

## **APPENDIX J**

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NEPA and/or CEQA Standards and Checklist Applicable to the  
Elkhorn Borrow Area

# APPENDIX J

## NEPA AND/OR CEQA STANDARDS AND CHECKLIST APPLICABLE TO THE ELKHORN BORROW AREA

This appendix reviews the standards that apply to preparation of NEPA and/or CEQA documents, and provides USACE and SAFCA with a tool for determining whether subsequent project-related activities within the Elkhorn Borrow Area described in Chapter 2.0, “Alternatives,” will require further environmental documentation under either NEPA or CEQA. An environmental checklist is provided to identify the appropriate level of documentation for satisfying NEPA and/or CEQA.

SAFCA has developed this checklist concept as a tool to maximize flexibility for screening and selecting specific borrow sites within the Elkhorn Borrow Area for use during Phase 3 Project construction and, potentially subsequent project phases. While SAFCA has identified several properties within the Elkhorn Borrow Area from which borrow may be removed, ongoing investigations will nonetheless be required to determine the most suitable location(s) for excavating borrow. Therefore, there is insufficient information to make a final selection of specific properties within this FEIS. Accordingly, this checklist will be used to inform USACE and/or SAFCA to determine if specific borrow sites within the Elkhorn Borrow Area have been analyzed at a sufficient level of detail in this FEIS, under NEPA and/or CEQA, or if further environmental review is required. If further environmental review and analysis is required, this checklist will help guide USACE and SAFCA in determining the appropriate level of NEPA and/or CEQA compliance.

Under NEPA, a supplemental environmental impact statement (supplemental EIS) is required when changes in the proposed action are “relevant to environmental concerns,” (40 Code of Federal Regulations [CFR] Section 1502.9[1][i]), or when there are “significant new circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts” (40 CFR Section 1502.9[1][ii]). In general, this means that a supplemental EIS is required if new and potentially significant impacts that were not previously disclosed or identified in a public NEPA document are identified in association with a subsequent activity. Courts have further interpreted this requirement to indicate that when new mitigation measure(s) are identified that would reduce some of the impacts of a Federal action subject to NEPA, an SEIS is required if that measure itself would result in new significant impacts that were not previously disclosed in the EIS (*National Wildlife Federation v. Marsh* 721 F.2d 767, [11<sup>th</sup> Cir.] 1983).

USACE NEPA regulations incorporate the Council on Environmental Quality standard to determine when a supplemental EIS is required (33 CFR Section 230.13):

Environmental Impact Statement (EIS). (b) Supplements. A supplement to the draft or final EIS should be prepared whenever required as discussed in 40 CFR 1502.09(c).

The USACE NEPA regulations, however, provide that “District commanders may also publish periodic factsheets and/or other supplemental information documents on long-term or complex EISs to keep the public informed on the status of the proposed action” (33 CFR Section 230.13[d]). USACE will use this standard to screen subsequent activities, if they are subject to NEPA.

### 1. TIERING FROM PROGRAM-LEVEL ANALYSIS UNDER CEQA

The following rules from CEQA and the State CEQA Guidelines provide for screening subsequent project activities in a program through the use of a checklist to determine if the project activities have received sufficient CEQA review, or if another CEQA compliance document is required. CEQA and the State CEQA Guidelines specify the criteria for determining whether additional environmental review is required and, if so, what form of additional environmental document is appropriate.

- ▶ Where a program EIR has been prepared for a series of related actions and activities (in this case, the Phase 2 EIR [SAFCA 2007] and this EIS), the lead agency may use a checklist to determine whether subsequent site-specific activities, such as the use of a specific property as a borrow site, were covered in the prior EIR(s) (State CEQA Guidelines Section 15168[c][4]; see also State CEQA Guidelines California Code of Regulations [CCR] Sections 15152[d] and [f]).
- ▶ If the lead agency determines that none of the conditions specified in State CEQA Guidelines CCR Section 15162, discussed below, that trigger the need for a subsequent EIR or negative declaration have occurred and no new effects could occur or no new mitigation is required, the lead agency may approve the activity. No additional environmental document is required. (State CEQA Guidelines CCR Section 15168[c][2]).
- ▶ Pursuant to State CEQA Guidelines CCR Section 15162, if the lead agency determines that any of the following conditions have occurred, either a supplemental or subsequent EIR shall be prepared:
  - Substantial changes to the project, substantial changes in circumstances, or new information show either new significant effects or a substantial increase in the severity of previously identified significant effects; or
  - New information shows that mitigation measures or alternatives which were previously identified as infeasible, and would substantially reduce the severity of one or more significant effects, are now found to be feasible, but the project proponent declines to adopt them; or
  - New information shows that considerably different mitigation measures or alternatives from those analyzed in the prior EIR(s) would substantially reduce the severity of one or more significant effects, are now found to be feasible, but the project proponent declines to adopt them.
- ▶ If any of the State CEQA Guidelines CCR Section 15162 conditions described above are present, but only minor changes or revisions to a previous EIR are required, the lead agency may prepare a supplement to the EIR. The supplemental EIR shall focus only on those changes or revisions that are necessary to make the previous study adequate and shall be circulated as a draft and final supplemental EIR (State CEQA Guidelines CCR Section 15163).
- ▶ If the lead agency determines that a subsequent activity requires some minor technical changes or revisions to a previously completed EIR or negative declaration, but none of the conditions described below require either a supplemental or a subsequent EIR, the lead agency may prepare an addendum to the EIR or negative declaration and attach the addendum to the final EIR or adopted negative declaration. No public circulation is required (State CEQA Guidelines CCR Section 15164).
- ▶ In some circumstances, a subsequent negative declaration may be warranted (see State CEQA Guidelines CCR Section 15152[g]).

## **2. CEQA CHECKLIST FOR SCREENING SUBSEQUENT SELECTION OF BORROW SITES**

This checklist will be used to review impacts applicable to specific properties within the Elkhorn Borrow Area, once they are proposed for use, for the purpose of determining whether and what additional CEQA environmental review is required. The checklist involves a three-step process for determining whether a specific borrow site has been sufficiently analyzed, or if the use of the borrow site would require preparation of a new CEQA compliance document. The checklist also can provide guidance to USACE for determining the appropriate NEPA compliance document, if needed.

First, SAFCA will review the impacts that were identified as “less than significant” in the checklist below and fill out the checklist accordingly. If the use of the borrow site would contribute to these impacts, SAFCA will determine whether the contribution of borrow site operations would result in a significant impact. If a new significant impact would result, a supplemental or subsequent EIR will be required and prepared.

Next, for impacts that the checklist shows previously analyzed and disclosed as “significant,” and for which SAFCA identified and adopted mitigation measures that would reduce those impacts to less-than-significant levels, SAFCA will determine whether the borrow site operations would contribute to those impacts. If the borrow site operations contribute to those impacts, but implementation of the mitigation measures and environmental commitments identified in the Phase 2 EIR (SAFCA 2007) and this FEIS, which were previously adopted and incorporated into the project, would mitigate that contribution to a less-than-significant level, the borrow site’s contribution to those impacts will not trigger the need to prepare a new CEQA compliance document. If the use of the borrow site would cause these impacts to become significant impacts even after implementation of identified mitigation, SAFCA will prepare the appropriate CEQA compliance document, as described above.

SAFCA will also use the checklist to determine if the borrow site operations would contribute to identified significant and unavoidable impacts. If the borrow site operations cause or contribute to any of the previously analyzed and disclosed significant or potentially significant and unavoidable impacts, SAFCA will determine if the borrow site’s contribution was included when calculating the severity of the impact. If the borrow site’s contribution to that impact was included in the impacts previously analyzed in the Phase 2 EIR (SAFCA 2007) or this FEIS , no new CEQA compliance document will be required. If the borrow site’s contribution was not included in the impacts analyzed in the aforementioned documents, a new EIR, EIR addendum, or potentially a mitigated negative declaration will be required and prepared.

Finally, SAFCA will use the checklist to determine if the use of the borrow site would result in new impacts that were not previously disclosed in the aforementioned documents, or would affect resources that were not identified when analyzing previously disclosed impacts. If so, SAFCA will prepare the appropriate CEQA compliance document, as described above.

| <b>Elkhorn Borrow Area Checklist</b>                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ENVIRONMENTAL SETTING</b>                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                   |
| <b>Designated borrow site APN(s):</b> _____                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                   |
| <p><b>Land use types within designated borrow site</b></p> <p>Does the site include:</p> <input type="checkbox"/> Developed land<br><input type="checkbox"/> Agricultural land<br><input type="checkbox"/> Orchards<br><input type="checkbox"/> Grassland<br><input type="checkbox"/> Non-riparian Woodlands<br><input type="checkbox"/> Riparian Woodland/Scrub<br><input type="checkbox"/> Williamson Act Land (in a preserve or under contract) | <p><b>Information from surveys:</b></p> <p>Does the site include:</p> <input type="checkbox"/> Cultural Resources<br><input type="checkbox"/> Wetlands<br><input type="checkbox"/> Special-status Species<br><input type="checkbox"/> Suitable Habitat for Special-Status Species<br><input type="checkbox"/> Recognized Environmental Conditions |

| Impacts Identified as “Less Than Significant”               |                                                                                                                                         |                                                                                                                                                              |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                                  | Impact                                                                                                                                  | Would the use of the borrow site result in any of the identified impacts, and if so would the impact be considered less than significant without mitigation? |
| <b>Land Use, Socioeconomics, and Population and Housing</b> | Impact 4.2-a: Inconsistency with Airport Master Plan, Airport Land Use Compatibility Plan, and Airport Wildlife Hazard Management Plans | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Hydrology and Hydraulics</b>                             | Impact 4.4-a: Hydraulic Impacts on Other Areas and Exposure to Flood Risk                                                               | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
|                                                             | Impact 4.4-c: Effects on Groundwater                                                                                                    | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Cultural Resources</b>                                   | Impact 4.10-b: Potential Changes to Other Known Historic-Era Resources from Ground Disturbance or Other Construction-Related Activities | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Air Quality</b>                                          | Impact 4.13-b: General Conformity with the Applicable Air Quality Plan                                                                  | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
|                                                             | Impact 4.13-c: Long-Term Changes in Emissions of ROG, NO <sub>x</sub> , and PM <sub>10</sub> Associated with Project Implementation     | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
|                                                             | Impact 4.13-d: Exposure of Sensitive Receptors to Toxic Air Emissions                                                                   | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Noise</b>                                                | Impact 4.14-d: Long-Term Increases in Project-Generated Noise                                                                           | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
|                                                             | Impact 4.14-e: Exposure of People Working in the Project Area to Excessive Airport Noise Levels                                         | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Utilities and Service Systems</b>                        | Impact 4.17-c: Increases in Solid Waste Generation                                                                                      | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Hazards and Hazardous Materials</b>                      | Impact 4.18-a: Accidental Spills of Hazardous Materials                                                                                 | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |
| <b>Airport Safety</b>                                       | Impact 4.19-b: Potential for Higher Frequency of Collisions between Aircraft and Wildlife at Sacramento International Airport           | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                             |

| Impacts Identified as “Less than Significant” after Mitigation Implementation |                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                        |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                                                    | Impact                                                                                                                                                              | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Would the use of the borrow site result in significant impacts, and would the application of identified mitigation reduce the impact to a less-than-significant level? |
| <b>Land Use, Socioeconomics, and Population and Housing</b>                   | Impact 4.2-b: Inconsistency with the Natomas Basin Habitat Conservation Plan                                                                                        | Mitigation Measure 4.2-b: Implement Mitigation Measure 4.9-h, “Ensure that Project Encroachment Does Not Jeopardize Successful Implementation of the NBHCP and Implement Mitigation Measures 4.7-a, 4.8-a, 4.9-a through 4.9-c, and 4.9-e through 4.9-g”                                                                                                                                                                                                                                                                                                                           | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Geology and Soils</b>                                                      | Impact 4.3-a: Potential Temporary and Permanent Localized Soil Erosion during Construction and Operation                                                            | Mitigation Measure 4.3-a(1): Implement Mitigation Measure 4.5-a, “Implement Standard Best Management Practices, Prepare and Implement a Stormwater Pollution Prevention Plan, and Comply With National Pollutant Discharge Elimination System Permit Conditions”<br>Mitigation Measure 4.3-a(2): Secure and Implement the Conditions of the California Surface Mining and Reclamation Act Permit                                                                                                                                                                                   | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Hydrology and Hydraulics</b>                                               | Impact 4.4-b: Alteration of Local Drainage                                                                                                                          | Mitigation Measure 4.4-b: Coordinate with Landowners and Drainage Infrastructure Operators, Prepare Final Drainage Studies as Needed, and Implement Proper Project Design                                                                                                                                                                                                                                                                                                                                                                                                          | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Water Quality</b>                                                          | Impact 4.5-a: Temporary Impacts on Water Quality from Stormwater Runoff, Erosion, or Spills                                                                         | Mitigation Measure 4.5-a: Implement Standard Best Management Practices, Prepare and Implement a Stormwater Pollution Prevention Plan, and Comply with National Pollutant Discharge Elimination System Permit Conditions                                                                                                                                                                                                                                                                                                                                                            | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Fish and Aquatic Habitat</b>                                               | Impact 4.6-a: Loss of Fish or Aquatic Habitat through Increased Sedimentation and Turbidity or Releases of Contaminants, or Other Construction-Related Disturbances | Mitigation Measure 4.6-a: Implement Mitigation Measure 4.5-a, “Implement Standard Best Management Practices, Prepare and Implement a Stormwater Pollution Prevention Plan, and Comply with National Pollutant Discharge Elimination System Permit Conditions”; and Mitigation Measure 4.5-c, “Implement Best Management Practices and Comply with NPDES Permit Conditions for a Point-Source Discharge;” Implement a Feasible Construction Work Window that Minimizes Impacts to Special-Status Fish Species for Any In-Water Activities; and Implement Operational Controls and a | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |

| Impacts Identified as “Less than Significant” after Mitigation Implementation |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                        |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                                                    | Impact                                                              | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Would the use of the borrow site result in significant impacts, and would the application of identified mitigation reduce the impact to a less-than-significant level? |
|                                                                               |                                                                     | Fish Rescue Plan that Minimizes Impacts to Fish Associated with Cofferdam Construction and Dewatering                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                        |
| <b>Sensitive Aquatic Habitats</b>                                             | Impact 4.7-a: Impacts on Jurisdictional Waters of the United States | Mitigation Measure 4.7-a: Minimize Effects on Jurisdictional Waters of the United States, Complete Detailed Design of Habitat Creation Components and Management Agreements to Ensure Compensation of Waters Filled, and Comply with Section 404, Section 401, Section 10, and Section 1602, Permit Processes                                                                                                                                                                                                                                                         | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Vegetation and Wildlife</b>                                                | Impact 4.8-a: Loss of Woodland Habitats                             | Mitigation Measure 4.8-a: Minimize Effects on Woodland Habitat, Implement all Woodland Habitat Conservation Components and Management Agreements, Compensate for Loss of Habitat, and Comply with the DFG Section 1602 Permit Process                                                                                                                                                                                                                                                                                                                                 | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                                                               | Impact 4.8-b: Impacts on Wildlife Corridors                         | Mitigation Measure 4.8-b: Implement Mitigation Measure 4.8-a, “Minimize Effects on Woodland Habitat, Implement all Woodland Habitat Conservation Components and Agreements, Compensate for Loss of Habitat, and Comply with the DFG Section 1602 Permit Process,” and Mitigation Measure 4.9-c, “Minimize the Potential for Direct Loss of Giant Garter Snake Individuals, Implement All Upland and Aquatic Habitat Conservation Components, and Management Agreements to Ensure Adequate Compensation for Loss of Habitat, and Obtain Incidental Take Authorization” | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Special-Status Terrestrial Species</b>                                     | Impact 4.9-a: Impacts on Special-Status Plants Species              | Mitigation Measure 4.9-a: Conduct Focused Surveys for Special-Status Plants, Minimize Effects, , and Compensate for Loss of Habitat                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                                                               | Impact 4.9-b: Impacts on Valley Elderberry Longhorn Beetle          | Mitigation Measure 4.9-b: Conduct Focused Surveys for Elderberry Shrubs as Needed, Implement All Woodland Habitat Conservation Components and all Management Agreements, Ensure Adequate Compensation for Loss of Shrubs, and Obtain Incidental Take Authorization                                                                                                                                                                                                                                                                                                    | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |

| Impacts Identified as “Less than Significant” after Mitigation Implementation |                                                                                                      |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                        |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                                                    | Impact                                                                                               | Mitigation Measure                                                                                                                                                                                                                                                                            | Would the use of the borrow site result in significant impacts, and would the application of identified mitigation reduce the impact to a less-than-significant level? |
|                                                                               | Impact 4.9-c: Impacts on Giant Garter Snake Related to Construction Activities                       | Mitigation Measure 4.9-c: Minimize the Potential for Direct Loss of Giant Garter Snake Individuals, Implement All Upland and Aquatic Habitat Conservation Components, and Management Agreements to Ensure Adequate Compensation for Loss of Habitat, and Obtain Incidental Take Authorization | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                                                               | Impact 4.9-e: Impacts on Northwestern Pond Turtle                                                    | Mitigation Measure 4.9-e: Conduct Focused Surveys for Northwestern Pond Turtles and Relocate Turtles, if Needed                                                                                                                                                                               | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                                                               | Impact 4.9-g: Impacts on Burrowing Owl                                                               | Mitigation Measure 4.9-g: Minimize Potential Impacts on Burrowing Owls and Relocate Owls as Needed                                                                                                                                                                                            | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                                                               | Impact 4.9-h: Impacts on Successful Implementation of the NBHCP                                      | Mitigation Measure 4.9-h: Ensure that Project Encroachment Does Not Jeopardize Successful Implementation of the NBHCP and Implement Mitigation Measures 4.7-a, 4.8-a, 4.9-a through 4.9-c, and 4.9-e through 4.9-g                                                                            | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Paleontological Resources</b>                                              | Impact 4.11-a: Disturbance of Unknown Unique Paleontological Resources during Earthmoving Activities | Mitigation Measure 4.11-a: Conduct Construction Personnel Training and, if Paleontological Resources Are Found, Stop Work Near the Find and Implement Mitigation in Coordination with a Professional Paleontologist                                                                           | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Transportation and Circulation</b>                                         | Impact 4.12-b: Temporary Increase in Traffic Hazards on Local Roadways                               | Mitigation Measure 4.12-b: Prepare and Implement a Traffic Safety and Control Plan and Implement Measures to Avoid and Minimize Traffic Hazards on Local Roadways during and after Construction                                                                                               | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                                                               | Impact 4.12-c: Temporary Disruption of Emergency Service Response Times and Access                   | Mitigation Measure 4.12-c: Notify Emergency Service Providers about Project Construction and Maintain Emergency Access or Coordinate Detours with Providers                                                                                                                                   | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Recreation</b>                                                             | Impact 4.15-a: Long-Term Disruption of Recreational Activities and Facilities                        | Mitigation Measure 4.15-a: Prepare and Implement a Bicycle Detour Plan for all Bicycle Trails and On-Street Bicycle Routes, including the Ueda Parkway Trail and Garden Highway, Provide Construction Period Information on Recreational Facility Closures and                                | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |



**Impacts Identified as “Less than Significant” after Mitigation Implementation**

| Issue Area                             | Impact                                                                                                                                                     | Mitigation Measure                                                                                                                                                                                                                                                                                                                                   | Would the use of the borrow site result in significant impacts, and would the application of identified mitigation reduce the impact to a less-than-significant level? |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                            | Detours, Provide Detours for Bicycle Facilities, and Repair Damage to Recreational Facilities                                                                                                                                                                                                                                                        |                                                                                                                                                                        |
|                                        | Impact 4.15-b: Temporary Changes in Recreational Opportunities during Project Construction Activities                                                      | Mitigation Measure 4.15-b: Provide Construction Period Information on Recreational Facility Closures and Detours and: Provide Detours for Access Routes to Boat Launch Ramps and Marinas                                                                                                                                                             | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Utilities and Service Systems</b>   | Impact 4.17-a: Potential Temporary Disruption of Irrigation Water Supply                                                                                   | Mitigation Measure 4.17-a: Coordinate with Irrigation Water Supply Users Before and During All Irrigation Infrastructure Modifications and Minimize Interruptions of Supply                                                                                                                                                                          | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                        | Impact 4.17-b: Potential Disruption of Utility Service                                                                                                     | Mitigation Measure 4.17-b: Verify Utility Locations, Coordinate with Utility Providers, Prepare and Implement a Response Plan, and Conduct Worker Training with Respect to Accidental Utility Damage                                                                                                                                                 | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Hazards and Hazardous Materials</b> | Impact 4.18-b: Exposure to Hazardous Materials Encountered at Project Sites                                                                                | Mitigation Measure 4.18-b(1): Complete Recommendations Included in Phase I and/or II ESAs and Implement Required Measures<br>Mitigation Measure 4.18-b(2): Complete Investigations Related to the Extent to Which Soil and/or Groundwater May Have Been Contaminated in Areas Not Covered by the Phase I and II ESAs and Implement Required Measures | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                        | Impact 4.18-c: Interference with an Adopted Emergency Evacuation Plan                                                                                      | Mitigation Measure 4.18-c: Notify State and Local Emergency Management Agencies about Project Construction and Coordinate SR 99/70 Detours with these Agencies to Ensure That Any Need for Emergency Use Is Not Significantly Impaired                                                                                                               | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
|                                        | Impact 4.18-d: Hazardous Emissions or Handling of Hazardous or Acutely Hazardous Materials, Substances, or Waste within One-Quarter Mile of an Existing or | Mitigation Measure 4.18-d: Notify the Twin Rivers Unified School District and Applicable School with Jurisdiction within One-Quarter Mile of Project Construction Activities.                                                                                                                                                                        | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |

| Impacts Identified as “Less than Significant” after Mitigation Implementation |                                                                                                                                          |                                                                                                                                                           |                                                                                                                                                                        |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                                                    | Impact                                                                                                                                   | Mitigation Measure                                                                                                                                        | Would the use of the borrow site result in significant impacts, and would the application of identified mitigation reduce the impact to a less-than-significant level? |
|                                                                               | Proposed School                                                                                                                          |                                                                                                                                                           |                                                                                                                                                                        |
| <b>Airport Safety</b>                                                         | Impact 4.19-a: Temporary Aircraft Safety Hazards Resulting from Project Construction Activities within or near the Airport Critical Zone | Mitigation Measure 4.19-a: Coordinate Work in the Critical Zone with Airport Operations and Restrict Night Lighting within and near the Runway Approaches | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Wildfire Hazards</b>                                                       | Impact 4.20-a: Potential Exposure to Wildland Fires                                                                                      | Mitigation Measure 4.20-a: Prepare and Implement a Fire Management Plan to Minimize Potential for Wildland Fires                                          | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |
| <b>Environmental Justice</b>                                                  | Impact 4.21-a: Potential to Have a Disproportionate High Adverse Environmental Impact on any Minority or Low-Income Populations          | Mitigation Measure 4.21-a: Increase the Direct Benefits of the Project for the Ancestors of the Native American Tribes                                    | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |

| Impacts Identified as “Significant and Unavoidable” |                                                                        |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                          | Impact                                                                 | Mitigation Measure                                                                                                                                                                                                       | After implementation of mitigation (if available), would the level of severity/intensity be equal to or less than as described in the Phase 3 Project EIS/EIR? Was the borrow sites' contribution to this impact identified in a previous document (if relevant)? |
| <b>Agricultural Resources</b>                       | Impact 4.1-a: Conversion of Important Farmland to Nonagricultural Uses | Mitigation Measure 4.1-a: Minimize Important Farmland Conversion to the Extent Practicable and Feasible                                                                                                                  | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
|                                                     | Impact 4.1-b: Conflict with Lands under Williamson Act Contracts       | Mitigation Measure 4.1-b: Minimize Impacts on Agricultural Preserve Land and Williamson Act-Contracted Land; Comply with Government Code Sections 51290-51293; and Coordinate with Landowners and Agricultural Operators | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
| <b>Land Use, Socioeconomics, and</b>                | Impact 4.2-c: Potential to Physically Divide or                        | Mitigation Measure 4.2-c: Notify Residents and Businesses                                                                                                                                                                | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |

| Impacts Identified as “Significant and Unavoidable” |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                          | Impact                                                                                                                                         | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | After implementation of mitigation (if available), would the level of severity/intensity be equal to or less than as described in the Phase 3 Project EIS/EIR? Was the borrow sites’ contribution to this impact identified in a previous document (if relevant)? |
| <b>Population and Housing</b>                       | Disrupt an Established Community                                                                                                               | of Project Construction and Road Closure Schedule; Comply with the Garden Highway Settlement Agreement; and Implement Mitigation Measure 4.12-a, “Prepare and Implement a Traffic Safety and Control Plan for Construction-Related Truck Trips,” and Mitigation Measure 4.12-c, “Notify Emergency Service Providers about Project Construction and Maintain Emergency Access or Coordinate Detours with Providers”                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
| <b>Special-Status Terrestrial Species</b>           | Impact 4.9-f: Impacts on Swainson’s Hawk and Other Special-Status Birds                                                                        | Mitigation Measure 4.9-f: Minimize Potential Impacts on Swainson’s Hawk and Other Special-Status Birds Foraging and Nesting Habitat, Monitor Active Nests during Construction, Implement All Upland and Agricultural Habitat Conservation Components and Management Agreements to Ensure Compensation for Loss of Quantity and Quality of Foraging Habitat, Obtain Incidental Take Authorization, Implement Mitigation Measure 4.8-a, “Minimize Effects on Woodland Habitat Implement all Woodland Habitat Conservation Components and Management Agreements, Compensate for Loss of Habitat, and Comply with the DFG Section 1602 Permit Process” | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
| <b>Cultural Resources</b>                           | Impact 4.10-c: Potential Damage or Disturbance to Known Prehistoric Resources from Ground-Disturbance or Other Construction-Related Activities | Mitigation Measure 4.10-c: Avoid Ground Disturbance Near Eligible and Listed Resources to the Extent Feasible, Prepare a Finding of Effect, and Resolve Any Adverse Effects through Preparation of an HPTP                                                                                                                                                                                                                                                                                                                                                                                                                                         | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |

| Impacts Identified as “Significant and Unavoidable” |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                          | Impact                                                                                                                                                           | Mitigation Measure                                                                                                                                                                                                                                                                                                         | After implementation of mitigation (if available), would the level of severity/intensity be equal to or less than as described in the Phase 3 Project EIS/EIR? Was the borrow sites' contribution to this impact identified in a previous document (if relevant)? |
|                                                     | Impact 4.10-d: Potential Damage to or Destruction of Previously Undiscovered Cultural Resources from Ground-Disturbance or Other Construction-Related Activities | Mitigation Measure 4.10-d: Train Construction Workers Before Construction, Monitor Construction Activities, Stop Potentially Damaging Activities, Evaluate Discovery(ies), Resolve Adverse Effects on Eligible Resources, if Encountered, and Conduct Additional Backhoe and Canine Forensic Investigations as Appropriate | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
|                                                     | Impact 4.10-e: Potential Discovery of Human Remains during Construction                                                                                          | Mitigation Measure 4.10-e: Stop Work Within An Appropriate Radius Around the Find, Notify the Applicable County Coroner and Most Likely Descendant, and Treat Remains in Accordance with Measures Stipulated in an HPTP Developed in Consultation between USACE, SAFCA, and the SHPO                                       | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
| <b>Transportation and Circulation</b>               | Impact 4.12-a: Temporary Increase in Traffic on Local Roadways                                                                                                   | Mitigation Measure 4.12-a: Prepare and Implement a Traffic Safety and Control Plan for Construction-Related Truck Trips                                                                                                                                                                                                    | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
| <b>Air Quality</b>                                  | Impact 4.13-a: Temporary Emissions of ROG, NO <sub>x</sub> , and PM <sub>10</sub> during Construction                                                            | Mitigation Measure 4.13-a: Implement Applicable District-Recommended Control Measures to Minimize Temporary Emissions of ROG, NO <sub>x</sub> , and PM <sub>10</sub> during Construction                                                                                                                                   | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
| <b>Noise</b>                                        | Impact 4.14-a: Generation of Temporary, Short-Term Construction Noise                                                                                            | Mitigation Measure 4.14-a: Implement Noise-Reducing Construction Practices, Prepare a Noise Control Plan, and Monitor and Record Construction Noise Near Sensitive Receptors                                                                                                                                               | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
|                                                     | Impact 4.14-b: Exposure of Sensitive Receptors to or Generation of Excessive                                                                                     | Mitigation Measure 4.14-b: Implement Measures to Avoid Construction-Related Vibration                                                                                                                                                                                                                                      | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |

| Impacts Identified as “Significant and Unavoidable” |                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Area                                          | Impact                                                                                                             | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                      | After implementation of mitigation (if available), would the level of severity/intensity be equal to or less than as described in the Phase 3 Project EIS/EIR? Was the borrow sites' contribution to this impact identified in a previous document (if relevant)? |
|                                                     | Groundborne Vibration                                                                                              | Effects at the Pumping Plant No. 2 Site                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|                                                     | Impact 4.14-c: Temporary, Short-Term Exposure of Residents to Increased Traffic Noise Levels from Hauling Activity | Mitigation Measure 4.14-c: Implement Noise-Reduction Measures to Reduce the Temporary, Short-Term Impacts of Haul Truck Traffic Noise                                                                                                                                                                                                                                                                                                   | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
| <b>Visual Resources</b>                             | Impact 4.16-a: Alteration of Scenic Vistas, Scenic Resources, and Existing Visual Character of the Project Area    | Mitigation Measure 4.16-a: Screen Residential Areas from Construction Storage and Staging Areas; Provide Screening of Construction Sites on the Levee for Residential Areas                                                                                                                                                                                                                                                             | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |
|                                                     | Impact 4.16-b: New Sources of Light and Glare that Adversely Affect Views                                          | Mitigation Measure 4.16-b: Implement Mitigation Measure 4.16-a, “Screen Residential Areas from Construction Storage and Staging Areas; Provide Screening of Construction Sites on the Levee for Residential Areas,” and Mitigation Measure 4.19-a, “Coordinate Work in the Critical Zone with Airport Operations and Restrict Night Lighting within and near the Runway Approaches;” and Direct Lighting Away from Adjacent Properties. | Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                                                                                                                  |

## CHECKLIST SUMMARY

Are there new significant impacts in addition to those discussed above? If yes, describe using an attachment to this checklist. Yes  No

Are there significant impacts discussed above that are substantially more severe than discussed in the Phase 3 Project EIS/EIR? If yes, explain on an attachment to this checklist. Yes  No

Are there significant impacts discussed in the 2007 Landside EIR (program level) that are substantially more severe than previously disclosed? If yes, explain on an attachment to this checklist. Yes  No

Are additional mitigation measures or alternatives? Are they feasible or considerably different from the previously adopted mitigation measures? If yes, explain on an attachment to this checklist. Yes  No

Is additional environmental documentation required? If yes, specify type of environmental compliance document required:

|                                   |                                                          |
|-----------------------------------|----------------------------------------------------------|
| • EIR Addendum                    | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| • Mitigation Negative Declaration | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| • Supplemental EIR                | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| • Subsequent EIR                  | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| • Supplemental EIS                | Yes <input type="checkbox"/> No <input type="checkbox"/> |

### 3. REFERENCES

Sacramento Area Flood Control Agency. 2007 (November). *Final Environmental Impact Report on the Natomas Levee Improvement Program Landside Improvements Project*. State Clearinghouse No. 2007062016. Prepared by EDAW, Sacramento, CA.