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## Figure

Figure 1: Regional Map 2-2
SECTION 1.0 INTRODUCTION

1.1 Purpose of Initial Study

Pursuant to the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA), the U.S. Army Corps of Engineers (USACE) and the Orange County Water District (OCWD) propose to prepare a joint Environmental Impact Report and Environmental Assessment (EIR/EA) for a Five Year Planned Deviation to the Prado Dam Water Control Plan and the implementation of sediment removal demonstration project within the Prado Basin (Project). The USACE is the Lead Agency for NEPA and the OCWD is the Lead Agency for CEQA.

This document is an Initial Study that evaluates the potential environmental impacts associated with the implementation of the Project. The Initial Study has been prepared in accordance with the CEQA, Public Resources Code Section 21000 et seq., State CEQA Guidelines, and the Orange County Water District CEQA Environmental Procedures. The Initial Study identifies environmental issues that do not require further evaluation and potentially significant environmental issues that require further evaluation. Based on the environmental review contained in this Initial Study it has been determined that implementation of the Project could have the potential to result in significant impacts to the environment and that the preparation of an environmental impact report is required to comply with the California Environmental Quality Act. A preliminary evaluation of the potential impacts to the environment is presented in Sections 3 and 4 of this Initial Study.

In accordance with Section 15082 of the CEQA Guidelines a Notice of Preparation (NOP) of an EIR shall be prepared and circulated to trustee agencies, responsible agencies and interested organizations and members of the public for a 30-day review period to help identify issues that require evaluation in the EIR. At this time we are requesting your comments on the scope of the Project and the identification of issues that should be evaluated in the EIR/EA. Due to time limits mandated by state law, your response must be submitted no later than 30 days after receipt of this notice. The public review period for the NOP will extend from April 26, 2016 to May 26, 2016.
SECTION 2.0 PROJECT DESCRIPTION

Proposed Project
The proposed project is a request for Planned Deviation to the Prado Dam Water Control Plan and the implementation of a proposed sediment removal demonstration project within the Prado Basin (Project).

Study Area
The study area is situated within the Prado Basin in Riverside County and San Bernardino County. As shown in Figure 1 Prado Basin is bordered to the south by State Route 91 and to the west by State Route 71.

Project Activities

Planned Deviation
In response to significant decreases in base flows long the Santa Ana River, prolonged drought conditions and limited availability of imported water supplies, OCWD has requested a Planned Deviation to the existing Prado Dam Water Control Plan (Planned Deviation) to allow for an increase in the elevation of the buffer pool from water elevation 498 ft. to water elevation 505 ft. during the flood season. During the non-flood season, the buffer pool would continue to operate at a maximum water elevation of 505 ft. Increasing the buffer pool elevation from 498 ft. to 505 ft. during the flood season could provide up to approximately 10,000 acre-feet of additional storage space and up to approximately 5,000 acre-feet of additional water per year for conservation and groundwater recharge. Implementation of the Planned Deviation would result in higher elevation pooling and additional days of inundation in the Prado Basin. The implementation of the Planned Deviation would be consistent with the ongoing flood risk management operations at the Prado Dam and would be implemented in a manner that would not have any adverse impact on flood risk management operations at the dam.

Sediment Removal
The OCWD is proposing a sediment removal demonstration project that would remove 120,000 cubic yards of sediment from the Prado Basin and haul it offsite to the El Sobrante Landfill. A combination of dry excavation and hydraulic dredging methods would be used to remove the sediment. The sediment removal activities would occur along a segment of the Santa Ana River within the Prado Basin reservoir area. The sediment removal program involves three primary activities; the construction of sediment removal channel and sediment storage/green waste processing area, sediment removal by dry excavation and hydraulic dredging and hauling of the removed sediment material from the Prado Basin to the El Sobrante Landfill.
Restoration and Monitoring Programs

The Project proposes a series of monitoring programs to provide data, conclusions and recommendations to help consider the implementation of a long-term water conservation and sediment management program at Prado Basin. The following is a listing of the monitoring programs that would be implemented as part of the Project.

- Sediment Data Collection Program
- Habitat Monitoring Program
- Hazardous Substance Monitoring Program
- Water Quality Monitoring
- Sediment Movement Monitoring Program
**SECTION 3.0 ENVIRONMENTAL CHECK LIST EVALUATIONS**

The following is the OCWD Environmental Checklist Form that was prepared for the Prado Basin Planned Deviation to Prado Dam Water Control Plan and Sediment Removal Demonstration Project. The Environmental Checklist Form is consistent with Environmental Checklist form provided in Appendix G of the CEQA Guidelines.

**Environmental Determination On the basis of this initial evaluation, I find that:**

a) □ The proposed project COULD NOT have a significant effect on the environment and a NEGATIVE DECLARATION will be prepared.

b) □ Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions to the project have been made by or agreed to by the applicant. A MITIGATED NEGATIVE DECLARATION will be prepared.

c) ☑ The proposed project MAY have a significant effect on the environment and an ENVIRONMENTAL IMPACT REPORT is required.

d) □ 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 (EIR No. - ) pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the project, nothing further is required.

e) □ Pursuant to Section 15164 of the CEQA Guidelines, an EIR (EIR No. - ) has been prepared earlier and only minor technical changes or additions are necessary to make the previous EIR adequate and these changes do not raise important new issues about the significant effects on the environment. An ADDENDUM to the EIR shall be prepared.

f) □ Pursuant to Section 15162 of the CEQA Guidelines, an EIR (EIR No. - ) has been prepared earlier; however, subsequent proposed changes in the project and/or new information of substantial importance will cause one or more significant effects no previously discussed. A SUBSEQUENT EIR shall be prepared.

Daniel Bott Date
### V. ISSUES & SUPPORTING INFORMATION SOURCES

<table>
<thead>
<tr>
<th>Issue Description</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant Impact with Mitigation Incorporated</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. AESTHETICS – Would the project:</td>
<td></td>
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<tr>
<td>a) Have a substantial adverse effect on a scenic vista?</td>
<td>✗</td>
<td></td>
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<tr>
<td>b) Damage scenic resources, including but not limited to, trees, rock outpourings and historic buildings within a state highway?</td>
<td>✗</td>
<td></td>
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<tr>
<td>c) Substantially degrade the existing visual character or quality of the site and its surroundings?</td>
<td>✗</td>
<td></td>
<td></td>
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<tr>
<td>d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?</td>
<td></td>
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<td>✗</td>
</tr>
<tr>
<td>II. AGRICULTURAL AND FOREST RESOURCES:</td>
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<tr>
<td>a) Convert Prime Farmland, Unique Farmland or Farmland of Statewide Importance (Farmland) to non-agricultural use? (The Farmland Mapping and Monitoring Program in the California Resources Agency, Department of Conservation, maintain detailed maps of these and other categories of farmland.)</td>
<td>✗</td>
<td></td>
<td></td>
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<tr>
<td>b) Conflict with existing zoning for agricultural use or a Williamson Contract?</td>
<td>✗</td>
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<tr>
<td>c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))</td>
<td></td>
<td></td>
<td></td>
<td>✗</td>
</tr>
<tr>
<td>d) Result in the loss of forest land or conversion of forest land to non-forest use?</td>
<td>✗</td>
<td></td>
<td></td>
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<tr>
<td>e) Involve other changes in the existing environment which, due to their location or nature, could individually or cumulatively result in loss of Farmland, to non-agricultural use or conversion of forest land to non-forest use?</td>
<td>✗</td>
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### Section 3

**Environmental Check List Evaluations**

#### V. ISSUES & SUPPORTING INFORMATION SOURCES

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<tr>
<th>POTENTIALLY SIGNIFICANT IMPACT</th>
<th>LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED</th>
<th>LESS THAN SIGNIFICANT IMPACT</th>
<th>NO IMPACT</th>
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#### III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management or pollution control district may be relied upon to make the following determinations.

Would the project:

- a) Conflict with or obstruct implementation of applicable Air Quality Attainment Plan?
- b) Violate any stationary source air quality standard or contribute to an existing or projected air quality violation?
- 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)?
- d) Expose sensitive receptors to substantial pollutant concentrations?
- e) Create objectionable odors affecting a substantial number of people?

#### IV. BIOLOGICAL RESOURCES – Would the project:

- a) Have a substantial adverse impact, 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 Services?
- b) Have a substantial adverse impact on any riparian habitat or natural community identified in local or regional plans, policies, and regulations or by the California Department of fish and Game or U.S. Fish and Wildlife Service?
- c) Adversely impact federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) either individually or in combination with the known or probable impacts of other activities through direct removal, filling hydrological interruption, or other means?
- 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?
- e) Conflict with any local policies or ordinances protecting biological resources, such as tree
V. ISSUES & SUPPORTING INFORMATION SOURCES

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<th>POTENTIALLY SIGNIFICANT IMPACT</th>
<th>LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED</th>
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<td>preservation policy or ordinance?</td>
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</table>

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?

V. CULTURAL RESOURCES – Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?

b) Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to define Section 15064.5?

c) Directly or indirectly disturb or destroy a unique paleontological resource or site?

d) Disturb any human remains, including those interred outside of formal cemeteries?

VI. 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:
   1. Rupture of a known earthquake fault, as delineated on the most recent 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?
   2. Strong seismic ground shaking?
   3. Seismic-related ground failure, including liquefaction?
   4. Landslides?

b) Would the project result in substantial soil erosion or the loss of topsoil?

c) Be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

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?

e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste disposal systems where sewers are not available for the disposal of
Section 3
Environmental Check List Evaluations

V. ISSUES & SUPPORTING INFORMATION SOURCES

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wastewater?

VII. GREENHOUSE GAS EMISSIONS — Would the project?

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

VIII. HAZARDOUS AND 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?

b) Create a significant hazard to the public or environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substance or waste within one-quarter mile of an existing or proposed school?

d) Be located on a site which is located on a list of hazardous materials sites compiled pursuant to Government Code Section 659662.5 and, as a result, would it create a significant hazard to the public or the environment?

e) For a project located within an airport land use plan or where such a plan has not been adopted, within two miles where 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?

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?

g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?
V. ISSUES & SUPPORTING INFORMATION SOURCES

V. ISSUES & SUPPORTING INFORMATION SOURCES

<table>
<thead>
<tr>
<th>V. HYDROLOGY AND WATER QUALITY – Would the project:</th>
</tr>
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<tbody>
<tr>
<td>a) Violate any water quality standards or waste discharge requirements?</td>
</tr>
<tr>
<td>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)?</td>
</tr>
<tr>
<td>c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?</td>
</tr>
<tr>
<td>d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?</td>
</tr>
<tr>
<td>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?</td>
</tr>
<tr>
<td>f) Otherwise substantially degrade water quality?</td>
</tr>
<tr>
<td>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?</td>
</tr>
<tr>
<td>h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?</td>
</tr>
<tr>
<td>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?</td>
</tr>
<tr>
<td>j) Inundation by seiche, tsunami, or mudflow?</td>
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X. LAND USE AND PLANNING – Would the project:

<table>
<thead>
<tr>
<th>X. LAND USE AND PLANNING – Would the project:</th>
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<tbody>
<tr>
<td>a) Physically divide an established community?</td>
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<tr>
<td>b) Conflict with any applicable land use plan,</td>
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</tbody>
</table>
### V. ISSUES & SUPPORTING INFORMATION SOURCES

<table>
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<tr>
<th>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?</th>
<th>POTENTIALLY SIGNIFICANT IMPACT</th>
<th>LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED</th>
<th>LESS THAN SIGNIFICANT IMPACT</th>
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<tbody>
<tr>
<td>c) Conflict with any applicable habitat conservation plan or natural community conservation plan?</td>
<td>☒</td>
<td>☐</td>
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</table>

### XI. MINERAL RESOURCES – Would the project:

a) 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?

### XII. 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?

b) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

c) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without project?

d) 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?

e) 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?

f) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

### XIII. POPULATION AND HOUSING – Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and business) or indirectly (for example, through extension of roads or other infrastructure)?
<table>
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<th>V. ISSUES &amp; SUPPORTING INFORMATION SOURCES</th>
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<th>LESS THAN SIGNIFICANT IMPACT</th>
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<td>b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?</td>
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<td>☐</td>
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XIV. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service rations, response times or other performance objectives for any of the public service:

- Fire protection? ☐ ☐ ☐ ☒
- Police protection? ☐ ☐ ☐ ☒
- Schools? ☐ ☐ ☐ ☒
- Parks? ☐ ☐ ☐ ☒
- Other public facilities? ☐ ☐ ☐ ☒

XV. 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? ☒ ☐ ☐ ☐

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? ☐ ☐ ☐ ☒

XVI. TRANSPORTATION/TRAFFIC Would the project:

a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit? ☒ ☐ ☐ ☐

b) Conflict with an applicable congestion ☐ ☐ ☒ ☐
management program, including but 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?

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?

d) Substantially increase hazards to a design feature (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?

e) Result in inadequate emergency access?

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?

XVII. UTILITIES AND SERVICE SYSTEMS – Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

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?

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?

d) Are sufficient water supplies available to serve the project from existing entitlements and resources or are new or expanded entitlements needed?

e) Result in the 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?

f) Is the project served by a landfill with sufficient permitted capacity to accommodate the project’s solid waste disposal needs?
<table>
<thead>
<tr>
<th>V. ISSUES &amp; SUPPORTING INFORMATION SOURCES</th>
<th>POTENTIALLY SIGNIFICANT IMPACT</th>
<th>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED</th>
<th>LESS THAN SIGNIFICANT IMPACT</th>
<th>NO IMPACT</th>
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<tbody>
<tr>
<td>g) Comply with federal, state and local statutes and regulations related to solid waste?</td>
<td>☐</td>
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</table>

**XVIII. 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 endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? ☒ ☐ ☐ ☐ ☐

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, effects of other current projects and the effects of probable future projects). ☒ ☐ ☐ ☐ ☐

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? ☒ ☐ ☐ ☐ ☐

Note: Authority cited: Sections 21083, 21083.05, Public Resources Code. Reference: Section 65088.4
SECTION 4.0 ENVIRONMENTAL ANALYSIS

The following environmental analysis responds to the environmental issues listed on the OCWD CEQA Checklist Form. The analysis identifies the level of anticipated impact that could occur from the construction and operation of the Prado Basin Planned Deviation to Prado Dam Water Control Plan and Sediment Removal Demonstration Project.

4.1 Aesthetics

A. Would the project have a substantial adverse effect on a scenic vista?

**Potential Significant Impact:** The Prado Basin contains the largest riparian forest in southern California. The basin provides open space relief to a regional area that is predominantly urbanized. Potential public views into Prado Basin are currently provided from Chino Hills State Park, Prado Regional Park, Santa Ana River Regional Park and from the future alignment of the Santa Ana River Trail. During construction and operation of the Project public views into the Prado Basin could be interrupted with construction equipment and construction activity. The EIR/EA would evaluate potential impacts to scenic vistas into Prado Basin.

B. Would the project damage scenic resources, including but limited to trees, rock outpourings, and historic buildings within a State Highway?

**Potential Significant Impact:** According to the California Department of Transportation Scenic Highways Program, both State Route 71 and State Route 91 are Eligible State Scenic Highways. During the construction and operation of the Project existing views into Prado Basin would be temporarily replaced with construction equipment and construction activity. The EIR/EA would evaluate potential Project impacts to scenic resources along State Route 91 and State Route 71.

C. Would the project substantially degrade the existing visual character or quality of the site and its surrounding?

**Potential Significant Impact:** The visual character of the study area is natural open space. During construction operations, the existing natural open space visual character of the study area would be replaced with construction equipment and construction activity. The EIR/EA would evaluate potential impacts to the existing aesthetic character of the study area as a result of the implementation of the Project.

D. Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area.
No Impact: The implementation of the Project would not introduce permanent or temporary light and glare impacts into the study area. The EIR/EA would not evaluate potential light and glare impacts.

4.2 Agricultural Resources/Forest Resources

A. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

Potential Significant Impact: Within the study area there are existing agriculture land uses which could be classified as Prime Farmland, Unique Farmland or Farmland of Statewide Importance. The EIR/EA would determine the significance of the farmland and evaluate potential impacts that could occur from the implementation of the Project.

B. Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

Potential Significant Impact: Within the study area are existing agriculture land uses which could be classified Prime Farmland, Unique Farmland or Farmland of Statewide Importance. The EIR/EA would determine the significance of the farmland and evaluate potential impacts that could occur from the implementation of the Project.

C. Would the project be in conflict with existing zoning for, or cause rezoning of forest land or timberland.

No Impact: The Riverside County General Plan designates the study area open space. The study area is not zoned for timberland production. The Project would not rezone the study from open space to a different land use. This issue would not be evaluated in the EIR/EA.

D. Would the project result in the loss of forest land or conversion of forest land to non-forest use?

Potential Significant Impact: According to the California Department of Forestry, the study area is not designated State Forest Lands. The Project would not permanently convert forest land to non-forest land uses. Potential temporary impacts to riparian forest lands at Prado Basin would be evaluated in the EIR/EA, as part of the evaluation of impacts to biological resources.

E. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of forest land to non-forest use?
Potential Significant Impact: The Project would not permanently convert forest land to non-forest land uses. Potential temporary impacts to riparian forest lands at Prado Basin would be evaluated in the EIR/EA, as part of the evaluation of impacts to biological resources.

4.3 Air Quality

A. Would the project be in conflict with or obstruct implementation of the applicable air quality plan or congestion management plan?

Potential Significant Impact: The study area is located within the South Coast Air Basin (basin). The air pollution control agency for the basin is the South Coast Air Quality Management District (SCAQMD). The construction and operation of the Project could emit criteria air quality pollutant emissions that could exceed SCAQMD thresholds and could result in potentially significant air quality impacts that could potentially be in conflict with SCAQMD Air Quality Management Plan. This issue would be evaluated in the EIR/EA.

B. Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Potential Significant Impact: The construction and operation of the Project could emit criteria air quality pollutant emissions that could exceed SCAQMD thresholds and could result in potentially significant regional and local air quality impacts. This issue would be evaluated in the EIR/EA.

C. Would the project result in 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?

Potential Significant Impact: The construction and operation of the Project could emit criteria air quality pollutant emissions that together with other cumulative projects in the study area could exceed SCAQMD thresholds and could result in potentially significant air quality impacts. This issue would be evaluated in the EIR/EA.

D. Would the project expose sensitive receptors to substantial pollutant concentrations?

Potential Significant Impact: The construction and operation of the Project could emit criteria air quality pollutant emissions that could exceed SCAQMD thresholds and result in potentially significant localized air quality impacts. This issue would be evaluated in the EIR/EA.

E. Would the project create objectionable odors affecting a substantial number of people?
Less than Significant Impact: Land uses typically considered associated with long term odor impacts include; wastewater treatment facilities, waste-disposal facilities, or agricultural operations. The Project does not propose any land uses typically associated with emitting long term objectionable odors. Diesel exhaust would be emitted during construction of the Project, which could be objectionable to some individuals. However, the emissions would disperse rapidly from the study area and should not reach an objectionable level at the nearest sensitive receptors. Potential construction related odor impacts would be less than significant. This issue would not be evaluated in the EIR/EA.

4.4 Biological Resources

A. Would the project have a substantial adverse impact, either directly or though 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 Services?

Potential Significant Impact: Based on review of the California Department of Fish and Wildlife Natural Diversity Database and the United States Department of Interior Information, Planning and Conservation System Database there would be high potential that special status wildlife species and plant species could occur within the study area. The EIR/EA would evaluate if construction and operation of the Project would have the potential to result in adverse impacts to sensitive wildlife and plant species and their habitat.

B. Would the project have a substantial adverse impact on any riparian habitat or natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Potential Significant Impact: Implementation of the Project would result in the temporary loss of riparian habitat which is considered sensitive vegetation community by California Department of Fish and Wildlife. The EIR/EA would evaluate potential impacts to riparian habitat and other sensitive communities that could be impacted by the construction and operation of the Project.

C. Would the project have a substantially adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act through direct removal, filling hydrological interruption, or other means?

Potential Significant Impact: The construction and operation of the Project would have the potential to impact wetland Waters and non-vegetated Waters of the United States and State of California. The EIR/EIS would evaluate potential impacts to wetland Waters and non-vegetated Waters of the United States and State of California.
D. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

**Potential Significant Impact:** The Prado Basin and the streams in the basin function as wildlife corridors. Additionally, Prado Basin contains a high migratory bird population. The EIR/EA would evaluate potential wildlife corridor impacts and impacts to migratory birds associated with the construction and operation of the Project.

E. Would the project conflict with any local policies or ordinances protecting biological resources, such as tree preservation policy or ordinance?

**Potential Significant Impact:** The EIR/EA would evaluate if the Project would conflict with local policies and ordinances that provide for the protection of biological resources.

F. Would the project be in conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

**Potential Significant Impact:** The study area is included within the Western Riverside County Multiple Species Habitat Conservation Plan and upstream of the Orange County Santa Ana canyon Habitat Management Plan. The EIR/EA would evaluate if the construction and operation of the Project would be in conflict with policies and programs provided in the Western Riverside County Multiple Species Habitat Conservation Plan and the Orange County Santa Ana canyon Habitat Management Plan.

4.5 Cultural Resources

A. Would the project cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5 of the CEQA Guidelines?

**Potential Significant Impact:** The study area is known to contain historical resources. The EIR/EA would evaluate the potential for the construction of the Project to result in adverse impacts to historical resources.

B. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5 of the CEQA Guidelines?

**Potential Significant Impact:** The study area is known to contain archaeological resources. The EIR/EA would evaluate the potential for the construction of the Project to result in adverse impacts to archaeological resources.

C. Would the project directly or indirectly disturb or destroy a unique paleontological resource or site?
Section 4
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**Potential Significant Impact:** The study area is immediately underlain by non-marine sedimentary deposits of Quaternary age. The area along the Santa Ana River is floored by unconsolidated stream alluvium of Holocene age (less than 10,000 years B.P.), which because of their geologically young age, are not considered to be fossiliferous and the paleontological sensitivity would be considered low. However, there would be some potential that unknown paleontological resources could be present and could be potentially damaged when earthwork activities are being conducted. The potential for the discovery of unknown paleontological resources would be evaluated in the EIR/EA.

**D. Would the project disturb any human remains including those interred outside of formal cemeteries?**

**Potential Significant Impact:** The study area is known to contain Native American cultural resources. The EIR/EA would evaluate the potential for the construction of the Project to result in adverse impacts to Native American cultural resources.

4.6 Geology/Soils

**A1. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving rupture of an unknown earthquake fault, as delineated on the most Alquist-Priolo Earthquake Fault Zoning Map?**

**Potential Significant Impact:** According to the State of California Special Studies Zones Map for the USGS Prado Dam Quadrangle, the Elsinore Fault Zone extends through Prado Basin, near State Highway 71. The EIR/EA would evaluate potential fault rupture impacts and how they may affect the construction and operation of the Project.

**A2. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving strong seismic ground shaking?**

**Potential Significant Impact:** The study area is located in a seismically active region that could be subject to seismic shaking impacts from earthquakes generated from several surrounding active faults in the region. The EIR/EA would evaluate potential seismic impacts and how they might impact the construction and operation of the Project.

**A3. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving liquefaction?**

**Potential Significant Impact:** The California Geologic Survey Seismic Hazard Zone Map for the USGS Prado Dam Quadrangle indicates that the study area is located within a Liquefaction Hazard Zone. The EIR/EA would evaluate potential liquefaction impacts and how they might impact the construction and operation of the Project.
A4. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving landslides?

**Less Than Significant Impact:** The California Geologic Survey Seismic Hazard Zone Map for the Prado Dam indicates that the study area is not located within a landslide hazard zone. The EIR/EA would not evaluate potential landslide impacts.

B. Would the project result in substantial soil erosion or the loss of topsoil?

**Potential Significant Impact:** Construction activities associated with the Project could result in erosion impacts. The EIR/EA would evaluate potential erosion impacts that might result from the construction of the Project.

C. Would the project be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project and potentially result in on or off site landslide, lateral spreading, subsidence, liquefaction or collapse?

**Liquefaction**

The EIR/EA would evaluate potential liquefaction impacts and how they might impact the construction and operation of the Project.

**Seismically induced Settlement**

Settlement is characterized as a sinking of the ground surface relative to surrounding areas and could generally occur where deep alluvial soil deposits are present in valley and basin areas. Subsidence could potentially result in ground fractures that could cause damage to surface improvements. The Project does not propose any habitable or permanent structures that would be subject to seismically induced settlement impacts. The EIR/EA would not evaluate seismically induced settlement impacts.

**Landslides**

The California Geologic Survey Seismic Hazard Zone Map for the Prado Dam indicates that the study area is not located within a landslide hazard zone. The EIR/EA would not evaluate potential landslide impacts.

D. Would the project be located on expansive soil, as defined in Table 18-1-B of the uniform Building Code, creating substantial risks to life or property?

**Less than Significant Impact:** The near surface soils within the study area are predominantly comprised of loose silty sands and sands with varying amounts of silt and clay. The sandy soils are typically non-expansive and the silty clay soil are typically moderately to highly expansive. The Project does not propose the construction of any foundations or structures that would be subject to expansive soil conditions. Potential risks associated with expansive soils would be less than significant. The EIR/EA would not evaluate potential impacts from expansive soils.
E. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste disposal systems where sewers are not available for the disposal of wastewater?

**No Impact.** The Project does not propose the use of septic tanks or other alternative wastewater disposal systems. This issue would not be evaluated in the EIR/EA.

### 4.7 Greenhouse Gas Emissions

A. Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?

**Potential Significant Impact:** The construction and operation of the Project would generate greenhouse gas emissions. The EIR/EA would evaluate potential greenhouse gas emission impacts generated from the construction and operation of the Project.

B. Would the project be in conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

**Potential Significant Impact:** The OCWD and the South Coast Air Quality Management District both do not have an applicable plan, policy or regulation adopted to reduce the emissions of greenhouse gases. The State has prepared a draft scoping plan to reduce greenhouse gas emissions. The EIR/EA would evaluate the Project for consistency with the State scoping plan.

### 4.8 Hazards/Hazardous Materials

A. Would the project create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?

**Less than Significant Impact:** The operation of the Project would not involve the routine transportation, disposal or emission of hazardous materials or waste. The operation of the Project would involve the handling of incidental amounts of hazardous materials, such as fuels and oil. The Project would be required to comply with local, state and federal laws and regulations regarding the handling and storage of hazardous materials. Compliance with the required local, state and federal laws and regulations would reduce potential hazards associated with the handling of the incidental amounts of hazardous materials to a less than significant level. This issue would not be evaluated in the EIR/EA.

B. Would the project create a significant hazard to the public or environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?
Less than Significant Impact: The construction and operation of the Project would not create a substantial risk to release hazardous materials into the environment. Construction operations associated with the Project would involve the handling of incidental amounts of hazardous materials. Compliance with federal, state and local laws and regulations would reduce potential impacts associated with the handling of these incidental amounts of hazardous materials to a less than significant level. This issue would not be evaluated in the EIR/EA.

C. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substance or waste within one-quarter mile of an existing or proposed school.

No Impact: The operation of the Project would not emit hazardous emissions, or involve the handling of acutely hazardous substances within one quarter mile of a school. This issue would not be evaluated in the EIR/EA.

D. Would the project be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and as a result, would create significant hazard to the public or the environment?

Potential Significant Impact: Historically, portions of the Prado Basin were used for oil and gas exploration. A total of 13 oil wells were drilled between 1965 and 1993. During this period, the wells were submerged numerous times and several oil spills were known to have occurred. There is some potential that hazards substances could be present in the areas where the former oil wells were located. Additionally, over the years a high amount of incoming sediment has buildup in the study area and there could be the potential that the incoming sediment into Prado Basin could contain elevated levels of hazardous substances. The EIR/EA would evaluate the potential for hazardous substances to be present within the study area.

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 the result in a safety hazard for people residing or working within the project area?

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?

Potential Significant Impact: According to Riverside County General Plan Safety Element, the study area is located within the planning area for the Corona Airport. The EIR/EA would evaluate aircraft related safety hazards associated with implementation of the Project.
G. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

**Potential Significant Impact**: Implementation of the Project would occur within the reservoir area of Prado Dam. The EIR/EA would evaluate potential flood risks and if the Project would interfere with emergency evacuation plans or emergency responses to the study area.

H. Would the project expose people or structures to a significant risk of loss, injury or death involving wild land fires, including where wild lands are adjacent to urbanized areas or where residences are intermixed with wild lands?

**Potential Significant Impact**: The Riverside County General Plan identifies that the Prado Basin has a moderate potential for wild land fire susceptibility. The EIR/EA would evaluate potential wild land fire risks.

### 4.9 Hydrology/Water Quality

A. Would the project violate Regional Water Quality Control Board Water Quality standards or waste discharge standards?

**Potential Significant Impact**: The EIR/EA would evaluate potential water quality impacts associated with the construction and operation of the Project, as well as compliance with regulations and standards provided in the Santa Ana Region Regional Water Quality Control Board Basin Plan.

B. Would the project 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?

**No Impact**: The Project would not involve any activities that would involve the extraction of groundwater. The EIR/EA would not evaluate potential impacts the Project could have on groundwater supplies within the study area.

C. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off site?

**Potential Significant Impact**: The implementation of the Project could generate erosion and sedimentation impacts within the study area. The EIR/EA would evaluate potential erosion and sedimentation impacts within the study area.

D. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite?
**Potential Significant Impact:** The Project would be implemented within the reservoir area of Prado Dam. The EIR/EA would evaluate potential impacts to the flood risk capacity of Prado Dam and along the Santa Ana River.

**E. Would the project create or contribute runoff which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?**

**Less than Significant Impact:** The Project would not construct any impervious within the study area that would increase existing rates of surface water runoff within the study area. The EIR/EA would not evaluate the potential for increased surface water runoff impacts and degraded surface water runoff water quality impacts.

**F. Would the project otherwise degrade water quality?**

**Potential Significant Impact:** The construction and operation of the Project could have the potential to degrade water quality within the Prado Basin. The EIR/EA would evaluate potential water quality impacts associated with implementation of the Project.

**G. Would the project place housing within a 100-year floodplain, as mapped on a federal Flood Hazard Boundary or Flood insurance Rate map or other flood hazard delineation map?**

**Potential Significant Impact:** The EIR/EA would evaluate potential impacts to the flood risk capacity of the dam and potential flood impacts to residential areas located downstream of the project area.

**H. Would the project place within a 100-year floodplain structures which impedes or redirect flows?**

**Potential Significant Impact:** The EIR/EA would evaluate potential impacts to the flood risks capacity of Prado Dam and to the flood risk capacity of the Santa Ana River.

**I. Would the project 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?**

**Potential Significant Impact:** The Project would be implemented in the reservoir area of Prado Dam. The EIR/EA would evaluate potential flood risks associated with the construction and operation of the Project.

**J. Could the project site be inundated by seiche, tsunami, or mudflow?**

**Less than Significant impact:** The potential for the study area to be inundated by a seiche, tsunami or mudflow would be very low. The implementation of the Project would not increase the risk for these impacts. This issue would not be evaluated in the EIR/EA.
4.10 Land Use/Planning

A. Would the project physically divide an established community?

**Potential Significant Impact:** The study area contains a combination of public facilities and recreation land uses. The EIR/EA would evaluate the potential for the Project to impact existing land uses.

B. Would the project be in conflict with any applicable land use plan, policy or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect?

**Potential Significant Impact:** The Project would be located in area that is included in the planning areas of several different local, state and federal agencies. The EIR/EA would evaluate potential conflicts with relevant planning programs, policies and regulations that apply to the study area.

C. Would the project be in conflict with any applicable habitat conservation plan or natural community conservation plan?

**Potential Significant Impact:** The study area is included within the Western Riverside County Multiple Species Habitat Management Plan and the Orange County Santa Ana Canyon Habitat Management Plan. The EIR/EA would evaluate if the Project would be in conflict with policies and programs provided in the Western Riverside County Multiple Species Habitat Management Plan and the Orange County Santa Ana Canyon Habitat Management Plan.

4.11 Mineral Resources

A. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use?

**Less Than Significant Impact:** According to the County of Riverside General Plan, Prado Basin is designated MRZ-3, areas where the available geologic information indicates that mineral deposits are likely to exist. However, because of the high amount of sediment build up in the basin it is unlikely any important mineral resources would be encountered. This issue would not be evaluated in the EIR/EA.

4.12 Noise

A. Would the project expose 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?
Potential Significant Impact: The construction and operation of the Project would result in temporary noise impacts. The EIR/EA would evaluate potential temporary noise impacts on sensitive receptors and compliance with local noise standards and policies.

B. Would the project result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

No Impact: The Project would not generate long term operational noise impacts within the study area. The EIR/EA would not evaluate long term operational noise impacts.

C. Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Potential Significant Impact: The Project would generate construction noise impacts within the study area. The EIR/EA would evaluate temporary noise impacts to sensitive receptors generated by the Project.

D. 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?

E. 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?

Less than Significant Impact: According to the County of Riverside General Plan, the study area would be impacted with elevated noise levels from the Corona Municipal Airport. However the Project does not involve the construction of any sensitive land uses that would be significantly impacted by aircraft noise. This issue would not be evaluated in the EIR/EA.

F. Would the project expose persons to or generation of excessive groundborne vibration or groundborne noise levels?

Less than Significant Impact: The construction and operation of the Project would involve the use of heavy equipment which might cause localized vibration impacts. The study area does not contain any structures that could be adversely affected from heavy equipment vibration impacts. The EIR/EA would not evaluate potential vibration impacts associated with the construction and operation of the Project.

4.13 Population/Housing

A. Would the project induce substantial population growth in an area, either directly or indirectly?
**No Impact:** The Project would not involve the extension of new infrastructure into existing undeveloped areas that would induce new population growth into the study area. This issue would not be evaluated in the EIR/EA. As part of the EIR/EA, potential environmental justice impacts would be evaluated.

B. Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

C. Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

**No Impact:** The Project would not displace existing housing or people and would not necessitate the need for replacement housing. This issue would not be evaluated in the EIR/EA.

**4.14 Public Services**

A. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection police protection, schools, parks or other public facilities.

**No Impact:** The implementation of the Project would not generate any long term demands for additional public services beyond the current levels of demand within the study area or increase emergency response times to the study area. This issue would not be evaluated in the EIR/EA.

**4.15 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?

**Potential Significant Impact:** The implementation of the Project could affect the operation of existing recreation facilities within the Prado Basin which could cause an increase usage of other existing recreation facilities within the study area. The EIR/EA would evaluate potential impacts to existing recreation facilities associated with the implementation of the Project.

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.
No Impact: The Project does not propose the construction of any recreation facilities. The EIR/EA would not evaluate potential impacts to proposed recreation facilities.

4.16 Transportation/Traffic

A. Would the project be in 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, pedestrians and bicycle paths and mass transit?

Potential Significant Impact: The Project would not generate long-term traffic trips. The Project would generate construction related traffic trips associated with the exporting of sediment from the study area, mobilization and demobilization of construction equipment, hauling of green waste, and worker traffic. The EIR/EA would evaluate construction traffic impacts generated by the Project.

B. Would the project be in 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’s congestion management agency for designated roads or highways?

Potential Significant Impact: The Project would not generate long-term traffic trips. The project would generate construction related traffic trips associated with the exporting of sediment from the study area, mobilization and demobilization of construction equipment, hauling of green waste, and worker traffic. The EIR/EA would evaluate construction traffic impacts generated by the Project and potential conflicts with County congestion management programs.

C. Would the project 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?

No Impact. Implementation of the Project would not increase the level of air traffic within the regional area. The Project does not include any component that would encroach into navigable air space causing a change to air traffic patterns. This issue would not be evaluated in the EIR/EA.

D. Would the project increase hazards to a design feature or incompatible uses or equipment?

Less than Significant Impact: The project would not involve modifications to existing study area roadways that would cause or increase a safety hazard. The Project would require the mobilization and demobilization of large pieces of construction equipment to
and from the study area. The heavy construction equipment would utilize existing roads within the study area and would not cause or increase a safety hazard. The EIR/EA would not evaluate potential traffic hazards created by the Project.

E. Would the project result in inadequate emergency access?

**Less than Significant Impact:** The Project would not cause any road way closures that would inhibit emergency access into the study area. This issue would not be evaluated in the EIR/EA.

F. Would the project be in conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities or otherwise decrease the performance or safety of such facilities?

**No Impact:** The Project would be implemented within the Prado Basin. Access to and from the study area would from existing roadways. The Project would not conflict with existing public transit systems and pedestrian facilities within the study area. This issue would not be evaluated in the EIR/EA.

4.17 Utilities/Service Systems

A. Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

**No Impact:** Implementation of the Project would not generate new wastewater flows. Therefore, implementation of the Project would not exceed any treatment requirements established by the Regional Water Quality Control Board. This issue would not be evaluated in the EIR/EA.

B. Would the project 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?

**No Impact:** The Project would not involve construction of new water facilities, new wastewater treatment facilities or the expansion of existing wastewater treatment facilities. Therefore, implementation of the Project would not result in significant environmental impacts in regards to the construction of new water or wastewater treatment facilities or the expansion of existing facilities. This issue would not be evaluated in the EIR/EA.

C. Would the project 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?

**No Impact:** The Project would not require the construction of any new drainage facilities or require the expansion of any existing drainage facilities. Therefore, implementation of
the Project would not result in significant environmental impacts in regards to the construction of new storm drain facilities or the expansion of existing storm drain facilities. This issue would not be evaluated in the EIR/EA.

D. Are sufficient water supplies available to serve the project from existing entitlements and resources or new or expanded entitlements needed?

**No Impact:** The implementation of the Project would not require new water supplies. This issue would not be evaluated in the EIR/EA.

E. Would the project result in the 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 providers existing commitments.

**No Impact.** The construction and operation of the Project would not generate any wastewater treatment demands or involve the operation of any facilities that involve treated wastewater. Therefore, the implementation of the Project would not have any adverse impact on the capacity of wastewater treatment providers to the area. This issue would not be evaluated in the EIR/EA.

F. Is the project served by a landfill with sufficient permitted capacity to accommodate the project solid waste disposal need?

**Less than Significant Impact:** Implementation of the Project would not generate long term demands for solid waste disposal, beyond the exiting level of demands. This issue would not be evaluated in the EIR/EA.

G. Would the project comply with federal, state and local statutes and regulations related to solid waste?

**Less than Significant Impact:** The Project would not involve any activities that would be conflict with federal, state and local statutes and regulations related to solid waste disposal. This issue would not be evaluated in the EIR/EA.

**MANDATORY FINDINGS OF SIGNIFICANCE**

A. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory.

**Potentially Significant Impact:** The study area is known to contain special status plant and wildlife species, sensitive vegetation communities and sensitive cultural
resources. The EIR/EIS would evaluate the potential for special status species and sensitive cultural resources to occur within the study area and the potential for the construction and operation of the Project to adversely impact them.

B. Does the project have impacts that are individually limited but cumulatively considerable?

**Potentially Significant Impact:** The construction and operation of the Project could generate air quality emissions that could result in significant cumulative air quality impacts. The EIR/EA would evaluate potential cumulative air quality impacts and other potential cumulative impacts that might be associated with the construction and operation of the Project.

C. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

**Potentially Significant Impact:** The Project has the potential to result in significant impacts in regards to air quality, water quality and noise which could have adverse impacts on human beings. The EIR/EA would evaluate the potential for impacts to the environment to result in adverse effects to human beings.
SECTION 5.0 REFERENCES

California Department Fish and Game Natural Diversity Database, Accessed April 2015.

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