riverside Operational Area – Multi-Jurisdictional LHMP, 2004 Part 1, OEM’s Strategic Plan)</i> The project entails excavation of soils from within the Reservoir and deposition and grading of said soils upon adjacent City-owner parcel. The grading activities in and of itself will not pose a significant hazard to the public or environment through the routine transport, use or disposal of hazardous materials. However, the construction facilitated by this project has the potential to create a hazard to the public or environment through the routine transportation, use and disposal of construction related hazardous materials as the project would include the delivery and disposal of hazardous materials such as fuels, oils, solvents, and other materials. These materials are typical of materials delivered to construction sites. The future use of the site will be returned to similar or better conditions prior to the project. However grading activities typically include the storage and use of hazardous materials such as fuels, oils, solvents, and other materials. These materials would be stored on site in small quantities, and therefore would not pose a significant threat to the public. Oversight by the appropriate Federal, State, and local agencies, and compliance with applicable regulations related to the handling, storage and disposal of hazardous materials will cause the project to have a less than significant impact. Impacts are considered less than significant.				
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8b. Response: <i>(Source: General Plan 2025 Public Safety Element, GP 2025 FPEIR Tables 5.7 A – D, California Health and Safety Code, Title 49 of the Code of Federal Regulations, California Building Code as adopted by the City of Riverside and set out in Title 16 of the Riverside Municipal Code, City of Riverside’s EOP, 2002 and Riverside Operational Area – Multi-Jurisdictional LHMP, 2004 Part 1, OEM’s Strategic Plan)</i> See 8a for response. Impacts are considered less than significant.				
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>8c. Response: (Source: General Plan 2025 Public Safety and Education Elements, GP 2025 FPEIR Table 5.7-D - CalARP RMP Facilities in the Project Area, Figure 5.13-2 – RUSD Boundaries, Table 5.13-D RUSD Schools, Figure 5.13-3 AUSD Boundaries, Table 5.13-E AUSD Schools, Figure 5.13-4 – Other School District Boundaries, California Health and Safety Code, Title 49 of the Code of Federal Regulations, California Building Code as adopted by the City of Riverside and set out in Title 16 of the Riverside Municipal Code)</p> <p>The project is not located within ¼ mile of a school. The closest school to the project site is Bethel Christian, approximately 0.9 miles away. No impacts are anticipated.</p>				
<p>d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>8d. Response: (Source: General Plan 2025 Figure PS-5 – Hazardous Waste Sites, GP 2025 FPEIR Tables 5.7-A – CERCLIS Facility Information, Figure 5.7-B – Regulated Facilities in TRI Information and 5.7-C – DTSC EnviroStor Database Listed Sites and Supplemental Guidelines AB 2588 Air Toxics “Hot Spots”)</p> <p>The site is not located on a list of hazardous materials sites. No impacts are anticipated.</p>				
<p>e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>8e. Response: (Source: General Plan 2025 Figure PS-6 – Airport Safety Zones and Influence Areas, RCALUCP and March Air Reserve Base/March Inland Port Comprehensive Land Use Plan (1999), Air Installation Compatible Use Zone Study for March Air Reserve Base (August 2005))</p> <p>The site is not located within an airport land use plan. The nearest public airport is Riverside Municipal Airport, which is approximately 4 miles from the project site. No impacts are anticipated.</p>				
<p>f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>8f. Response: (Source: General Plan 2025 Figure PS-6 – Airport Safety Zones and Influence Areas, RCALUCP, March Air Reserve Base/March Inland Port Comprehensive Land Use Plan (1999) and Air Installation Compatible Use Zone Study for March Air Reserve Base (August 2005))</p> <p>The site is not in the vicinity of a private airstrip. No impacts are anticipated.</p>				
<p>g. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>8.g Response: (Source: GP 2025 FPEIR Chapter 7.5.7 – Hazards and Hazardous Materials, City of Riverside’s EOP, 2002 and Riverside Operational Area – Multi-Jurisdictional LHMP, 2004 Part 1, and OEM’s Strategic Plan)</p> <p>The project would not impair an adopted emergency response plan or interfere with an emergency evacuation plan as no major public roads or traffic patterns will be affected. No impacts are anticipated.</p>				
<p>h. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>8h. Response: (Source: General Plan 2025 Figure PS-7 – Fire Hazard Areas, City of Riverside’s EOP,</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
http://intranet/Portal/uploads/Riv City EOP complete.pdf , <i>Riverside Operational Area – Multi-Jurisdictional LHMP, 2004 Part 1/Part 2 and OEM’s Strategic Plan</i>				
The project will be conducted during the rainy season and involves excavation of material from a Reservoir. No impacts are anticipated.				
9. HYDROLOGY AND WATER QUALITY.				
Would the project:				
a. Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9a. Response: (Source: GP 2025 FPEIR Table 5.8-A – Beneficial Uses Receiving Water)				
The project will result in no discharges or releases since the Reservoir will be drained prior to construction. In the event a significant rainfall event occurs which results in flows that accumulate in the Reservoir operations will cease so that the Reservoir can be drained and all stockpiled material will be covered and revegetated for erosion control per the requirements of MM GEO-1. MM WR-1 requires the Reservoir to be drained prior to commencement of excavation operations to ensure downstream sedimentation does not occur. MM WR-2 requires a Stormwater Pollution Prevention Plan (SWPPP) be approved which will implement Best Management Practices to ensure compliance with water quality standards. Implementation of MM Goe-1, MM WR-1 and WR-2 will reduce impacts to less than significant levels.				
b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9b. Response: (Source: General Plan 2025 Table PF-1 – RPU Projected Domestic Water Supply (AC-FT/YR), Table PF-2 – RPU Projected Water Demand , Table PF-3 – Western Municipal Water District Projected Domestic Water Supply (AC-FT/YR), RPU Map of Water Supply Basins, RPU Urban Water Management Plan.)				
The project would result in temporarily dewatering the Reservoir during times of limited need for a period of approximately 6-8 weeks, which will not result in impacts to groundwater recharge. The project will use minimal amounts of water for dust control and will not be depleting ground water supplies. Impacts are considered less than significant				
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9c. Response: (Source: Preliminary grading plan)				
There is approximately 120,000 cy of sediment accumulated in the Reservoir over time which has decreased the capacity of the Reservoir to store water. The 9,000-15,000 cy of material proposed to be removed from the Reservoir would result in an anticipated net gain in capacity in the Reservoir of approximately 9 AF. At the original design capacity of 1,250 AF, the excavated sediment will slight increase in capacity of by approximately 0.7%. The benefit of completing the project would be increased reliability and operational integrity of the Dam function for effective flood control management. Since there is no net loss of water resources as a result of this project, impacts to water resources would be most likely due to increased potential sedimentation. Implementation of MM WR-1 will reduce impacts to less than significant levels.				
d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
of surface runoff in a manner which would result in flooding on- or off-site?				
9d. Response: (Source: Preliminary grading plan, and Project Specific Stormwater Pollution Prevention Plan)				
The project will not alter the drainage patterns of the Reservoir. The removal of sediment from the Reservoir will not result in an increase in the rate or amount of surface run-off. The project will have beneficial effects on stormwater retention and flood control. See 9c for additional discussion. Impacts are considered less than significant.				
e. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9e. Response: (Source: Preliminary Grading Plan, and Project Specific Stormwater Pollution Prevention Plan)				
No runoff water is anticipated as the Reservoir will be drained prior to operations. Impacts are considered less than significant.				
f. Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9f. Response: (Source: Project Specific – Stormwater Pollution Prevention Plan, and Water Quality Management Plan)				
See 9a for discussion and nexus for MM WR-1 and MM WR-2. Implementation of MMWR-1 and MM WR-2 provides for best management practices to reduce water quality impacts as the City proposes to drain the Reservoir prior to start of construction and install appropriate stormwater best managements practices which, will reduce impacts to less than significant levels.				
g. Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9g. Response: (Source: General Plan 2025 Figure PS-4 – Flood Hazard Areas, and FEMA Flood Hazard Map Number 0605C0720G zone A and Zone X)				
No structures are proposed with this project, and no new flood hazard areas will be created. No impacts are anticipated.				
h. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9h. Response: (Source: General Plan 2025 Figure PS-4 – Flood Hazard Areas, and FEMA Flood Hazard Map Number 0605C0720G zone A and Zone X)				
No structures are proposed for this project. No impacts are anticipated.				
i. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9i. Response: (Source: General Plan 2025 Figure PS-4 – Flood Hazard Areas, and FEMA Flood Hazard Map Number 0605C0720G zone A and Zone X)				
No structures or populations would be introduced to flooding impacts. No impacts are anticipated.				
j. Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9j. Response: (Source: GP 2025 FPEIR Chapter 7.5.8 – Hydrology and Water Quality)				
Tsunamis are large waves that occur in coastal areas; therefore, since the City is not located in a coastal area, and is therefore, not susceptible to tsunamis.				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>Additionally, with the implementation of MM Geo-1, the lake will be drained prior to construction and will therefore, not be susceptible to seiche or mudflow. With the implementation of MM Geo-1, impacts are considered less than significant.</p>				
<p>10. LAND USE AND PLANNING:</p>				
<p>Would the project:</p>				
<p>a. Physically divide an established community?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>10a. Response: (Source: General Plan 2025 Land Use and Urban Design Element, Project site plan.)</p>				
<p>The project results in no new structural development or the placement of physical barriers. No impacts are anticipated.</p>				
<p>b. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>10b. Response: (Source: General Plan 2025, General Plan 2025 Figure LU-10 – Land Use Policy Map, Table LU-5 – Zoning/General Plan Consistency Matrix, Title 19 – Zoning Code, Title 7 – Noise Code, Title 17 – Grading Code, Title 20 – Cultural Resources Code, Title 16 – Buildings and Construction and Citywide Design and Sign Guidelines)</p> <p>The project is fully consistent with all applicable plans and is a maintenance project for an existing permitted facility. No impacts are anticipated.</p>				
<p>c. Conflict with any applicable habitat conservation plan or natural community conservation plan?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>10c. Response: (Source: MSHCP, General Plan 2025 – Figure OS-6 – Stephen’s Kangaroo Rat (SKR) Core Reserve and Other Habitat Conservation Plans (HCP), Stephens’ Kangaroo Rat Habitat Conservation Plan, Lake Mathews Multiple Species Habitat Conservation Plan and Natural Community Conservation Plan.)</p> <p>The project is in full compliance with the Stephens Kangaroo Rat HCP by paying the required mitigation fee as appropriate and the Multiple Species Habitat Conservation Plan by adhering to the replanting requirements set forth in the MSHCP Guidelines Section 6.1.4 Implementation of MM BIO-1 will reduce impacts to less than significant levels.</p>				
<p>11. MINERAL RESOURCES.</p>				
<p>Would the project:</p>				
<p>a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>11a. Response: (Source: General Plan 2025 Figure – OS-1 – Mineral Resources)</p>				
<p>Sediment to be excavated is not considered a mineral resource of value. Impacts are considered less than significant.</p>				
<p>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?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>11b. Response: (Source: General Plan 2025 Figure – OS-1 – Mineral Resources)</p>				
<p>Sediment to be excavated is not considered a locally important mineral resource and is not annotated on a local plan as such. Impacts are considered less than significant.</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
12. NOISE. Would the project result in:				
a. Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>12a. Response: (Source: General Plan Figure N-1 – 2003 Roadway Noise, Figure N-2 – 2003 Freeway Noise, Figure N-5 – 2025 Roadway Noise, Figure N-6 – 2025 Freeway Noise, Figure N-7 – 2025 Railroad Noise, Figure N-10 – Noise/Land Use Noise Compatibility Criteria, FPEIR Table 5.11-I – Existing and Future Noise Contour Comparison, Table 5.11-E – Interior and Exterior Noise Standards, Appendix G – Noise Existing Conditions Report, Title 7 – Noise Code)</p> <p>This proposal involves mechanical excavation of accumulated sediment from the Reservoir and depositing said sediment upon a city-owned parcel adjacent to the Reservoir along Van Buren Blvd. The excavation activity involves the use of standard excavation and grading equipment. The proposed project does not involve the construction of any permanent structures. Per Implementation Tool N-1 of the General Plan 2025 Noise Element, this project has been reviewed to ensure that noise standards and compatibility issues have been addressed. The project meets the City’s noise standards as set forth in Title 7 of the Municipal Code and is compliant with the Noise/Land Use Noise Compatibility Criteria Matrix (Figure N-10) of the Noise Element. Impacts are considered less than significant.</p>				
b. Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>12b. Response: (Source: General Plan Figure N-1 – 2003 Roadway Noise, Figure N-5 – 2025 Roadway Noise, FPEIR Table 5.11-G – Vibration Source Levels For Construction Equipment, Appendix G – Noise Existing Conditions Report)</p> <p>The mechanical excavation activities although short term, are the most common source of groundborne noise and vibration that could affect occupants of neighboring uses. This project was assessed for potential noise and ground-borne vibration impacts related to noise land use compatibility and construction-related noise per GP 2025 FPEIR, Table 5.11-G, Vibration Source Levels for Construction Equipment, on-site stationary noise sources, and vehicular-related noise. As grading activities are temporary and limited, the project will cause a less than significant exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels. This project is not expected to generate or be exposed to long-term vibration impacts during operation of the proposed use or during grading activities as no blasting or pile driving is foreseeable in conjunction with development of this project. Impacts are considered less than significant.</p>				
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>12c. Response: (Source: General Plan Figure N-1 – 2003 Roadway Noise, Figure N-2 – 2003 Freeway Noise, 2025 Roadway Noise, Figure N-6 – 2025 Freeway Noise, Figure N-10 – Noise/Land Use Noise Compatibility Criteria, FPEIR Table 5.11-I – Existing and Future Noise Contour Comparison, Table 5.11-E – Interior and Exterior Noise Standards, Appendix G – Noise Existing Conditions Report, Title 7 – Noise Code)</p> <p>The proposed project does not involve uses or activities that would result in a substantial permanent increase ambient noise levels in the project vicinity above levels existing without the project because the project only involves a short term sediment removal operation and will not be constructing a permanent facility, all noise related impact from the project are considered temporary. No Impacts are anticipated.</p>				
d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>12d. Response: (Source: FPEIR Table 5.11-J – Construction Equipment Noise Levels, Appendix G – Noise Existing Conditions Report)</p> <p>The primary source of temporary or periodic noise associated with the proposed project is from grading activity and maintenance activities expected every 3-10 years. Construction noise typically involves the loudest common urban noise</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
events associated with building demolition, grading, construction, large diesel engines, truck deliveries and hauling.				
Both the General Plan 2025 and Municipal Code Title 7 (Noise Code) limit construction activities to specific times and days of the week and during those specified times, construction activity is subject to the noise standards provided in the Title 7. Considering the short-term nature of construction and the provisions of the Noise Code, the temporary and periodic increase in noise levels due to the construction which may result from the project. Impacts are considered less than significant.				
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12e. Response: (Source: General Plan 2025 Figure N-8 – Riverside and Flabob Airport Noise Contours, Figure N-9 – March ARB Noise Contour, Figure N-10 – Noise/Land Use Noise Compatibility Criteria, RCALUCP, March Air Reserve Base/March inland Port Comprehensive Land Use Plan (1999), Air Installation Compatible Use Zone Study for March Air Reserve Base (August 2005))				
The proposed project is located along Van Buren Blvd south of Dufferin Ave and is not located within an airport land use plan or within two miles of a public airport of public use airport. The nearest public airport is the Riverside Municipal Airport which is located approximately four miles from the project site. No impacts are anticipated.				
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12f. Response: (Source: General Plan 2025 Figure PS-6 – Airport Safety Zones and Influence Areas, RCALUCP, March Air Reserve Base/March Inland Port Comprehensive Land Use Plan (1999) and Air Installation Compatible Use Zone Study for March Air Reserve Base (August 2005))				
Per the GP 2025 Program FPEIR, there are no private airstrips within the City that would expose people working or residing in the City to excessive noise levels. The proposed project is located within the City Limits of the city of Riverside and proposes to remove accumulated sediment from the Reservoir. The project is not located within proximity of a private airstrip, and does not propose to construct a private airstrip, the project will not expose people residing or working in the City to excessive noise levels related to a private airstrip. No impacts are anticipated.				
13. POPULATION AND HOUSING.				
Would the project:				
a. Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13a. Response: (Source: General Plan 2025 Table LU-3 – Land Use Designations, FPEIR Table 5.12-A – SCAG Population and Households Forecast, Table 5.12-B – General Plan Population and Employment Projections–2025, Table 5.12-C – 2025 General Plan and SCAG Comparisons, Table 5.12-D - General Plan Housing Projections 2025, Capital Improvement Program and SCAG’s RCP and RTP)				
The project is not a housing project and does not propose the development of any structural development or the placement or displacement of any populations. No impacts are anticipated.				
b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13b. Response: (Source: General Plan 2025 Table LU-3 – Land Use Designations, FPEIR Table 5.12-A – SCAG				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>Population and Households Forecast, Table 5.12-B – General Plan Population and Employment Projections–2025, Table 5.12-C – 2025 General Plan and SCAG Comparisons, Table 5.12-D - General Plan Housing Projections 2025, Capital Improvement Program and SCAG’s RCP and RTP)</i>				
There are no houses located within the Reservoir or disposal site. Therefore, the excavation and deposition of sediment does not displace any existing housing. No impacts are anticipated.				
c. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13c. Response: <i>(Source: General Plan 2025 Table LU-3 – Land Use Designations, FPEIR Table 5.12-A – SCAG Population and Households Forecast, Table 5.12-B – General Plan Population and Employment Projections–2025, Table 5.12-C – 2025 General Plan and SCAG Comparisons, Table 5.12-D - General Plan Housing Projections 2025, Capital Improvement Program and SCAG’s RCP and RTP)</i>				
See 13b for response. No impacts are anticipated.				
14. PUBLIC SERVICES.				
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:				
a. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14a. Response: <i>(Source: FPEIR Table 5.13-B – Fire Station Locations, Table 5.13-C – Riverside Fire Department Statistics and Ordinance 5948 § 1)</i>				
The project consists of a short term maintenance oriented sediment excavation operation to an existing facility. No increase in the need of public services is necessary for completion of the project. No impacts are anticipated.				
b. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14b. Response: <i>(Source: General Plan 2025 Figure PS-8 – Neighborhood Policing Centers)</i>				
See 14a for response. No impacts are anticipated.				
c. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14c. Response: <i>(Source: FPEIR Figure 5.13-2 – RUSD Boundaries, Table 5.13-D – RUSD, Figure 5.13-3 – AUSD Boundaries, Table 5.13-E – AUSD, Table 5.13-G – Student Generation for RUSD and AUSD By Education Level, and Figure 5.13-4 – Other School District Boundaries)</i>				
See 14a for response. No impacts are anticipated.				
d. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14d. Response: <i>(Source: General Plan 2025 Figure PR-1 – Parks, Open Spaces and Trails, Table PR-4 – Park and Recreation Facilities, Parks Master Plan 2003, GP 2025 FPEIR Table 5.14-A – Park and Recreation Facility Types, and Table 5.14-C – Park and Recreation Facilities Funded in the Riverside Renaissance Initiative)</i>				
See 14a for response. No impacts are anticipated.				
e. Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14e. Response: <i>(Source: General Plan 2025 Figure LU-8 – Community Facilities, FPEIR Figure 5.13-5 - Library)</i>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>Facilities, Figure 5.13-6 - Community Centers, Table 5.3-F – Riverside Community Centers, Table 5.13-H – Riverside Public Library Service Standards)</i>				
See 14a for response. No impacts are anticipated.				
15. RECREATION.				
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15a. Response: (Source: General Plan 2025 Figure PR-1 – Parks, Open Spaces and Trails, Table PR-4 – Park and Recreation Facilities, Figure CCM-6 – Master plan of Trails and Bikeways, Parks Master Plan 2003, FPEIR Table 5.14-A – Park and Recreation Facility Types, and Table 5.14-C – Park and Recreation Facilities Funded in the Riverside Renaissance Initiative, Table 5.14-D – Inventory of Existing Community Centers, Riverside Municipal Code Chapter 16.60 - Local Park Development Fees, Bicycle Master Plan May 2007)				
The project consists of a short term maintenance oriented sediment excavation operation to an existing facility. No increase in the need for recreational amenities would result due to the completion of the project. The Reservoir is a flood control facility and not open to the public for recreation. No impacts are anticipated.				
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15b. Response:				
See 15a for response. No impacts are anticipated.				
16. TRANSPORTATION/TRAFFIC.				
Would the project result in:				
a. Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16a. Response: (Source: General Plan 2025 Figure CCM-4 – Master Plan of Roadways, FPEIR Figure 5.15-4 – Volume to Capacity (V/C) Ratio and Level of Service (LOS) (Typical 2025), Table 5.15-D – Existing and Future Trip Generation Estimates, Table 5.15-H – Existing and Typical Density Scenario Intersection Levels of Service, Table 5.15-I – Conceptual General Plan Intersection Improvement Recommendations, Table 5.15-J – Current Status of Roadways Projected to Operate at LOS E or F in 2025, Table 5.15-K – Freeway Analysis Proposed General Plan, Appendix H – Circulation Element Traffic Study and Traffic Study Appendix, SCAG’s RTP)				
The project will result in a temporary construction increase of approximately 1,500 dump trucks trips using a short stretch of Van Buren Blvd. The City prepared three route options of which, routes one and two propose to direct truck traffic onto the shoulder area along the north bound side of Van Buren Blvd. Construction traffic will route to the excavation area onto the north bound shoulder of Van Buren Blvd which will be designated for construction vehicles only by placing k-Rail between the vehicle travel lanes and the construction route. Option three proposes to introduce truck traffic onto Jackson St to Firethorn Ave to Van Buren Blvd. No levels of service on any public road would be significantly deteriorated as the project				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
is of short duration. Impacts are considered less than significant.				
b. Conflict with an applicable congestion management program, including but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>16b. Response: (Source: General Plan 2025 Figure CCM-4 – Master Plan of Roadways, FPEIR Figure 5.15-4 – Volume to Capacity (V/C) Ratio and Level of Service (LOS) (Typical 2025), Table 5.15-D – Existing and Future Trip Generation Estimates, Table 5.15-H – Existing and Typical Density Scenario Intersection Levels of Service, Table 5.15-I – Conceptual General Plan Intersection Improvement Recommendations, Table 5.15-J – Current Status of Roadways Projected to Operate at LOS E or F in 2025, Table 5.15-K – Freeway Analysis Proposed General Plan, Appendix H – Circulation Element Traffic Study and Traffic Study Appendix, SCAG’s RTp)</p> <p>The project consists of a temporary use along Van Buren Blvd. and will not result in any conflict with any congestion management plans for the area. The proposed project would require the use of nine dump trucks to deliver the excavated material to the deposition site using a selected haul route. This haul route would utilize the access drive across the Dam face accessing Van Buren Blvd for a short distance to the disposal area (@ 0.25 mile on public roads). All truck traffic will be confined to the shoulder area by placing k-rail shoulder of the north bound lanes of Van Buren Blvd. The 2nd route option would be to travel north along Jackson Street (easement access) to Dufferin Avenue then west onto Van Buren Boulevard (@ 2 miles on public roads). This route also uses the shoulder area along the north bound lanes of Van Buren Blvd to access the deposition site and therefore, no trucks are proposed within the travel lanes of Van Buren Blvd. Usage of this route, however, requires a larger length of Van Buren Blvd shoulder. A third route that would only be used if necessary would be via Jackson St to Firethorn Ave to Van Buren Blvd (@ 1.75 miles on public roads). This route involves the use of public roads travel ways along Jackson St, Firethorn Ave and Van Buren Blvd. Regardless of the route selected by the City, there are no conflicts with a congestion management program, including but not limited to level of service standards and travel demand measures, or other standards established by the city’s congestion management agency for designated roads or highway. Impacts are considered less than significant.</p>				
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>16c. Response: (Source: General Plan 2025 Figure PS-6 – Airport Safety Zones and Influence Areas)</p> <p>The project is not associated with the need for increased air traffic. No Impacts are anticipated.</p>				
d. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>16d. Response:</p> <p>Nine dump trucks which are road rated would be utilized for transport of the sediment to the deposition area. The project proposes for route options one and two, to create a temporary designated truck lane for construction traffic. The designated lane will be along north bound Van Buren Blvd shoulder, adjacent to and generally follow the same curvature of Van Buren Blvd. No construction traffic is proposed to enter public travel lanes on Van Buren Blvd. The placement of k Rails to direct traffic is an acceptable feature used on public thoroughfares and will not result in any increased hazard to the public. Furthermore, the project does not propose the construction of any permanent roadway infrastructure and therefore, will not increase hazards due to design features such as sharp curves or dangerous intersection or incompatible uses. Impacts are considered less than significant.</p>				
e. Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>16e. Response: (Source: California Department of Transportation Highway Design Manual, Municipal Code, and Fire Code)</p>				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Existing Emergency access to the facility would not be impacted by the project. No development is proposed that would alter the need for additional or revised emergency access. Impacts are considered less than significant.				
f. Conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16f. Response: (Source: FPEIR, General Plan 2025 Land Use and Urban Design, Circulation and Community Mobility and Education Elements, Bicycle Master Plan May 2007, School Safety Program – Walk Safe! – Drive Safe!)				
There is no designated bicycle lane in Van Buren Blvd. The project will not conflict with any alternative transportation plans or infrastructure located in the area. Impacts are considered less than significant.				
17. UTILITIES AND SYSTEM SERVICES.				
Would the project:				
a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17a. Response:				
No wastewater generation will be realized by this project. The project consists of a sediment excavation operation. No impacts are anticipated.				
b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17b. Response:				
This project does not require significant sources of water and no infrastructure would be triggered by this project. Any need for water for dust control purposes and irrigation of reseeded stockpile areas would be provided by the City's Public Utilities Department Water Division via existing water pipelines.. Impacts are considered less than significant.				
c. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17c. Response:				
The result of this project would be a slight enhancement of storage capacity at the Reservoir for flood control purposes. Impacts are considered less than significant.				
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17d. Response:				
See 17b for response. Impacts are considered less than significant.				
e. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17e. Response:				

ISSUES (AND SUPPORTING INFORMATION SOURCES):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
See 17a for response. No impacts are anticipated.				
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17f. Response: The project would not generate solid waste as no sediment excavated in the Reservoir would be hauled to a solid waste facility. No impacts are anticipated.				
g. Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17g. Response: See 17f for response. No Impacts are anticipated.				
18. MANDATORY FINDINGS OF SIGNIFICANCE.				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or an endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18a. Response: <i>(Source: General Plan 2025 – Figure OS-6 – Stephen’s Kangaroo Rat (SKR) Core Reserve and Other Habitat Conservation Plans (HCP), Figure OS-7 – MSHCP Cores and Linkages, Figure OS-8 – MSHCP Cell Areas, General Plan 2025 FPEIR Figure 5.4-2 – MSHCP Area Plans, Figure 5.4-4 - MSHCP Criteria Cells and Subunit Areas, Figure 5.4-6 – MSHCP Narrow Endemic Plant Species Survey Area, Figure 5.4-7 – MSHCP Criteria Area Species Survey Area, Figure 5.4-8 – MSHCP Burrowing Owl Survey Area, MSHCP Section 6.1.2 - Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools, and Habitat Assessment prepared by LSA Associates, 2013, FPEIR Table 5.5-A Historical Districts and Neighborhood Conservation Areas, Figure 5.5-1 - Archaeological Sensitivity, Figure 5.5-2 - Prehistoric Cultural Resources Sensitivity, Appendix D, Title 20 of the Riverside Municipal Code)</i> With incorporation of the mitigation measures as annotated, impacts would be less than significant.				
b. Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18b. Response: <i>(Source: FPEIR Section 6 – Long-Term Effects/ Cumulative Impacts for the General Plan 2025 Program)</i> Project is of short duration and limited scope, impacts would be less than significant on a cumulative basis. Impacts are considered less than significant.				
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18c. Response: <i>(Source: FPEIR Section 5 – Environmental Impact Analysis for the General Plan 2025 Program)</i> Impacts are anticipated to be less than significant since it does not involve operations near habitable areas. Impacts are considered less than significant.				

Note: Authority cited: Sections 21083 and 21087, Public Resources Code. Reference: Sections 21080(c), 21080.1, 21080.3, 21082.1, 21083, 21083.3, 21093, 21094, 21151, Public Resources Code; Sundstrom v. County of Mendocino, 202 Cal.App.3d 296 (1988); Leonoff v. Monterey Board of Supervisors, 222 Cal.App.3d 1337 (1990).

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Staff Recommended Mitigation Measures

Impact Category	Mitigation Measures	Implementation Timing	Responsible Monitoring Party ¹	Monitoring/Reporting Method
Air Quality	MM Air-1: To mitigate for potential adverse impacts resulting from construction activities, the contractor shall keep dirt drive isles and stockpiles moist by dampening twice daily to prevent excessive dust.	Site-Specific Environmental Review.	Public Utilities Department	Construction Inspection
	MM Air-2: To mitigate for potential adverse impacts resulting from construction activities, development projects must abide by the SCAQMD's Rule 403 concerning Best Management Practices for construction sites in order to reduce emissions during the construction phase. Measures may include: <ul style="list-style-type: none"> • Development of a construction traffic management program that includes, but is not limited to, rerouting construction related traffic off congested streets, consolidating truck deliveries, and providing temporary dedicated turn lanes for movement of construction traffic to and from site; • Sweep streets at the end of the day if visible soil material is carried onto adjacent paved public roads; • Wash off trucks and other equipment leaving the site; • Replace ground cover in disturbed areas immediately after construction; Enforce a 15 mile per hour speed limit on unpaved portions of the construction site.	Prior to start of construction	Public Utilities Department	Construction Inspection.
	MM Air-3: To reduce diesel emissions associated with construction, construction contractors shall provide temporary electricity to the site to eliminate the need for diesel-powered electric generators, or provide evidence that electrical hook ups at construction sites are not cost effective or feasible.	Prior to start of construction.	Public Utilities Department	Construction Inspection

¹ All agencies are City of Riverside Departments/Divisions unless otherwise noted.

Impact Category	Mitigation Measures	Implementation Timing	Responsible Monitoring Party ¹	Monitoring/Reporting Method
	<p>MM Air-4: To reduce construction related particulate matter air quality impacts of City projects the following measures shall be required:</p> <ol style="list-style-type: none"> 1. the generation of dust shall be controlled as required by the AQMD; 2. grading activities shall cease during periods of high winds (greater than 25 mph); 3. trucks hauling soil, dirt or other emissive materials shall have their loads covered with a tarp or other protective cover as determined by the City Engineer; and <p>The contractor shall prepare and maintain a traffic control plan, prepared, stamped and signed by either a licensed Traffic Engineer or a Civil Engineer. The preparation of the plan shall be in accordance with Chapter 5 of the latest edition of the Caltrans Traffic Manual and the State Standard Specifications. The plan shall be submitted for approval, by the engineer, at the preconstruction meeting. Work shall not commence without an approved traffic control plan.</p>	Prior to start of construction.	Public Utilities Department	Construction Inspection.
Biological Resources	<p>MM Bio-1: Participation in Stephens' Kangaroo Rat Habitat Conservation Plan and the Western Riverside Multiple Species Habitat Conservation Plan, If required, the Public Utilities Department shall pay the appropriate mitigation fee in conformance with the Stephens' Kangaroo Rat Habitat Conservation Plan. All work associated with the project shall adhere to the provisions set forth in the Western Riverside Multiple Species Habitat Conservation Plan.</p>	Prior to commencement of operations.	Public Utilities Department	Payment of Fee
	<p>MM Bio-2: Special State Animal Species Avoidance and Minimization – Nesting Birds. The following measures shall be implemented to minimize impacts to nesting birds for compliance to MBTA provisions. Plan Requirements: To avoid take of nesting birds and raptors, vegetation removal and initial ground disturbance should occur outside the nesting bird breeding season, which is approximately February 1 through September 1. If ground disturbance and pipe installation/removal</p>	To be conducted prior to commencement of operations if during the MBTA nesting season (February 1-September 1)	Public Utilities Department	What is the monitoring/Reporting method?

Impact Category	Mitigation Measures	Implementation Timing	Responsible Monitoring Party ¹	Monitoring/Reporting Method
	<p>must begin within the bird breeding season, then a nesting bird and raptor pre-construction survey shall be conducted by a qualified biologist within the disturbance footprint plus a 100-foot buffer no more than two weeks prior to initiation of such activities. A report of all survey efforts shall be submitted to the Public Utilities Department within 5 business days of completion.</p>			
<p>Cultural Resources</p>	<p>MM CR-1: The following mitigation measures are implemented to reduce project-related adverse impacts to archaeological resources and sites containing Native American human remains that may be inadvertently discovered:</p> <p>a. If buried archaeological resources are uncovered during construction, all work must be halted in the vicinity of the discovery until a registered professional archaeologist can visit the site of discovery and assess the significance and origin of the archaeological resource. If the resource is determined to be of Native American origin, the Tribe shall be consulted. If the archaeological resource is determined to be a potentially significant cultural resource, the City, in consultation with the project archaeologist and the Tribe, shall determine the course of action which may include data recovery, retention in situ, or other appropriate treatment and mitigation depending on the resources discovered.</p> <p>In the event of an accidental discovery of any human remains in a location other than a dedicated cemetery, the steps and procedures specified in Health and Safety Code 7050.5, <i>State CEQA Guidelines</i> 15064.5(e), and Public Resources Code 5097.98 <u>must</u> be implemented. Specifically, in accordance with Public Resources Code (PRC) Section 5097.98, the Riverside County Coroner must</p>	<p>Ongoing during construction</p>	<p>Public Utilities Department</p>	<p>Departmental Notification to Representative Native American Representative Party</p>

Impact Category	Mitigation Measures	Implementation Timing	Responsible Monitoring Party ¹	Monitoring/Reporting Method
	<p>be notified within 24 hours of the discovery of potentially human remains. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the Native American Heritage Commission (NAHC) by phone within 24 hours, in accordance with PRC Section 5097.98. The NAHC will then designate a Most Likely Descendant (MLD) with respect to the human remains within 48 hours of notification. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and associated grave goods within 24 hours of notification. Whenever the NAHC is unable to identify a MLD, or the MLD fails to make a recommendation, or the landowner or his or her authorized representative rejects the recommendation of the MLD and the mediation provided for in subdivision (k) of PRC Section 5097.94 fails to provide measures acceptable to the landowner, the landowner or his or her authorized representative shall re-inter the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further subsurface disturbance.</p>			
Geology/ Soils	<p>MM GEO-1: Stockpile areas with excavated material shall be seeded with a native vegetation seed mix in conformance with MSHCP Guidelines Section 6.1.4. Plan Requirements. The containment banks of the basins shall be seeded with a seed mix consistent with the MSHCP and suitable for erosion control. The Public Utilities Department shall ensure all exposed soils are seeded.</p>	<p>Upon conclusion of grading activities.</p>	<p>Public Utilities Department</p>	<p>What is the monitoring/Reporting method?</p>

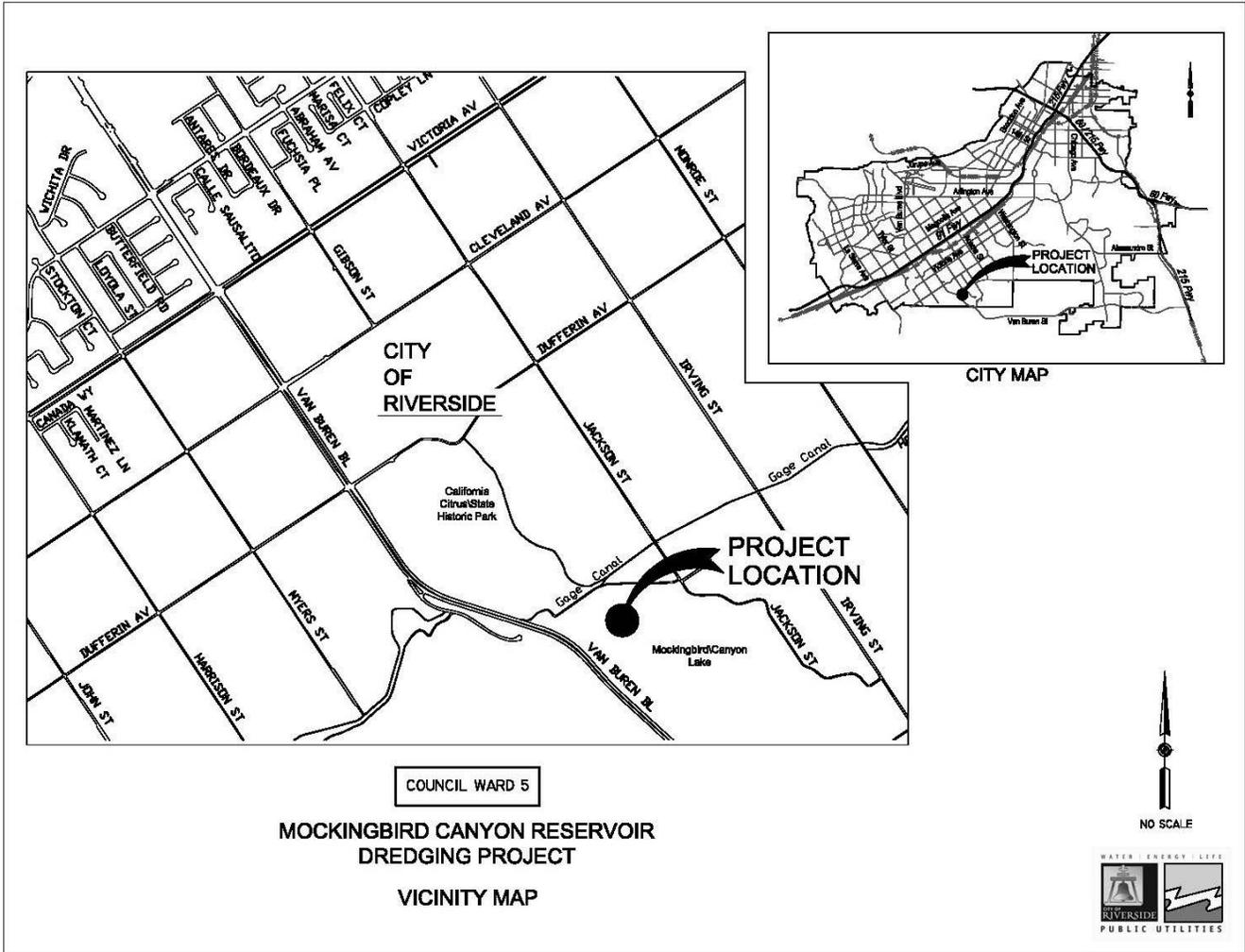
Impact Category	Mitigation Measures	Implementation Timing	Responsible Monitoring Party ¹	Monitoring/Reporting Method
Hydrology/ Water Quality	WR-1. Reservoir shall be dewatered prior to commencement of sediment removal. No fill or excavated material shall be relocated, graded, or discharged into the Reservoir area. All material is to be excavated, loaded onto haul trucks and transported to designated non-jurisdictional areas in conformance with approved grading and drainage plans.	De-watering prior to commencement of excavation operations.	The Public Utilities Department shall implement the grading and drainage plans, as prepared by the Engineer, ensuring all elements of the plans are implemented.	What is the monitoring/Reporting method?
	<p>WR-2. The Public Utilities Department shall have prepared and implement a Storm Water Pollution and Prevention Plan (SWPPP). The SWPPP shall identify:</p> <ul style="list-style-type: none"> • Identification and utilization of water quality Best Management Practices (BMPs) provided in the California Storm Water BMP Handbook. • Potential pollutant sources that may affect water quality. • Method for ensuring all BMPs are adhered to during operations. 	Prior to start of construction.	Public Utilities Department	Construction Inspection

ATTACHMENTS

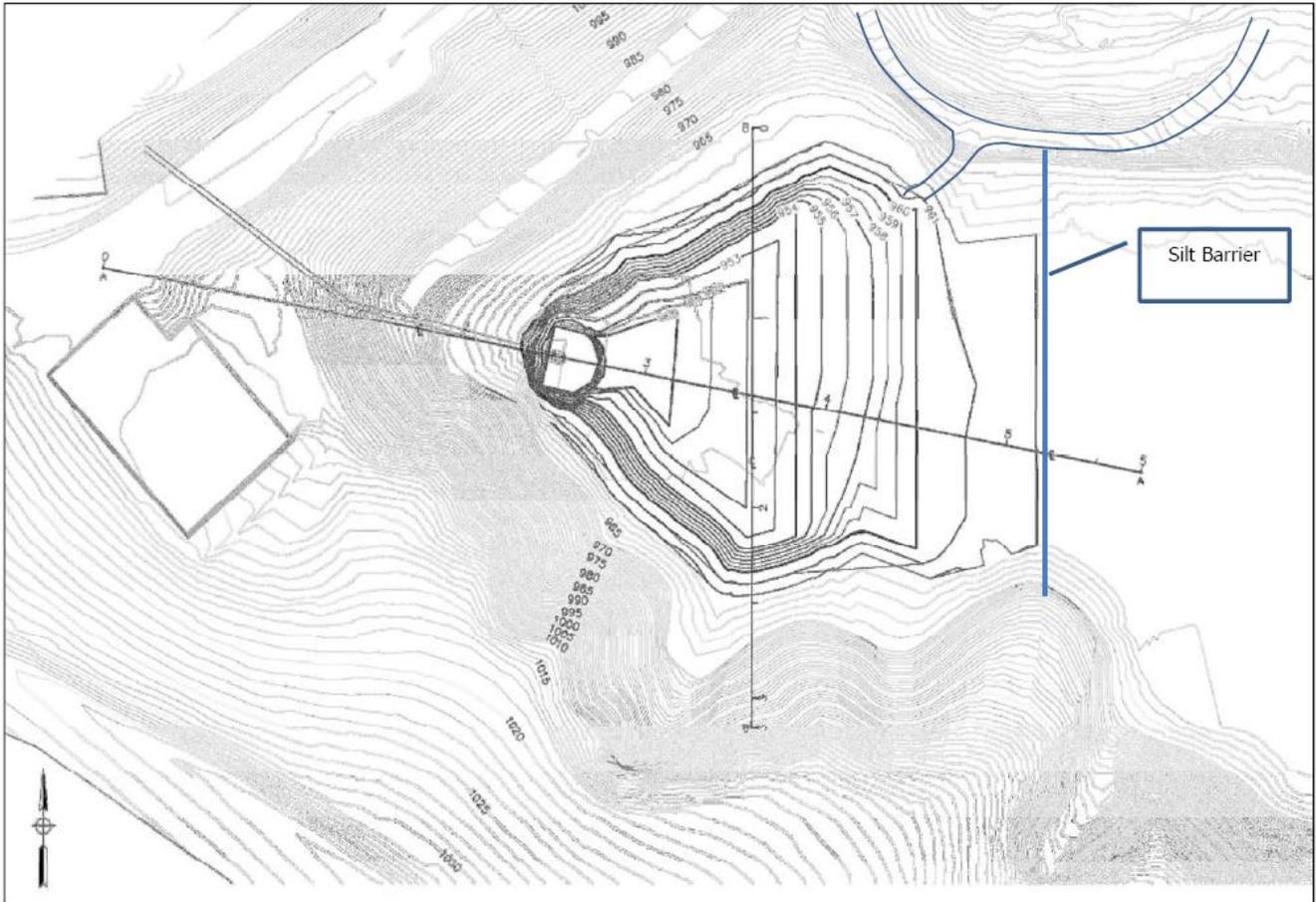
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ATTACHMENT 1

VICINITY MAP



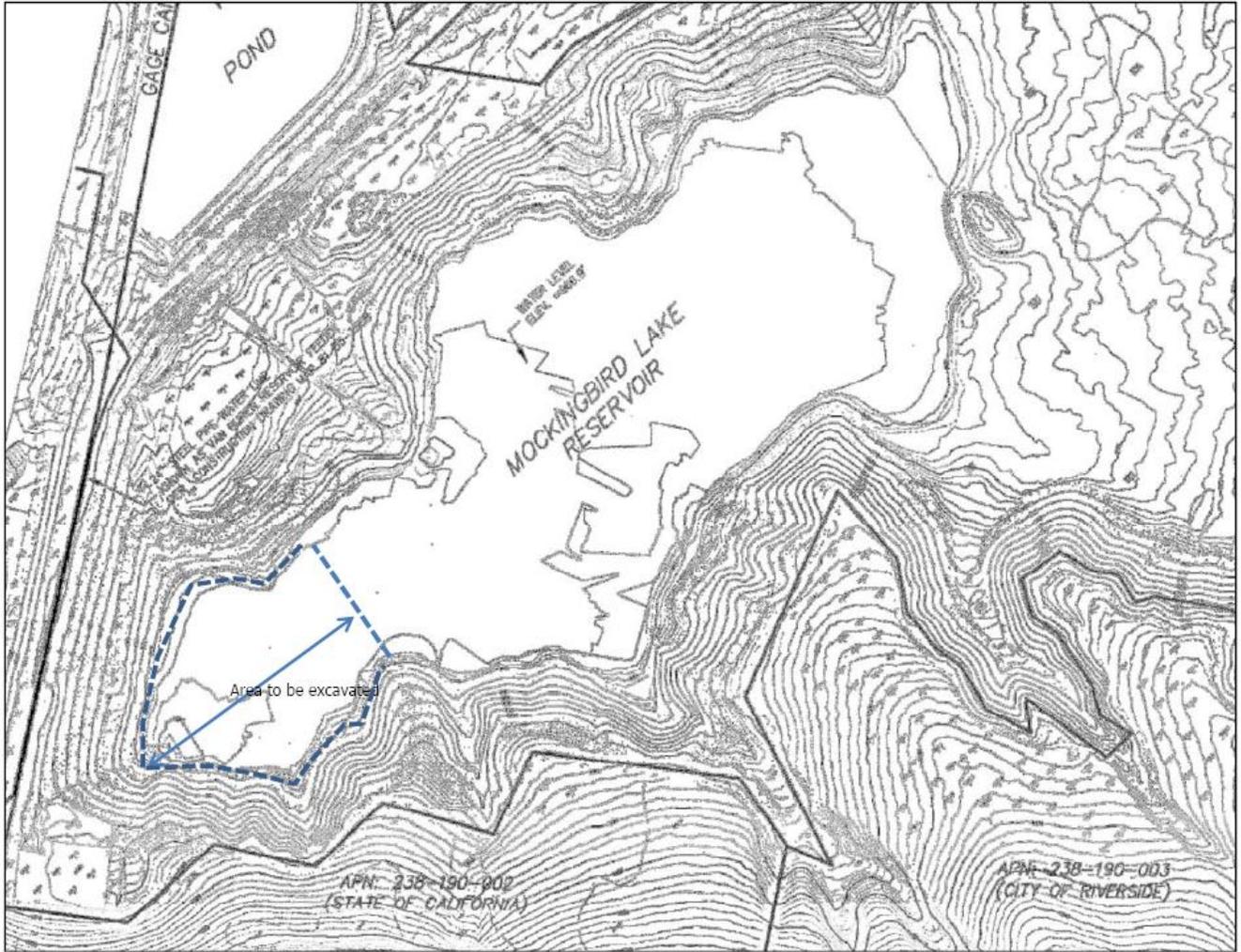
ATTACHMENT 2
EXCAVATION PLAN



DK

ATTACHMENT 3

EXCAVATION: SITE PLAN OF RESERVOIR



ATTACHMENT 4

HAUL ROUTES



-  Route 1: Dam Access Road/Van Buren Boulevard
-  Route 2: Jackson Street/Dufferin Avenue/Van Buren Boulevard
-  Route 3: Jackson Street/Firethorn Avenue/Van Buren Boulevard

ATTACHMENT 5

SEDIMENT DEPOSITION AREA

