

<div>CITY OF FRESNO</div> <div>MITIGATED NEGATIVE DECLARATION</div>		<div>Notice of Intent was filed with:</div> <div>FRESNO COUNTY CLERK 2221 Kern Street Fresno, California 93721</div> <div>on</div> <div>May 5, 2017</div>
<div>The full Initial Study and the Fresno General Plan Master Environmental Impact Report are on file in the Development and Resource Management Department, Fresno City Hall, 3rd Floor 2600 Fresno Street Fresno, California 93721 (559) 621-8277</div>	<div>ENVIRONMENTAL ASSESSMENT NUMBER:</div> <div><u>R-04-098/T-5434/ANX-17-002</u></div>	
<div>APPLICANT:</div> <div>Ken Vang Precision Civil Engineering, Inc. 1234 O Street Fresno, California 93721</div>	<div>PROJECT LOCATION:</div> <div>2002 North Temperance Avenue; Located on the northeast corner of East McKinley and North Temperance Avenue in the City and County of Fresno, California</div> <div>APNs: 310-052-34, 40T, 42, 43, 18</div> <div>Site Latitude: 36°45'58.23" N</div> <div>Site Longitude: 119°39'42.61" W</div> <div>Mount Diablo Base &amp; Meridian, Township 13S, Range 21E, Sections 25 &amp; 26</div>	
<div>PROJECT DESCRIPTION:</div> <div>Rezone Application No. R-04-098, Vesting Tentative Tract Map No. 5434/UGM, and Annexation Application No. ANX-17-002 were filed by Ken Vang of Precision Civil Engineering, on behalf of RJF Fresno, and pertain to approximately ±38 acres of property. R-04-098 proposes to amend the Official Zone Map to prezone the property from the AE-20 (Agricultural Exclusive, 20 acres—Fresno County) zone district to the City of Fresno RS-4/UGM (Residential Single Family, Medium Low Density/Urban Growth Management) zone district for purposes of facilitating annexation pursuant to Annexation Application No. ANX-17-002. Vesting Tentative Tract Map No. 5434/UGM proposes to subdivide an approximate 28.81 net acre portion of the area into a 140-lot conventional single family residential subdivision with public streets. The annexation also proposes detachment of the property from the Kings River Conservation District and the Fresno County Fire Protection District and annexation to the City of Fresno.</div> <div>The subject property is located within the boundaries of the Fresno General Plan and McLane Community Plan.</div>		
<div>The City of Fresno has conducted an initial study and proposes to adopt a Mitigated Negative Declaration for the above-described project. The environmental analysis contained in the Initial Study and this Mitigated Negative Declaration is tiered from the Master Environmental Impact Report (SCH # 2012111015) prepared for the Fresno General Plan ("MEIR"). A copy of the MEIR may be reviewed in the City of Fresno Development and Resource Management Department as noted above. The proposed project has been determined to be a subsequent project that is not fully</div>		

within the scope of the Master Environmental Impact Report ("MEIR) prepared for the Fresno General Plan. Pursuant to Public Resources Code § 21157.1 and California Environmental Quality Act (CEQA) Guidelines § 15177, this project has been evaluated with respect to each item on the attached environmental checklist to determine whether this project may cause any additional significant effect on the environment which was not previously examined in the MEIR. After conducting a review of the adequacy of the MEIR pursuant to Public Resources Code, Section 21157.6(b)(1), the Development and Resource Management Department, as lead agency, finds that no substantial changes have occurred with respect to the circumstances under which the MEIR was certified and that no new information, which was not known and could not have been known at the time that the MEIR was certified as complete, has become available.

This completed environmental impact checklist form, its associated narrative, and proposed mitigation measures reflect applicable comments of responsible and trustee agencies and research and analyses conducted to examine the interrelationship between the proposed project and the physical environment. The information contained in the project application and its related environmental assessment application, responses to requests for comment, checklist, initial study narrative, and any attachments thereto, combine to form a record indicating that an initial study has been completed in compliance with the State CEQA Guidelines and the CEQA.

All new development activity and many non-physical projects contribute directly or indirectly toward cumulative impacts on the physical environment. It has been determined that the incremental effect contributed by this project toward cumulative impacts is not considered substantial or significant in itself, and/or that cumulative impacts accruing from this project may be mitigated to less than significant with application of feasible mitigation measures.


Based upon the evaluation guided by the environmental checklist form, it was determined that there are foreseeable impacts from the Project that are additional to those identified in the MEIR, and/or impacts which require mitigation measures not included in the MEIR Mitigation Measure Checklist.

The completed environmental checklist form indicates whether an impact is potentially significant, less than significant with mitigation, or less than significant.

For some categories of potential impacts, the checklist may indicate that a specific adverse environmental effect has been identified which is of sufficient magnitude to be of concern. Such an effect may be inherent in the nature and magnitude of the project, or may be related to the design and characteristics of the individual project. Effects so rated are not sufficient in themselves to require the preparation of an Environmental Impact Report, and have been mitigated to the extent feasible. With the project specific mitigation imposed, there is no substantial evidence in the record that this project may have additional significant, direct, indirect or cumulative effects on the environment that are significant and that were not identified and analyzed in the MEIR. Both the MEIR mitigation checklist measures and the project-specific mitigation checklist measures will be imposed on this project.

The initial study has concluded that the proposed project will not result in any adverse effects which fall within the "Mandatory Findings of Significance" contained in Section 15065 of the State CEQA Guidelines.

The finding is, therefore, made that the proposed project will not have a significant adverse effect on the environment.

<p>PREPARED BY:</p> <p>Phillip Siegrist, Planner</p>	<p>SUBMITTED BY:</p> 
<p>DATE: May 5, 2017</p>	<p>McKencie Contreras, Supervising Planner DEVELOPMENT &amp; RESOURCE MANAGEMENT DEPARTMENT</p>
<p>Attachments:</p>	<ul style="list-style-type: none"> <li>-Notice of Intent</li> <li>-Initial Study Impact Checklist and Initial Study (Appendix G)</li> <li>-City of Fresno General Plan and Development Code Update Mitigation and Monitoring Reporting Program dated November May 5, 2017</li> <li>- Project Specific Mitigation Monitoring Checklist dated November May 5, 2017</li> </ul>

## Notice of Intent

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<p align="center"><b>CITY OF FRESNO</b></p> <p align="center"><b>NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION</b></p>	<p>Filed with: FRESNO COUNTY CLERK 2221 Kern Street, Fresno, CA 93721</p>
<p align="center"><b>PROJECT TITLE &amp; ENVIRONMENTAL ASSESSMENT</b></p> <p>EA No. R-04-098/T-5434/ANX-17-002 for Rezone Application No. R-04-098, Vesting Tentative Tract Map No. 5434/UGM, and Annexation Application No. ANX-17-002</p>	<p align="center"><b>FILED</b></p> <p align="center">MAY 05 2017 TIME 3:09pm</p> <p align="center">FRESNO COUNTY CLERK By <i>Crystal S. Bakock</i> DEPUTY</p>
<p><b>APPLICANTS:</b> Ken Vang Precision Civil Engineering, Inc. 1234 O Street Fresno, California 93721</p>	
<p><b>PROJECT LOCATION:</b> 7190 East McKinley Avenue S/A; Located on the northeast corner of East McKinley and North Temperance Avenues in the County of Fresno, California APNs: 310-052-34, 40T, 42, 43, 18 Site Latitude: 36°45'58.23" N Site Longitude: 119°39'42.61" W Mount Diablo Base &amp; Meridian, Township 13S, Range 21E, Sections 25 &amp; 26</p>	
<p><b>PROJECT DESCRIPTION:</b> Rezone Application No. R-04-098, Vesting Tentative Tract Map No. 5434/UGM, and Annexation Application No. ANX-17-002 were filed by Ken Vang of Precision Civil Engineering, on behalf of RJF Fresno, and pertain to approximately ±38 acres of property located on the northeast corner of East McKinley and North Temperance Avenues. R-04-098 proposes to amend the Official Zone Map to prezone the property from the AE-20 (<i>Agricultural Exclusive, 20 acres—Fresno County</i>) zone district to the City of Fresno RS-4/UGM (<i>Residential Single Family, Medium Low Density/Urban Growth Management</i>) zone district for purposes of facilitating annexation pursuant to Annexation Application No. ANX-17-002. Vesting Tentative Tract Map No. 5434/UGM proposes to subdivide an approximate 28.81 net acre portion of the area into a 140-lot conventional single family residential subdivision with public streets. The annexation also proposes detachment of the property from the Kings River Conservation District and the Fresno County Fire Protection District and annexation to the City of Fresno.</p>	
<p>The City of Fresno has conducted an initial study of the above-described project and it has been determined to be a subsequent project that may not be fully within the scope of the Master Environmental Impact Report (MEIR) SCH No. 2012111015 prepared for the Fresno General Plan adopted by the Fresno City Council on December 18, 2014. Therefore, the Development and</p>	

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project.

With mitigation imposed, there is no substantial evidence in the record that this project may have additional significant, direct, indirect or cumulative effects on the environment that are significant and that were not identified and analyzed in the MEIR. After conducting a review of the adequacy of the MEIR pursuant to Public Resources Code, Section 21157.6(b)(1), the Development and Resource Management Department, as lead agency, finds that no substantial changes have occurred with respect to the circumstances under which the MEIR was certified and that no new information, which was not known and could not have been known at the time that the MEIR was certified as complete has become available. The project is not located on a site which is included on any of the lists enumerated under Section 65962.5 of the Government Code including, but not limited to, lists of hazardous waste facilities, land designated as hazardous waste property, hazardous waste disposal sites and others, and the information in the Hazardous Waste and Substances Statement required under subdivision (f) of that Section.

Additional information on the proposed project, including the proposed environmental Finding of Conformity, initial study and all documents and technical studies referenced in the initial study, as well as electronic copies of documents, may be obtained from the Development and Resource Management Department, Fresno City Hall, 2600 Fresno Street, Third Floor-North, Room 3043, Fresno, California 93721 3604. Please contact Phillip Siegrist at (559) 621-8061 for more information.

ANY INTERESTED PERSON may comment on the proposed environmental finding. Comments must be in writing and must state (1) the commentor's name and address; (2) the commentor's interest in, or relationship to, the project; (3) the environmental determination being commented upon; and (4) the specific reason(s) why the proposed environmental determination should or should not be made. Comments may be submitted at any time between the publication date of this notice and close of business on May 30, 2017. Please direct all comments to Phillip Siegrist, City of Fresno Development and Resource Management Department, City Hall, 2600 Fresno Street, Third Floor-North, Room 3043, Fresno, California, 93721-3604; or by email, [Phillip.Siegrist@fresno.gov](mailto:Phillip.Siegrist@fresno.gov); or by facsimile, (559) 498-1026. Para información en español, comuníquese con McKencie Contreras al teléfono (559) 621-8066.

INITIAL STUDY PREPARED BY:  
Phillip Siegrist  
Planner II

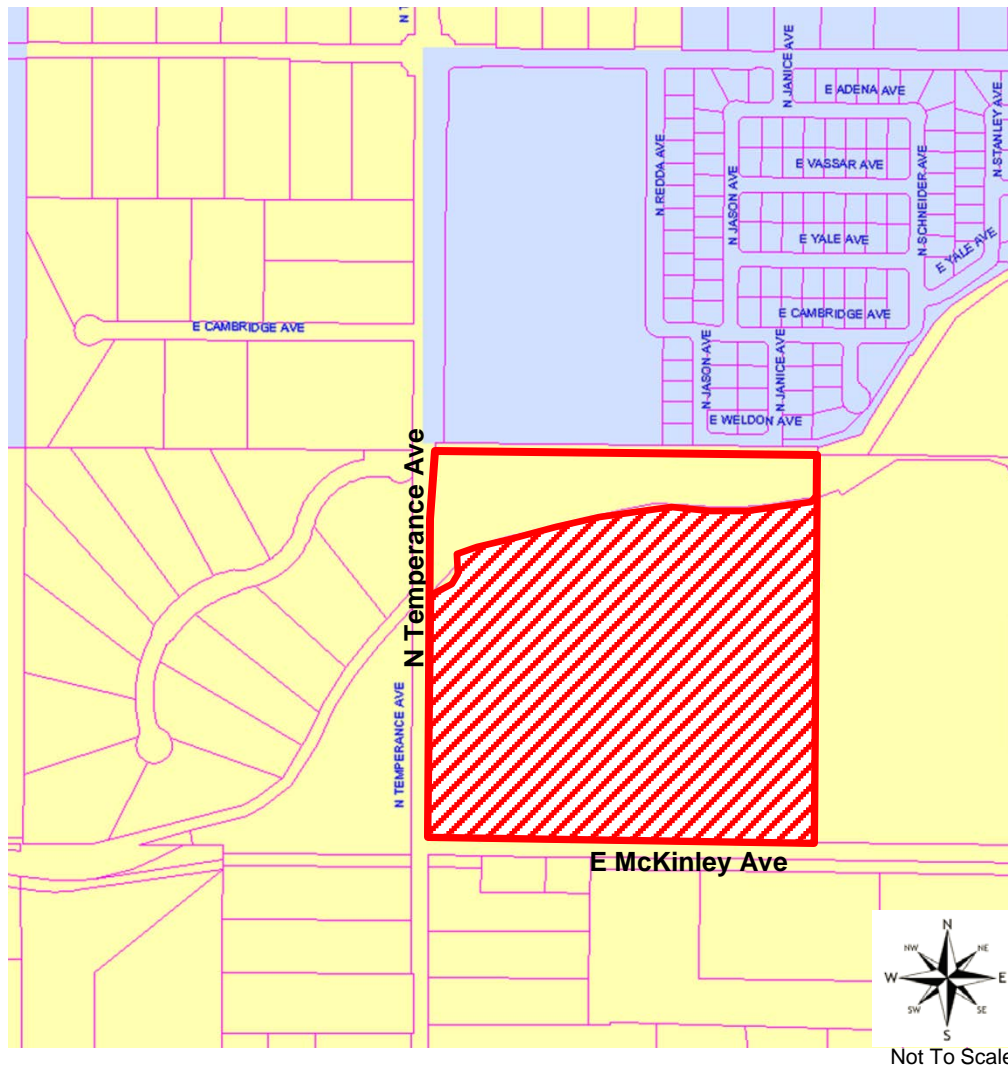
DATE: May 5, 2017

SUBMITTED BY:



McKencie Contreras, Supervising Planner  
CITY OF FRESNO DEVELOPMENT &  
RESOURCE MANAGEMENT DEPT

## Vicinity Map



**Subject Property to  
be Annexed and  
Rezoned**



**Project Area to be Developed  
area into a 140-lot Single  
Family Subdivision**

## VICINITY MAP

**EA No. R-04-098/T-5434/ANX-17-002 for  
Rezone Application No. R-04-098,  
Vesting Tentative Tract Map No.  
5434/UGM, and Annexation Application  
No. ANX-17-002**

### PROPERTY ADDRESS

2002 North Temperance Avenue

## DEVELOPMENT AND RESOURCE MANAGEMENT DEPARTMENT

### **Zone District:**

Current: AE-20 (*Agricultural Exclusive, 20  
acres—Fresno County*) zone  
district.

Proposed: RS-4/UGM (*Residential Single  
Family, Medium Low  
Density/Urban Growth  
Management*) zone district.

**By:** P. Siegrist  
May 5, 2017



## Appendix G

**APPENDIX G TO ANALYZE  
SUBSEQUENT PROJECT IDENTIFIED IN MEIR SCH No. 2012111015/INITIAL  
STUDY**

**Environmental Checklist Form for:**

**EA No. R-04-098/T-5434/ANX-17-002**

**1. Project title:**

Rezone Application No. R-04-098, Vesting Tentative Tract Map No. 5434/UGM, and  
Annexation Application No. ANX-17-002

**2. Lead agency name and address:**

City of Fresno  
Development and Resource Management Department  
2600 Fresno Street  
Fresno, CA 93721

**3. Contact person and phone number:**

Phillip Siegrist, Planner II  
City of Fresno  
Development and Resource Management Dept.  
(559) 621-8061

**4. Project location:**

2002 North Temperance Avenue  
Located on the northeast corner of East McKinley and North Temperance Avenues in  
the County of Fresno, California  
Assessor's Parcel Number(s): 310-052-34, 40T, 42, 43, 18  
Site Latitude: 36°45'58.23" N  
Site Longitude: 119°39'42.61" W  
Mount Diablo Base & Meridian, Township 13S, Range 21E, Sections 25 & 26

**5. Project sponsor's name and address:**

Ken Vang  
Precision Civil Engineering, Inc.  
1234 O Street  
Fresno, California 93721

6. **General & Community plan designation:**

Medium Low Density Residential

7. **Zoning:**

Existing - AE-20 (*Agriculture Exclusive, 20 Acres* – Fresno County)

Proposed - RS-4/UGM (*Residential Single Family, Medium Low Density/Urban Growth Management*)

8. **Description of project:**

Rezone Application No. R-04-098, Vesting Tentative Tract Map No. 5434/UGM, and Annexation Application No. ANX-17-002 were filed by Ken Vang of Precision Civil Engineering, on behalf of RJF Fresno, and pertain to approximately ±38 acres of property located on the northeast corner of East McKinley and North Temperance Avenues. R-04-098 proposes to amend the Official Zone Map to prezone the property from the AE-20 (*Agricultural Exclusive, 20 acres*—Fresno County) zone district to the City of Fresno RS-4/UGM (*Residential Single Family, Medium Low Density/Urban Growth Management*) zone district for purposes of facilitating annexation pursuant to Annexation Application No. ANX-17-002. Vesting Tentative Tract Map No. 5434/UGM proposes to subdivide an approximate 28.81 net acre portion of the area into a 140-lot conventional single family residential subdivision with public streets. The annexation also proposes detachment of the property from the Kings River Conservation District and the Fresno County Fire Protection District and annexation to the City of Fresno.

9. **Surrounding land uses and setting:**

	Planned Land Use	Existing Zoning	Existing Land Use
North	Elementary School – Public Facility & Medium Low Density Residential	<b>PI/UGM</b> <i>(Public Institution/Urban Growth Management)</i> & <b>RS-4/UGM</b> <i>(Residential Single-Family, Medium Low Density/Urban Growth Management)</i>	Single Family Residential Neighborhood & Elementary School

<b>South</b>	Low Density Residential & Medium Density Residential (South East Development Area)	<b>RR</b> ( <i>Rural Residential—Fresno County</i> ) & <b>AE20</b> ( <i>Exclusive Agricultural, 20 acres—Fresno County</i> )	Rural Residential & Active Ag Land
<b>East</b>	Medium Low Density Residential	<b>AE20</b> ( <i>Exclusive Agricultural, 20 acres—Fresno County</i> )	Vacant Ag Land
<b>West</b>	Low Density Residential	<b>RR</b> ( <i>Rural Residential Neighborhood Beautification—Fresno County</i> )	Single Family/Rural Residential & Vacant Ag land

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

City of Fresno (COF) Department of Public Works; COF Department of Public Utilities; COF Building and Safety Services Division; COF Fire Department; Fresno Metropolitan Flood Control District (FMFCD); Fresno County Department of Public Health; San Joaquin Valley Air Pollution Control District (SJVAPCD); and County of Fresno

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code (PRC) section 21080.3.1? If so, has consultation begun?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See PRC section 21083.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per PRC section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that PRC section 21082.3(c) contains provisions specific to confidentiality. Consultation has not been requested.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

Pursuant to Public Resources Code Section 21157.1(b) and CEQA Guidelines 15177(b)(2), the purpose of this MEIR initial study is to analyze whether the subsequent project was described in the Master Environmental Impact Report (MEIR) SCH No. 2012111015 and whether the subsequent project may cause any additional significant effect on the environment, which was not previously examined in MEIR SCH No. 2012111015 adopted for the Fresno General Plan.

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

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

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project is a subsequent project identified in the MEIR and that it is fully within the scope of the MEIR because it would have no additional significant effects that were not examined in the MEIR such that no new additional mitigation measures or alternatives may be required. All applicable mitigation measures contained in the Mitigation Measure Monitoring Checklist shall be imposed upon the proposed project. A FINDING OF CONFORMITY will be prepared.

☒ I find that the proposed project is a subsequent project identified in the MEIR but that it is not fully within the scope of the MEIR because the proposed project could have a significant effect on the environment that was not examined in the MEIR. However, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the

project proponent. The project specific mitigation measures and all applicable mitigation measures contained in the MEIR Mitigation Measure Monitoring Checklist will be imposed upon the proposed project. A MITIGATED NEGATIVE DECLARATION will be prepared.

— I find that the proposed project is a subsequent project identified in the MEIR but that it MAY have a significant effect on the environment that was not examined in the MEIR, and an ENVIRONMENTAL IMPACT REPORT is required to analyze the potentially significant effects not examined in the MEIR pursuant to Public Resources Code Section 21157.1(d) and CEQA Guidelines 15178(a).

  
Phillip Siegrist, Planner

5/5/17  
Date

EVALUATION OF ADDITIONAL ENVIRONMENTAL IMPACTS NOT ASSESSED IN THE MEIR or Air Quality MND:

1. For purposes of this MEIR Initial Study, the following answers have the corresponding meanings:
  - a. "No Impact" means the subsequent project will not cause any additional significant effect related to the threshold under consideration which was not previously examined in the MEIR.
  - b. "Less Than Significant Impact" means there is an impact related to the threshold under consideration that was not previously examined in the MEIR, but that impact is less than significant;
  - c. "Less Than Significant with Mitigation Incorporation" means there is a potentially significant impact related to the threshold under consideration that was not previously examined in the MEIR, however, with the mitigation incorporated into the project, the impact is less than significant.
  - d. "Potentially Significant Impact" means there is an additional potentially significant effect related to the threshold under consideration that was not previously examined in the MEIR.
2. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to

pollutants, based on a project-specific screening analysis).

3. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
4. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
5. A "Finding of Conformity" is a determination based on an initial study that the proposed project is a subsequent project identified in the MEIR and that it is fully within the scope of the MEIR because it would have no additional significant effects that were not examined in the MEIR.
6. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
7. Earlier analyses may be used where, pursuant to the tiering, program EIR or MEIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a. Earlier Analysis Used. Identify and state where they are available for review.
  - b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in the MEIR or another earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c. Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
8. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate,

include a reference to the page or pages where the statement is substantiated.

9. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

10. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

11. The explanation of each issue should identify:

- a. The significance criteria or threshold, if any, used to evaluate each question; and
- b. The mitigation measure identified, if any, to reduce the impact to less than significance.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
I. AESTHETICS -- Would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	

The site is located within an area which is planned for urban residential uses. Property located directly to the north of the subject property has been annexed to the City of



Fresno and has been developed with an elementary school and a conventional single family residential subdivision. The remaining surrounding land uses are characterized by rural residential, agricultural and vacant agricultural uses to the south, east, and west.

The proposed project is not located near a scenic vista and there are no state scenic highways or city- or county-designated roads which exist within the project area. Therefore, the project would have no impact on scenic vistas, roads or highways. The proposed project would add to the overall character of the area; therefore, the impact to the visual character of the area will be less than significant.

The development of the site will not create a new source of substantial light or glare which would affect day or night time views in the project area, given that during the entitlement process, staff will ensure that the project will only have lights consistent with other residential locations in the area. The proposed construction would not significantly impact the visual character of the site as the proposed new construction type and appearance will provide an enhanced street frontage and landscaping to a vacant site. As a result, the project will have a less than significant impact on aesthetics.

In conclusion, with MEIR mitigation measures included, the project will not result in any aesthetic impacts beyond those analyzed in MEIR SCH No. 2012111015 prepared for the Fresno General Plan.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
II. AGRICULTURE AND FORESTRY RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. -- Would the project:				

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?			X	
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?			X	
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))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?			X	

Based upon the 2014 Rural Mapping Edition: Fresno County Important Farmland Map of the California Department of Conservation, the subject property is designated as “Prime Farmland,” “Unique Farmland,” and “Farmland of Local Importance.”

“Prime Farmland” is defined as having the best combination of physical and chemical features able to sustain long-term agricultural production. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land

must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

“Unique Farmland” is defined as farmland which consists of lesser quality soils used for the production of the State’s leading agricultural crops. This land is usually irrigated, but may include non-irrigated orchards or vineyards as found in some climatic zones in California. Land must have been cropped at some time during the four years prior to the mapping date.

“Farmland of Local Importance” is defined as all farmable lands within Fresno County that do not meet the definitions of prime, statewide, or unique. This includes land that is or has been used for irrigated pasture, dryland farming, confined livestock and dairy, poultry facilities, aquaculture and grazing land.

The subject property remains vacant, fallow, land which has not been under cultivation and is occupied by two rural residences.

The Fresno General Plan MEIR analyzed “project specific” impacts associated with future development within the Planning Area (Sphere of Influence) as well as the cumulative impacts factored from future development in areas outside of the Planning Area. The MEIR identifies locations within the Planning Area that have been designated as Prime Farmland, Unique Farmland, and Farmland of Statewide Importance through the Farmland Mapping and Monitoring Program (FMMP) of the California Department of Conservation. The analysis of impacts contained within the MEIR acknowledges that Fresno General Plan implementation anticipates all of the FMMP-designated farmland within the Planning Area being converted to uses other than agriculture. Furthermore, the MEIR acknowledges that the anticipated conversion is a significant impact on agricultural resources.

To reduce potential project-specific and cumulative impacts on agricultural uses, the General Plan incorporates objectives and policies, which include but are not limited to the following:

G-5 Objective: While recognizing that the County of Fresno retains the primary responsibility for agricultural land use policies and the protection and advancement of farming operations, the City of Fresno will support efforts to preserve agricultural land outside of the area planned for urbanization and outside of the City’s public service delivery capacity by being responsible in its land use plans, public service delivery plans, and development policies.

G-5-b. Policy: Plan for the location and intensity of urban development in a manner that efficiently utilizes land area located within the planned urban boundary, including the North and Southeast Growth Areas, while promoting compatibility with agricultural uses located outside of the planned urban area.

G-5-f. Policy: Oppose lot splits and development proposals in unincorporated areas within and outside the City General Plan boundary when these proposals would do any of the following:

- Make it difficult or infeasible to implement the general plan; or,
- Contribute to the premature conversion of agricultural, open space, or grazing lands; or constitute a detriment to the management of resources and/or facilities important to the metropolitan area (such as air quality, water quantity and quality, traffic circulation, and riparian habitat).

However, the MEIR recognizes that despite implementation of the objectives and policies of the Fresno General Plan, project and cumulative impacts on agricultural resources will remain significant; and, that no feasible measures in addition to the objectives and policies of the Fresno General Plan are available.

In 2014, through passage of Council Resolution No. 2014-225, the City of Fresno adopted Findings of Fact related to Significant and Unavoidable Effects as well as Statements of Overriding Considerations in order to certify MEIR SCH No. 111015 for purposes of adoption of the Fresno General Plan. Section 15093 of the California Environmental Quality Act requires the lead agency to balance the benefits of a proposed project against its unavoidable environmental risks in determining whether to approve the project.

The adopted Statements of Overriding Considerations for the MEIR addressed Findings of Significant Unavoidable Impacts within the categories/areas of Agricultural Resources; citing specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers as project goals, each and all of which were deemed and considered by the Fresno City Council to be benefits, which outweighed the unavoidable adverse environmental effects attributed to development occurring within the City of Fresno Sphere of Influence (SOI), consistent with the land uses, densities, and intensities set forth in the Fresno General Plan.

The subject property is located within the City of Fresno's sphere of influence and is located within an area which has been developed with single family residential tract housing and an elementary school on one side and a mix of rural residences and inactive farm land on the remaining four. Properties to the north are located within the City of Fresno and have been developed with single family residential tracts and an elementary school. Properties directly to the south and west of the subject property and across East McKinley and North Temperance Avenues remain in the unincorporated area of the County of Fresno and have been developed primarily with rural residences and a farm land; however the farm land has not been active or under cultivation for several years. Property to the east remains in the unincorporated area of the County of Fresno and is currently developed with a rural residence and inactive farm land.

Furthermore, as the subject property remains vacant land, the project will not result in the conversion of farmland to non-agricultural use. Therefore, the proposed project is consistent with the goals, objective and policies of the Fresno General Plan as referenced herein above; and, will not result in the premature conversion of agricultural lands or constitute a detriment to the management of agricultural resources and/or facilities important to the metropolitan area.

Given its proximity to unincorporated lands within the County of Fresno, which remain eligible for future agricultural operations, a "Right-to-Farm" covenant will be required to be executed in accordance with the mitigation measures of the MEIR. The covenant will acknowledge and agree that the subject property is in or near agricultural districts located in the City and/or County of Fresno and that the future residents of the subject property should be prepared to accept the inconveniences and discomfort associated with normal farm activities.

The subject site and property adjacent to the subject site are not under a Williamson Act contract. Therefore, the proposed project on the subject site will not affect the Williamson Act contract parcels.

The proposed project does not conflict with any forest land or Timberland Production or result in any loss of forest land. The proposed project does not include any changes which will affect the existing environment.

As discussed in Impact AG-1 of the MEIR, future development in accordance with the Fresno General Plan would result in the conversion of farmland to a non-agricultural use. Except for direct conversion, the implementation of project development would not result in other changes in the existing environment that would impact agricultural land outside of the Planning Area. In addition, the development in accordance with the General Plan would not impact forest land as discussed in Section 7.2.1 of the MEIR. Therefore, the project would result in no impact on farmland or forest land involving other changes in the existing environment which fall outside of the scope of the analyses contained within the MEIR.

In conclusion, with MEIR mitigation measures incorporated, the proposed project would not result in any agriculture and forestry resource environmental impacts beyond those analyzed in the MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
III. AIR QUALITY AND GLOBAL CLIMATE CHANGE - (Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.) -- Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan (e.g., by having potential emissions of regulated criterion pollutants which exceed the San Joaquin Valley Air Pollution Control Districts (SJVAPCD) adopted thresholds for these pollutants)?			X	
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?			X	
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)?			X	
d) Expose sensitive receptors to substantial pollutant concentrations.				X

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
e) Create objectionable odors affecting a substantial number of people?				X

### Setting

The subject site is located in Fresno County and within the San Joaquin Valley Air Basin (SJVAB). This region has had chronic non-attainment of federal and state clean air standards for ozone/oxidants and particulate matter due to a combination of topography and climate. The San Joaquin Valley (Valley) is hemmed in on three sides by mountain ranges, with prevailing winds carrying pollutants and pollutant precursors from urbanized areas to the north (and in turn contributing pollutants and precursors to downwind air basins). The Mediterranean climate of this region, with a high number of sunny days and little or no measurable precipitation for several months of the year, fosters photochemical reactions in the atmosphere, creating ozone and particulate matter. Regional factors affect the accumulation and dispersion of air pollutants within the SJVAB.

Air pollutant emissions overall are fairly constant throughout the year, yet the concentrations of pollutants in the air vary from day to day and even hour to hour. This variability is due to complex interactions of weather, climate, and topography. These factors affect the ability of the atmosphere to disperse pollutants. Conditions that move and mix the atmosphere help disperse pollutants, while conditions that cause the atmosphere to stagnate allow pollutants to concentrate. Local climatological effects, including topography, wind speed and direction, temperature, inversion layers, precipitation, and fog can exacerbate the air quality problem in the SJVAB.

The SJVAB is approximately 250 miles long and averages 35 miles wide, and is the second largest air basin in the state. The SJVAB is defined by the Sierra Nevada in the east (8,000 to 14,000 feet in elevation), the Coast Ranges in the west (averaging 3,000 feet in elevation), and the Tehachapi mountains in the south (6,000 to 8,000 feet in elevation). The Valley is basically flat with a slight downward gradient to the northwest. The Valley opens to the sea at the Carquinez Straits where the San Joaquin-Sacramento Delta empties into San Francisco Bay. The Valley, thus, could be considered a "bowl" open only to the north.

During the summer, wind speed and direction data indicate that summer wind usually originates at the north end of the Valley and flows in a south-southeasterly direction through the Valley, through Tehachapi Pass, into the Southeast Desert Air Basin. In

addition, the Altamont Pass also serves as a funnel for pollutant transport from the San Francisco Bay Area Air Basin into the region.

During the winter, wind speed and direction data indicate that wind occasionally originates from the south end of the Valley and flows in a north-northwesterly direction. Also during the winter months, the Valley generally experiences light, variable winds (less than 10 mph). Low wind speeds, combined with low inversion layers in the winter, create a climate conducive to high carbon monoxide (CO) and particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>) concentrations. The SJVAB has an “Inland Mediterranean” climate averaging over 260 sunny days per year. The Valley floor is characterized by warm, dry summers and cooler winters. For the entire Valley, high daily temperature readings in summer average 95°F. Temperatures below freezing are unusual. Average high temperatures in the winter are in the 50s, but highs in the 30s and 40s can occur on days with persistent fog and low cloudiness. The average daily low temperature is 45°F.

The vertical dispersion of air pollutants in the Valley is limited by the presence of persistent temperature inversions. Solar energy heats up the Earth’s surface, which in turn radiates heat and warms the lower atmosphere. Therefore, as altitude increases, the air temperature usually decreases due to increasing distance from the source of heat. A reversal of this atmospheric state, where the air temperature increases with height, is termed an inversion. Inversions can exist at the surface or at any height above the ground, and tend to act as a lid on the Valley, holding in the pollutants that are generated here.

### Regulations

The San Joaquin Valley Air Pollution Control District (SJVAPCD) is the local regional jurisdictional entity charged with attainment planning, rulemaking, rule enforcement, and monitoring under Federal and State Clean Air Acts and Clean Air Act Amendments.

The SJVAPCD has adopted project level quantitative thresholds for ozone precursors reactive organic gases ROG and oxides of nitrogen (NO<sub>x</sub>) of 10 tons per year, and recommends quantitative thresholds for PM<sub>10</sub> and PM<sub>2.5</sub> of 15 tons per year. The General Plan Update provides for the development of numerous individual development projects that will be subject to the project level thresholds at the time they are proposed. Large individual projects are likely to exceed the thresholds during project construction and operation.

The MEIR prepared for the Fresno General Plan and Policy RC-4-c of the Fresno General Plan require that computer models used by the SJVAPCD be used to analyze development projects and estimate future air pollutant emissions that can be expected to be generated from operational emissions (vehicular traffic associated with the project), area-wide emissions (sources such as ongoing maintenance activities and use of appliances), and construction activities.



CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas (GHG) emissions associated with both construction and operations from a variety of land use projects. The model quantifies direct emissions from construction and operations (including vehicle and off-road equipment use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use. Further, the model identifies mitigation measures to reduce criteria pollutant and GHG emissions along with calculating the benefits achieved from measures chosen by the user. The GHG mitigation measures were developed and adopted by the California Air Pollution Control Officers Association (CAPCOA).

In addition to the above-mentioned factors, the CalEEMod computer model evaluates the following emissions: ozone precursors (Reactive Organic Gases (ROG)) and NOX; CO, SOX, both regulated categories of particulate matter, and the greenhouse gas carbon dioxide (CO<sub>2</sub>). The model incorporates geographically-customized data on local vehicles, weather, and SJVAPCD Rules.

The analysis was conducted using the CalEEMod Model, Version 2013.2.2. For purposes of this analysis the project has been evaluated with consideration to the subdivision of the subject property for purposes of creating a 140-lot single family residential development on approximately 28.81 acres of land at a density of approximately 4.9 dwelling units/acre; consistent with the applicable Medium Low Density Residential (3.5-6 dwelling units/acre) planned land use designation of the Fresno General Plan.

Applying the factors outlined in the Institute of Traffic Engineers (ITE) Trip Generation Manual, the proposed project at full build-out is expected to generate 1,314 average daily trips (ADT), with 104 vehicle trips occurring during the morning peak hour travel period (7 to 9 a.m.) and 138 vehicle trips occurring during the evening peak hour travel period (4 to 6 p.m.).

#### Project:

The SJVAPCD reviewed and approved the Air Impact Assessment (AIA) application for the proposed multi-family development. The summary of project emissions and emission reductions indicate the project is not expected to exceed significant thresholds of 10-tons/year NOX, 10 tons/year ROG, and 15 tons/year PM<sub>10</sub>. Therefore, project specific criteria pollutant emissions would have no significant adverse impact on air quality. The SJVAPCD further indicated the project is subject to District Rule 9510 (Indirect Source Review) which is intended to mitigate a projects impact on air quality through project design elements or by payment of applicable off-site mitigation fees. The project developer will be required to obtain applicable permits from the SJVAPCD in order to comply with all applicable air quality plans.

The proposed use, if approved, will be allowed on the subject site and will not expose sensitive receptors to substantial pollutant concentrations. The project is not proposing a use which will create objectionable odors more obnoxious than prior uses of the site and/or current surrounding residential and non-residential uses; therefore there will be no impact.

Therefore, compliance with all of the above SJVAPCD Rules, Fresno General Plan policies and MEIR mitigation measures results in a less than significant impact on air quality with respect to air quality plans and standards and cumulative increases in criteria pollutants.

The proposed project will comply with the Resource Conservation Element of the Fresno General Plan and the Goals, Policies and Objectives of the Regional Transportation Plan adopted by the Fresno Council of Fresno County Governments; therefore the project will not conflict with or obstruct an applicable air quality plan.

Therefore, compliance with the all of the above SJVAPCD Rules, Fresno General Plan policies, and MEIR mitigation measures results in a less than significant impact on air quality with respect to air quality plans and standards and cumulative increases in criteria pollutants.

In conclusion, with MEIR mitigation measures incorporated, the proposed project would not result in any air quality environmental impacts beyond those analyzed in the MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
IV. BIOLOGICAL RESOURCES - - Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?				X
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
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?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
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?				X

The proposed project will not directly affect any sensitive, special status, or candidate species, nor would it modify any habitat that supports them.

There is no riparian habitat or any other sensitive natural community identified in the vicinity of the proposed project by the California Department of Fish and Game or the US Fish and Wildlife Service. No federally protected wetlands are located on the subject site. Therefore, there would be no impacts to species, riparian habitat or other sensitive communities and wetlands.

There are also no bodies of water on the subject site or in the immediate vicinity of the subject site. The proposed project would have no impact on the movement of migratory fish or wildlife species or on established wildlife corridors or wildlife nursery sites. No local policies regarding biological resources are applicable to the subject site and there would be no impacts with regard to those plans.

No habitat conservation plans or natural community conservation plans in the region pertain to the natural resources that exist on the subject site or in their immediate vicinity.

Finally, no actions or activities resulting from the implementation of the proposed project would have the potential to affect floral, or faunal species; or, their habitat. Therefore, there would be no impacts.

In conclusion, with MEIR mitigation measures incorporated, the project will not result in any biological resource impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?				X

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				X
d) Disturb any human remains, including those interred outside of formal cemeteries?				X

There are no structures which exist within the project area that are listed in the National or Local Register of Historic Places, and the subject site is not within a designated historic district.

There are no known archaeological or paleontological resources that exist within the project area; previously unknown paleontological resources or undiscovered human remains could be disturbed during project construction. There is no evidence that cultural resources of any type (including historical, archaeological, paleontological, or unique geologic features) exist on the subject property. Past record searches for the region have not revealed the likelihood of cultural resources on the subject property or in its immediate vicinity. Therefore, it is not expected that the proposed project may impact cultural resources. It should be noted however that lack of surface evidence of historical resources does not preclude the subsurface existence of archaeological resources. Furthermore, previously unknown paleontological resources or undiscovered human remains could be disturbed during project construction.

Therefore, due to the ground disturbing activities that will occur as a result of the project, pursuant to the conditions of approval for the project, if material that may be human remains, animal fossils, or archaeological material is encountered, work shall stop immediately; and, that qualified professionals in the respective field are contacted and consulted in order to insure that the activities of the proposed project will not involve physical demolition, destruction, relocation, or alteration of historic, archaeological, or paleontological resources.

In conclusion, with MEIR mitigation measures incorporated, the project will not result in any cultural resource impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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:				X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?				X
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?				X
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?				X

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X

There are no known geologic hazards or unstable soil conditions known to exist on the site. The existing topography is flat with no apparent unique or significant land forms such as vernal pools. Development of the property requires compliance with grading and drainage standards of the City of Fresno and the FMFCD Standards. Grade differentials at property lines must be limited to one foot or less, or a cross-drainage covenant must be executed with affected adjoining property owners.

Fresno has no known active earthquake faults and is not in any Alquist-Priolo Special Studies Zones. The immediate Fresno area has extremely low seismic activity levels, although shaking may be felt from earthquakes whose epicenters lie to the east, west, and south. Known major faults are over 50 miles distant and include the San Andreas Fault, Coalinga area blind thrust fault(s), and the Long Valley, Owens Valley, and White Wolf/Tehachapi fault systems. The most serious threat to Fresno from a major earthquake in the Eastern Sierra would be flooding that could be caused by damage to dams on the upper reaches of the San Joaquin River.

Fresno is classified by the State as being in a moderate seismic risk zone, Category "C" or "D," depending on the soils underlying the specific location being categorized and that location's proximity to the nearest known fault lines. All new structures are required to conform to current seismic protection standards in the California Building Code. Seismic upgrade/retrofit requirements are imposed on older structures by the City's Development and Resource Management Department as may be applicable to building modification and rehabilitation projects.

No adverse environmental effects related to topography, soils or geology are expected as a result of this project.

In conclusion, the project would not result in any geology or soil environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X

The proposed project will not occur at a scale or scope with potential to contribute substantially or cumulatively to the generation of greenhouse gas emissions, either directly or indirectly.

The General Plan and MEIR rely upon a Greenhouse Gas Reduction Plan that provides a comprehensive assessment of the benefits of city policies and proposed code changes, existing plans, programs, and initiatives that reduce greenhouse gas emissions. The plan demonstrates that even though there is increased growth, the City would still be reducing greenhouse gas emissions through 2020 and per capita emission rates drop substantially. The benefits of adopted regulations become flat in later years and growth starts to exceed the reductions from all regulations and measures. Although it is highly likely that regulations will be updated to provide additional reductions, none are reflected in the analysis since only the effect of adopted regulations is included. See Section III, Air Quality and Global Climate Change, for a full discussion of air quality and greenhouse gas emissions.

In conclusion, the proposed project would not result in any greenhouse gas emission environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.



<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
VIII. HAZARDS AND HAZARDOUS MATERIAL -- Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
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?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
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?				X

Pursuant to Policy 1-6-a of the Fresno General Plan, hazardous materials will be defined as those that, because of their quantity, concentration, physical or chemical characteristics, pose significant potential hazards to human health, safety, or the environment. Specific federal, state and local definitions and listings of hazardous materials will be used by the City of Fresno.

There are no known existing hazardous material conditions on the site and the project is not located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The project itself will not generate or use hazardous materials in a manner outside health department requirements, is not

near any wildland fire hazard zones, and poses no interference with the City's or County's Hazard Mitigation Plans or emergency response plans.

The subject site is not under cultivation. No pesticides or hazardous materials are known to exist on the site and the proposed project will have no environmental impacts related to potential hazards or hazardous materials as identified above.

The subject site is not located within an airport land use plan and is not within the vicinity of a private airstrip.

In conclusion, with MEIR mitigation measures incorporated, the project will not result in any hazards and hazardous material impacts beyond those analyzed in analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
IX. HYDROLOGY AND WATER QUALITY -- Would the project:				
a) Violate any water quality standards or waste discharge requirements?				X
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)?			X	

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?			X	
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?			X	
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?			X	
f) Otherwise substantially degrade water quality?				X
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?		X		
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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?				X
j) Inundation by seiche, tsunami, or mudflow?				X

### Setting

Fresno is one of the largest cities in the United States still relying primarily on groundwater for its public water supply. Surface water treatment and distribution has been implemented in the northeastern part of the City, but the city is still subject to an EPA Sole Source Aquifer designation. While the aquifer underlying Fresno typically exceeds a depth of 300 feet and is capacious enough to provide adequate quantities of safe drinking water to the metropolitan area well into the twenty-first century, groundwater degradation, increasingly stringent water quality regulations, and an historic trend of high consumptive use of water on a per capita basis (some 250 gallons per day per capita), have resulted in a general decline in aquifer levels, increased cost to provide potable water, and localized water supply limitations.

This mitigated negative declaration prepared for the proposed project is tiered from MEIR SCH No. 2012111015) prepared for the Fresno General Plan, which contains measures to mitigate projects' individual and cumulative impacts to groundwater resources and to reverse the groundwater basin's overdraft conditions.

Fresno has attempted to address these issues through metering and revisions to the City's Urban Water Management Plan (UWMP). The Fresno Metropolitan Water Resource Management Plan, which has been adopted and the accompanying Final EIR (SCH #95022029) certified, is also under revision. The purpose of these management plans is to provide safe, adequate, and dependable water supplies in order to meet the future needs of the metropolitan area in an economical manner; protect groundwater quality from further degradation and overdraft; and, provide a plan of reasonably implementable measures and facilities. City water wells, pump stations, recharge facilities, water treatment and distribution systems have been expanded incrementally to mitigate increased water demands and respond to groundwater quality challenges.

The adverse groundwater conditions of limited supply and compromised quality have been well- documented by planning, environmental impact report and technical studies over the past 20 years including the Master Environmental Impact Report (MEIR) No. SCH No. 2012111015 for the Fresno General Plan, the MEIR 10130 for the 2025 Fresno General Plan, Final EIR No.10100, Final EIR No.10117, and Final EIR No. SCH 95022029 (Fresno Metropolitan Water Resource Management Plan), et al. These conditions include water quality degradation due to DBCP, arsenic, iron, and manganese concentrations; low water well yields; limited aquifer storage capacity and recharge capacity; and, intensive urban or semi-urban development occurring upgradient from the Fresno Metropolitan Area.

In response to the need for a comprehensive long-range water supply and distribution strategy, the General Plan recognizes the Kings Basin's Integrated Regional Water Management Plan, Fresno-Area Regional Groundwater Management Plan, and City of Fresno Metropolitan Water Resource Management Plan and cites the findings of the City of Fresno Urban Water Management Plan (UWMP). The purpose of these management plans is to provide safe, adequate, and dependable water supplies to meet the future needs of the Kings Basin regions and the Fresno-Clovis metropolitan area in an economical manner; protect groundwater quality from further degradation and overdraft; and, provide a plan of reasonably implementable measures and facilities.

The City has indicated that groundwater wells, pump stations, recharge facilities, water treatment and distribution systems shall be expanded incrementally to mitigate increased water demands. One of the primary objectives of Fresno's future water supply plans detailed in Fresno's current UWMP is to balance groundwater operations through a host of strategies. Through careful planning, Fresno has designed a comprehensive plan to accomplish this objective by increasing surface water supplies and surface water treatment facilities, intentional recharge, and conservation, thereby reducing groundwater pumping. The City continually monitors impacts of land use changes and development project proposals on water supply facilities by assigning fixed demand allocations to each parcel by land use as currently zoned or proposed to be rezoned. The UWMP was made available for public review together with the MND for the proposed project.

Until 2004, groundwater was the sole source of water for the City. In June 2004, a \$32 million Surface Water Treatment Facility ("SWTF") began providing Fresno with water treated to drinking water standards. A second surface water treatment facility is planned for 2015 in southeast Fresno to meet demands anticipated by the growth implicit in the 2025 Fresno General Plan. Surface water is used to replace lost groundwater through Fresno's artificial recharge program at the City-owned Leaky Acres and smaller facilities in Southeast Fresno. Fresno holds entitlements to surface water from Millerton Lake and Pine Flat Reservoir. In 2006, Fresno renewed its contract with the United States Bureau of Reclamation, through the year 2045, which entitles the City to 60,000 acre-feet per year of Class 1 water. This water supply has further increased the reliability of Fresno's water supply.

Also, in 2006, Fresno updated its Metropolitan Water Resources Management Plan designed to ensure the Fresno metro area has a reliable water supply through 2050. The plan implements a conjunctive use program, combining groundwater, treated surface water, artificial recharge and an enhanced water conservation program.

In the near future, groundwater will continue to be an important part of the City's supply but will not be relied upon as heavily as has historically been the case. The City is planning to rely on expanding their delivery and treatment of surface water supplies and groundwater recharge activities.

In addition, the General Plan policies require the City to maintain a comprehensive conservation program to help reduce per capita water usage, and includes conservation programs such as landscaping standards for drought tolerance, irrigation control devices, leak detection and retrofits, water audits, public education and implementing US Bureau of Reclamation Best Management Practices for water conservation to maintain surface water entitlements.

Implementation of the Fresno General Plan policies, the Kings Basin Integrated Regional Water Management Plan, City of Fresno UWMP, Fresno-Area Regional Groundwater Management Plan, and City of Fresno Metropolitan Water Resource Management Plan and the applicable mitigation measures of approved environmental review documents will address the issues of providing an adequate, reliable, and sustainable water supply for the project's urban domestic and public safety consumptive purposes. The recently adopted 2015 UWMP analyzed the Fresno General Plans land use capacity.

The applicant will be required to comply with all requirements of the City of Fresno Department of Public Utilities that will reduce the project's water impacts to less than significant. When development permits are issued, the subject site will be required to pay drainage fees pursuant to the Drainage Fee Ordinance. The Fresno Metropolitan Flood Control District (FMFCD) has stated that the FMFCD system can accommodate the proposed request subject to several conditions of approval. In addition, the proposed project shall comply with the FMFCD Flood Plain Policy and the City of Fresno Floodplain Management Ordinance.

Fresno continues to periodically update its water management plans to ensure the cost-effective use of water resources and continued availability of groundwater and surface water supplies.

In accordance with the provisions of the Fresno General Plan and MEIR No. 2012111015 mitigation measures, project specific water supply and distribution requirements must assure that an adequate source of water is available to serve the project.

The Department of Public Utilities works with FMFCD to utilize suitable FMFCD ponding (drainage) basins for the groundwater recharge program, and works with the Fresno Irrigation District to ensure that the City's allotment of surface water is put to the best possible use for recharge.

There are otherwise no aspects of this project that will result in impacts to water supply or quality beyond those analyzed in the MEIR SCH No. 2012111015.

In conclusion, with implementation of the project specific mitigation measures identified below, the project will not result in a less than significant impact.

### Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the utilities and service systems related mitigation measures as identified in the attached MEIR No. SCH 2012111015 Fresno General Plan Mitigation Monitoring Checklist dated May 5, 2017.
2. The proposed project shall implement and incorporate the hydrology and water quality related measures as identified in the attached Project Specific Mitigation Monitoring Checklist dated May 5, 2017.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
X. LAND USE AND PLANNING - Would the project:				
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X



c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X
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The subject property is currently located within the County of Fresno and consists of primarily vacant and historically agricultural land, which has remained fallow for nearly a decade. The Fresno General Plan and the McLane Community Plan designate the subject property for Medium Low Density (3.5-6 du/acre) Residential planned land uses. The subject rezone application proposes to change zoning from the AE-20 (*Agricultural Exclusive, 20 acres—Fresno County*) zone district to the City of Fresno RS-4/UGM (*Residential Single Family, Medium Low Density/Urban Growth Management*) zone district.

Based upon the residentially planned land use density and acreage allocations currently designated by the Fresno General Plan, the subject property is expected to yield approximately 100.8-172.8 dwelling units. Vesting Tentative Tract Map No. 5434/UGM proposes to subdivide the subject property into 140 single family residential lots for future development. These figures demonstrate that development in accordance with Vesting Tentative Tract Map No. 5434/UGM will not, in fact, result in an intensification of residential units on the subject property beyond that previously conceived by the Fresno General Plan or MEIR.

The goals and policies of the Fresno General Plan direct the City of Fresno to identify areas for growth through self-supporting communities and efficient infrastructure and considering strategies for accepting future growth.

The proposed project and subject site are located within the area identified as Growth Area 1 depicted in Figure IM-2 of the General Plan. Furthermore, the proposed project will be obligated to pay fair and proportional payment of fees and all development mitigation costs. Therefore, the proposed project complies with the policies contained within the Fresno General Plan Strategic Sequencing of Development, which focus on new infill development as well as new development within the area identified as Growth Area 1.

Additional policies of the Fresno General Plan respective to growth and annexations focus on: (1) Making full use of existing infrastructure, and investment in improvements to increase competitiveness and promote economic growth; (2) The promotion of orderly land use development in pace with public facilities and services needed to serve development; and, (3) Supporting annexations to the City only when such proposals conform to the General Plan Land Use Designations and open space and park system, and are revenue neutral and cover all costs for public infrastructure, public facilities and public services on an ongoing basis consistent with the requirements of ED-5-b.

The Fresno General Plan MEIR addresses the major issues from “subsequent projects” for identified growth areas.

Therefore, it is staff’s determination that the proposed project is a “subsequent project” for growth areas identified within the Fresno General Plan and that the project will not conflict with any applicable land use plan, policy or regulation of the City of Fresno. The proposed project is found; (1) To be consistent with the applicable Fresno General Plan and McLane Community Plan; (2) To be suitable for the type and density of development designated by the applicable land use plans for the subject property and its vicinity; (3) To be safe from potential cause or introduction of serious public health problems; and, (4) To not conflict with any public interests in the subject property or adjacent lands.

The project will not conflict with any conservation plans since it is not located within any conservation plan areas.

No habitat conservation plans or natural community conservation plans in the region pertain to the natural resources that exist on the subject site or in its immediate vicinity. Therefore, there would be no impacts.

In conclusion, the proposed project is fully within the scope of the Fresno General Plan would not result in any land use and planning environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
XI. MINERAL RESOURCES -- Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

The subject site is not located in an area designated for mineral resource preservation or recovery, therefore, will not result in the loss of availability of a known mineral

resource that would be of value to the region and the residents of the state. The subject site is not delineated on a local general plan, specific plan or other land use plan as a locally-important mineral resource recovery site; therefore it will not result in the loss of availability of a locally-important mineral resource.

In conclusion, the proposed project would not result in any mineral resource environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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?			X	
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?			X	
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X	

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X

Generally, the three primary sources of substantial noise that affect the City of Fresno and its residents are transportation-related and consist of major streets and regional highways; airport operations at the Fresno Yosemite International, the Fresno-Chandler Downtown, and the Sierra Sky Park Airports; and railroad operations along the BNSF Railway and the Union Pacific Railroad lines.

In developed areas of the community, noise conflicts often occur when a noise sensitive land use is located adjacent or in proximity to a noise generator. Noise in these situations frequently stems from on-site operations, use of outdoor equipment, uses where large numbers of persons assemble, and vehicular traffic. Some land uses, such as residential dwellings, hospitals, office buildings and schools, are considered noise sensitive receptors and involve land uses associated with indoor and/or outdoor activities that may be subject to stress and/or significant interference from noise.

Stationary noise sources can also have an effect on the population, and unlike mobile, transportation-related noise sources, these sources generally have a more permanent and consistent impact on people. These stationary noise sources involve a wide spectrum of uses and activities, including various industrial uses, commercial operations, agricultural production, school playgrounds, high school football games, HVAC units, generators, lawn maintenance equipment and swimming pool pumps.

Potential noise sources at the project site would occur primarily from roadway noise from North Temperance and East McKinley Avenues along the respective frontages of the subject site.

The City of Fresno Noise Element of the Fresno General Plan establishes a land use compatibility criterion of 60dB DNL for exterior noise levels in outdoor areas of noise-sensitive land uses. The intent of the exterior noise level requirement is to provide an acceptable noise environment for outdoor activities and recreation. Furthermore, the Noise Element also requires that interior noise levels attributable to exterior noise sources not exceed 45 dB DNL. The intent of the interior noise level standard is to provide an acceptable noise environment for indoor communication and sleep.

For stationary noise sources, the noise element establishes noise compatibility criteria in terms of the exterior hourly equivalent sound level ( $L_{eq}$ ) and maximum sound level ( $L_{max}$ ). The standards are more restrictive during the nighttime hours, defined as 10:00 p.m. to 7:00 a.m. The standards may be adjusted upward (less restrictive) if the existing ambient noise level without the source of interest already exceeds these standards. The Noise Element standards for stationary noise sources are: (1) 50 dBA  $L_{eq}$  for the daytime and 45 dBA  $L_{eq}$  for the nighttime hourly equivalent sound levels; and, (2) 70 dBA  $L_{max}$  for the daytime and 65 dBA  $L_{max}$  for the nighttime maximum sound levels.

Noise created by new proposed stationary noise sources or existing stationary noise sources which undergo modification that may increase noise levels shall be mitigated so as not to exceed the noise level standards of Table 9 (Table 5.11-8 of the MEIR) at noise sensitive land uses. If the existing ambient noise levels equal or exceed these levels, mitigation is required to limit noise to the ambient noise level plus 5 dB.

The project site is currently vacant. Therefore, it is reasonable to assume that the proposed project will result in an increase in temporary and/or periodic ambient noise levels on the subject property above existing levels. However, these noise levels will not exceed those generated by adjacent existing or planned land uses.

Pursuant to Policy H-1-b of the Fresno General Plan, for purposes of City analyses of noise impacts, and for determining appropriate noise mitigation, a significant increase in ambient noise levels is assumed if the project causes ambient noise levels to exceed the following: (1) The ambient noise level is less than 60 db Ldn and the project increase noise levels by 5 dB or more; (2) The ambient noise level is 60-65 dB Ldn and the project increases noise levels by 3 dB or more; or, (3) The ambient noise level is greater than 65 dB Ldn and the project increases noise levels by 1.5 dB or more.

### Short Term Noise Impacts

The construction of a project involves both short-term, construction related noise, and long term noise potentially generated by increases in area traffic, nearby stationary sources, or other transportation sources. The Fresno Municipal Code (FMC) allows for construction noise in excess of standards if it complies with the section below (Chapter

10, Article 1, Section 10-109 – Exemptions). It states that the provisions of Article 1 – Noise Regulations of the FMC shall not apply to:

Construction, repair or remodeling work accomplished pursuant to a building, electrical, plumbing, mechanical, or other construction permit issued by the city or other governmental agency, or to site preparation and grading, provided such work takes place between the hours of 7:00 a.m. and 10:00 p.m. on any day except Sunday.

Thus, construction activity would be exempt from City of Fresno noise regulations, as long as such activity is conducted pursuant to an applicable construction permit and occurs between 7:00 a.m. and 10:00 p.m., excluding Sunday. Therefore, short-term construction impacts associated with the exposure of persons to or the generation of noise levels in excess of standards established in the general plan or noise ordinance or applicable standards of other agencies would be less than significant.

#### Groundborne Vibrations and Groundborne Noise Impacts

The construction of the project could involve short-term, construction related groundborne vibrations and groundborne noise. The FMC does not set standards for groundborne vibration. The MEIR for the Fresno General Plan references Caltrans standards to determine impacts. Caltrans considers a peak-particle velocity (ppv) threshold of .04 inches per second (in/sec) for continuous vibration as the minimum perceptible level for human annoyance of groundborne vibration. Continuous/frequent vibrations in excess of .10 in/sec ppv is defined as distinctly perceptible, with levels of .4 in/sec ppv can be expected to result in severe annoyance to people. Ground vibration generated by common construction equipment, including large tractors and loaded trucks, ranges from 0.089 ppv (in/sec) to 0.003 ppv (in/sec) at 25 feet. Given that much of the construction will take place more than 25 feet away from neighboring properties and the threshold for severe annoyance is so much higher than what is expected of construction equipment (.4 compared to .089) the project's impact of groundborne vibrations is less than significant.

#### Long Term Noise Impacts

The subject property is planned for Medium Low Density Residential and will be will be zoned RS-4/UGM, which allows for residential developments. The immediate vicinity consists of primarily rural residential users, which have similar noise level requirements during the day. Although the project will create additional activity in the area, the project will be required to comply with all noise policies from the Fresno General Plan and and MEIR as well as the noise ordinance of the FMC.

In conclusion, the proposed project would not result in any noise environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
XIII. POPULATION AND HOUSING -- Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

The subject site is designated for Medium Low Density (3.5-6 du/acre) Residential planned land uses by the Fresno General Plan and the McLane Community Plan. It is currently located within the County of Fresno and consists of primarily vacant agricultural land. The subject rezone proposes to change to zoning from the AE-20 (*Agricultural Exclusive, 20 acres—Fresno County*) zone district to the City of Fresno RS-4/UGM (*Residential Single Family, Medium Low Density/Urban Growth Management*) zone district. Although the project will be intensifying the use of the site, development will occur at an intensity and scale that is permitted by the proposed RS-4 zone district and the Medium Low Density Residential planned land use.

Based upon the residentially planned land use, density, and acreage allocations currently designated by the Fresno General Plan, the subject property could theoretically yield approximately 100.8-172.9 dwelling units. Vesting Tentative Tract Map No. 5434/UGM proposes to subdivide an approximate 28.81 net acre portion of the subject property into 140 single family residential lots for future development. Thus, the development of the subject site with single family residential uses, as permitted within the proposed RS-4 zone district, at a density consistent with the Medium Low Density Residential planned land use designation will not facilitate an additional intensification of

uses beyond that which would be allowed by the above-noted planned land use designation or beyond that previously conceived by the Fresno General Plan or MEIR.

Properties within the immediate vicinity of the subject property are planned for, and have predominately been approved for Medium, Medium Low, and Low Density Residential uses at an intensity and scale designated by the Fresno General Plan. There is one existing rural residential property on the subject site. Therefore the proposed project does not have the potential to displace substantial numbers of existing housing or residents and will not either directly or indirectly induce substantial population growth in the area.

In conclusion, the proposed project would not result in any population and housing environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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 ratios, response times or other performance objectives for any of the public services:				
Fire protection?			X	
Police protection?			X	
Drainage and flood control?		X		
Parks?			X	
Schools?			X	
Other public services?			X	



The Department of Public Utilities has reviewed the proposed project and has determined that adequate sewer, water, and solid waste facilities are available subject to compliance with the conditions submitted by the Department of Public Utilities for this project. City police services are also available to serve the proposed project.

The majority of the lots within the proposed subdivision are located more than 3 miles from the existing Fire Station No. 10. However, as allowed by UGM Ordinance Section 12-4.508, a total of 5,000 single family homes may be constructed between a 3-5 mile response distance from an existing fire station when fire sprinklers are installed in the homes. Therefore, impacts to fire protection would be less than significant with the incorporation of mitigation measures mentioned above.

The FMFCD indicated that the subject site appears to be located within a flood prone area. Furthermore, FMFCD indicated that permanent drainage facilities are not currently available to serve the proposed project and has required construction of temporary ponding facilities to collect and store surface runoff until permanent service is available. In addition, storm drainage and FMFCD Master Plan facilities shall be constructed by the developer in accordance with District requirements as detailed in its memorandum dated April 4, 2017.

These departments and agencies have all submitted conditions that will be required as Conditions of Approval for the subject site. These conditions of approval will ensure that the proposed project will have a less than significant impact to urban services. All conditions of approval must be complied with prior to occupancy.

Due to the consistency of the proposed project with planned residential densities designated and projected by the Fresno General Plan and MEIR, demand for parks generated by the project is within planned services levels of the City of Fresno Parks and Community Services Department and the applicant will pay any required impact fees at the time building permits are obtained.

Any future development occurring as a result of the proposed project may have an effect on the District's student housing capacity. The District, through local funding, is in a position to mitigate its shortage of classrooms to accommodate planned population growth for the foreseeable future. However, the District recognizes that the legislature, as a matter of law, has deemed under Government Code Section 65996, that all school facilities impacts are mitigated as a consequence of SB 50 Level 1, 2 and 3 developer fee legislative provisions. The developer will pay appropriate impact fees at time of building permits.

Therefore, although an increase in run-off is expected as a result of the project, with project specific mitigation and MEIR mitigation, there shall be less than significant impacts to public service systems will result from the project.

### Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the public services related mitigation measures as identified in the attached MEIR No. SCH 2012111015 Fresno General Plan Mitigation Monitoring Checklist dated May 5, 2017.
2. The proposed project shall implement and incorporate the public services quality related measures as identified in the attached Project Specific Mitigation Monitoring Checklist dated May 5, 2017.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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?			X	
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?			X	X

The proposed project will not result in the physical deterioration of existing parks or recreational facilities; and, will not require expansion of existing recreational facilities or affect recreational services beyond what was analyzed in the MEIR for the Fresno General Plan. The applicant, however, will provide a Class I multi-purpose trail facilities along North Temperance Avenue.

In conclusion, the proposed project would not result in any recreation environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?			X	
b) Conflict with an applicable congestion management program, including but not limited to level of service standards and travel demand measures or other standards established by the county congestion management agency for designated roads or highways?				X
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that result in substantial safety risks?				X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Result in inadequate emergency access?				X
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?				X

The subject site is located on the northeast corner of North Temperance and East McKinley Avenues. The Fresno General Plan Circulation Element designates North Temperance Avenue as a six-lane Super Arterial street, which has a primary purpose of moving multiple modes of travel traffic to and from major traffic generators and among subregions; East McKinley Avenue is designated as a three-lane collector street, which has a primary function of connecting local streets and arterials and neighborhood traffic generators and providing access to abutting properties. Development of the proposed project will be required to dedicate and construct all necessary improvements to City Standards along all major street frontages and on all interior local streets within the subdivision.

This subdivision has been designed to include two street access points; one from and to North Temperance Avenue and one from and to East McKinley Avenue. The two access points will provide better connectivity and vehicle trip distribution from and through the proposed development. The intersection of Temperance and University Avenues shall be limited to right-in and right-out turns. The interior local public streets have been proposed to be dedicated in accordance with the Department of Public Works' 50-foot right-of-way residential street geometric standard, which utilizes a 36-foot wide street section with parking and sidewalks on both sides of the street. Additionally, stub streets have been afforded which will foster and provide future access and connectivity between the subject property and adjacent properties to the east of the proposed project.

The proposed project is located within Traffic Impact Zone III pursuant to Figure MT-4 of the Fresno General Plan, which generally represents areas near or outside the City Limits but within the Sphere of Influence (SOI) as of December 31, 2012. In accordance with Fresno General Plan Policy MT-2-I, a Traffic Impact Study (TIS) was prepared to assess the impacts of the new development on existing and planned streets. This assessment evaluated the impacts of the project by analyzing six

intersections in the vicinity of the project during the AM and PM peak hours.

Vehicle trips projected to be generated by the proposed project were calculated using the Institute of Traffic Engineers (ITE) Trip Generation Manual, 9<sup>th</sup> Edition. Based upon the calculations, the proposed project is projected to generate 104 vehicle trips during the morning (7 to 9 a.m.) peak hour travel period and 138 vehicle trips during the evening (4 to 6 p.m.) peak hour travel period.

Based upon the information evaluated, the Public Works Department has determined that the streets within, adjacent to and near the subject site will be able to accommodate the quantity and kind of traffic which may be potentially generated subject to the requirements stipulated within the memoranda from the Traffic Engineering Manager dated June 27, 2017. Additionally, the proposed project will be required to comply with the standard requirements, policies and procedures of the Public Works Department, which generally include: (1) Adjacent public street improvements, and right-of-way dedications (including, but not limited to, construction and/or modification of curbs, sidewalks, ramps and driveway approaches along adjacent public street frontages and on interior local streets); (2) Installation of underground street lighting systems; and, (3) Payment of applicable impact fees (including, but not limited to, the Traffic Signal Mitigation Impact (TSMI) Fee, Fresno Major Street Impact (FMSI) Fee, and the Regional Transportation Mitigation Fee (RTMF) Fee.

Therefore, the Public Works Department/Traffic Engineering Division has determined that, based upon the proposed traffic yield from and the expected traffic generation of the proposed project for the subject property, the proposed project will not adversely impact the existing and projected circulation system based upon implementation of the mitigation measures included within the MEIR and based upon compliance with the project specific mitigation measures referenced herein below.

The area street plans are the product of careful planning that projects traffic capacity needs based on the densities and intensities of planned land uses anticipated at build-out of the planned area. These streets will provide adequate access to, and recognize the traffic generating characteristics of, individual properties and, at the same time, afford the community an adequate and efficient circulation system; no substantial increase in transportation or traffic is expected to result.

In conclusion, the proposed project is fully within the scope of the Fresno General Plan would not result in any transportation/traffic environmental impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>

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

The proposed project would not cause a substantial adverse change in the significance of a tribal cultural resource defined in PRC section 21074. The proposed project site is not listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in PRC section 5020.1(k) or a significant

resource to a California Native American tribe. The proposed site is vacant and is surrounded by other similar uses.

In conclusion, with MEIR mitigation measures incorporated, the project will not result in any tribal cultural resource impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
XVIII. UTILITIES AND SERVICE SYSTEMS -- Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X
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?		X		
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?		X		
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?			X	

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				X
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				X
g) Comply with federal, state, and local statutes and regulations related to solid waste?				X

The Department of Public Utilities has determined that adequate sanitary sewer and water services will be available to serve the proposed project subject to the payment of any applicable connection charges and/or fees and extension of services in a manner which is compliant with the Department of Public Utilities standards, specifications, and policies and, compliance with the conditions listed in their memorandums dated April 10, 2017.

Sanitary sewer and water service delivery is also subject to payment of applicable connection charges and/or fees; compliance with the Department of Public Utilities standards, specifications, and policies; the rules and regulations of the California Public Utilities Commission and California Health Services; and, implementation of the City-wide program for the completion of incremental expansions to facilities for planned water supply, treatment, and storage.

The project site will be serviced by solid waste division and will have water and sewer facilities available subject to the conditions stipulated for the proposed project.

The proposed project is not expected to exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board, and will not result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, or result in the construction of new storm water drainage facilities or expansion of existing facilities.



The Fresno Metropolitan Flood Control District (FMFCD) indicated that the subject site is located within a flood prone area. Furthermore, FMFCD indicated that permanent drainage facilities are not currently available to serve the proposed project and has required construction of temporary ponding facilities to collect and store surface runoff until permanent service is available. The proposed project can be accommodated by the district provided the developer comply with FMFCD requirements as detailed in its memorandum dated April 4, 2017, including construction of Master Plan Facilities. In addition, the proposed project shall comply with the FMFCD Flood Plain Policy and the City of Fresno Floodplain Management Ordinance.

Therefore, although an increase in run-off is expected as a result of the project, with project specific mitigation and MEIR mitigation, no significant impacts to utilities and service systems will result from the project.

#### Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the utilities and service systems related mitigation measures as identified in the attached MEIR No. SCH 2012111015 Fresno General Plan Mitigation Monitoring Checklist dated May 5, 2017.
2. The proposed project shall implement and incorporate, as applicable, the utilities and service systems related mitigation measures as noted in the attached Project Specific Monitoring Checklist dated May 5, 2017.

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. MANDATORY FINDINGS OF SIGNIFICANCE --				

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?				X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?				X

The proposed project is considered to be proposed at a size and scope which is neither a direct or indirect detriment to the quality of the environment through reductions in habitat, populations, or examples of local history (through either individual or cumulative impacts).

The proposed project does not have the potential to degrade the quality of the environment or reduce the habitat of wildlife species and will not threaten plant

communities or endanger any floral or faunal species. Furthermore the project has no potential to eliminate important examples of major periods in history.

Therefore, as noted in preceding sections of this Initial Study, there is no evidence in the record to indicate that incremental environmental impacts facilitated by this project would be cumulatively significant. There is also no evidence in the record that the proposed project would have any adverse impacts directly, or indirectly, on human beings.

In summary, given the mitigation measures required of the proposed project and the analysis detailed in the preceding Initial Study, the proposed project:

- Does not have environmental impacts which will cause substantial adverse effects on human beings, either directly nor indirectly.
- Does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish/wildlife or native plant species (or cause their population to drop below self-sustaining levels), does not threaten to eliminate a native plant or animal community, and does not threaten or restrict the range of a rare or endangered plant or animal.
- Does not eliminate important examples of elements of California history or prehistory.
- Does not have impacts which would be cumulatively considerable even though individually limited.

Therefore, there are no mandatory findings of significance and preparation of an Environmental Impact Report is not warranted for this project.

## MEIR Mitigation Measure Monitoring Checklist

# MEIR Mitigation Measure Monitoring Checklist for EA No. R-04-098/T-5434/ANX-17-002

May 5, 2017

## INCORPORATING MEASURES FROM THE MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) CERTIFIED FOR THE CITY OF FRESNO GENERAL PLAN UPDATE (SCH No. 2012111015)

This mitigation measure monitoring and reporting checklist was prepared pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15097 and Section 21081.6 of the Public Resources Code (PRC). It was certified as part of the Fresno City Council's approval of the MEIR for the Fresno General Plan update (Fresno City Council Resolution 2014-225, adopted December 18, 2014).

Letter designations to the right of each MEIR mitigation measure listed in this Exhibit note how the mitigation measure relates to the environmental assessment of the above-listed project, according to the key found at right and at the bottoms of the following pages:

- A** - Incorporated into Project
- B** - Mitigated
- C** - Mitigation in Progress
- D** - Responsible Agency Contacted
- E** - Part of City-wide Program
- F** - Not Applicable

The timing of implementing each mitigation measure is identified in in the checklist, as well as identifies the entity responsible for verifying that the mitigation measures applied to a project are performed. Project applicants are responsible for providing evidence that mitigation measures are implemented. As lead agency, the City of Fresno is responsible for verifying that mitigation is performed/completed.

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>AES-1.</b> Lighting systems for street and parking areas shall include shields to direct light to the roadway surfaces and parking areas. Vertical shields on the light fixtures shall also be used to direct light away from adjacent light sensitive land uses such as residences.  <b>Verification comments:</b>	Prior to issuance of building permits	Public Works Department (PW) and Development & Resource Management Dept. (DARM)	X					

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Aesthetics</b> <i>(continued)</i> :								
<b>AES-2:</b> Lighting systems for public facilities such as active play areas shall provide adequate illumination for the activity; however, low intensity light fixtures and shields shall be used to minimize spillover light onto adjacent properties.  <b>Verification comments:</b>	Prior to issuance of building permits	DARM						X
<b>AES-3:</b> Lighting systems for non-residential uses, not including public facilities, shall provide shields on the light fixtures and orient the lighting system away from adjacent properties. Low intensity light fixtures shall also be used if excessive spillover light onto adjacent properties will occur.  <b>Verification comments:</b>	Prior to issuance of building permits	DARM	X					
<b>AES-4:</b> Lighting systems for freestanding signs shall not exceed 100 foot Lamberts (FT-L) when adjacent to streets which have an average light intensity of less than 2.0 horizontal footcandles and shall not exceed 500 FT-L when adjacent to streets which have an average light intensity of 2.0 horizontal footcandles or greater.  <b>Verification comments:</b>	Prior to issuance of building permits	DARM	X					

A - Incorporated into Project  
B - Mitigated

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D - Responsible Agency Contacted

E - Part of City-Wide Program  
F - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Aesthetics** *(continued)*:

<b>AES-5:</b> Materials used on building facades shall be non-reflective.  <b>Verification comments:</b>	Prior to development project approval	DARM	X					

**Air Quality:**

<b>AIR-1:</b> Projects that include five or more heavy-duty truck deliveries per day with sensitive receptors located within 300 feet of the truck loading area shall provide a screening analysis to determine if the project has the potential to exceed criteria pollutant concentration based standards and thresholds for NO <sub>2</sub> and PM <sub>2.5</sub> . If projects exceed screening criteria, refined dispersion modeling and health risk assessment shall be accomplished and if needed, mitigation measures to reduce impacts shall be included in the project to reduce the impacts to the extent feasible. Mitigation measures include but are not limited to: <ul style="list-style-type: none"> <li>• Locate loading docks and truck access routes as far from sensitive receptors as reasonably possible considering site design limitations to comply with other City design standards.</li> <li>• Post signs requiring drivers to limit idling to 5 minutes or less.</li> </ul> <b>Verification comments:</b>	Prior to development project approval	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Air Quality** *(continued)*:

<p><b>AIR-2:</b> Projects that result in an increased cancer risk of 10 in a million or exceed criteria pollutant ambient air quality standards shall implement site-specific measures that reduce toxic air contaminant (TAC) exposure to reduce excess cancer risk to less than 10 in a million. Possible control measures include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Locate loading docks and truck access routes as far from sensitive receptors as reasonably possible considering site design limitations to comply with other City design standards.</li> <li>• Post signs requiring drivers to limit idling to 5 minutes or less</li> <li>• Construct block walls to reduce the flow of emissions toward sensitive receptors</li> <li>• Install a vegetative barrier downwind from the TAC source that can absorb a portion of the diesel PM emissions</li> <li>• For projects proposing to locate a new building containing sensitive receptors near existing sources of TAC emissions, install HEPA filters in HVAC systems to reduce TAC emission levels exceeding risk thresholds.</li> <li>• Install heating and cooling services at truck stops to eliminate the need for idling during overnight stops to run onboard systems.</li> </ul> <p><i>(continued on next page)</i></p>	Prior to development project approval	DARM						X
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MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Air Quality** *(continued)*:

<b>AIR-2</b> <i>(continued from previous page)</i> <ul style="list-style-type: none"> <li>For large distribution centers where the owner controls the vehicle fleet, provide facilities to support alternative fueled trucks powered by fuels such as natural gas or bio-diesel</li> <li>Utilize electric powered material handling equipment where feasible for the weight and volume of material to be moved.</li> </ul> <b>Verification comments:</b>	<i>[see previous page]</i>	<i>[see previous page]</i>						
<b>AIR-3:</b> Require developers proposing projects on ARB's list of projects in its Air Quality and Land Use Handbook (Handbook) warranting special consideration to prepare a cumulative health risk assessment when sensitive receptors are located within the distance screening criteria of the facility as listed in the ARB Handbook. <b>Verification comments:</b>	Prior to development project approval	DARM						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Air Quality** *(continued)*:

<b>AIR-4:</b> Require developers of projects containing sensitive receptors to provide a cumulative health risk assessment at project locations exceeding ARB Land Use Handbook distance screening criteria or newer criteria that may be developed by the San Joaquin Valley Air Pollution Control District (SJVAPCD).  <b>Verification comments:</b>	Prior to development project approval	DARM						X
<b>AIR-5:</b> Require developers of projects with the potential to generate significant odor impacts as determined through review of SJVAPCD odor complaint history for similar facilities and consultation with the SJVAPCD to prepare an odor impact assessment and to implement odor control measures recommended by the SJVAPCD or the City to the extent needed to reduce the impact to less than significant.  <b>Verification comments:</b>	Prior to development project approval	DARM						X

**A** - Incorporated into Project  
**B** - Mitigated

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**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Biological Resources:**

<p><b>BIO-1:</b> Construction of a proposed project should avoid, where possible, vegetation communities that provide suitable habitat for a special-status species known to occur within the Planning Area. If construction within potentially suitable habitat must occur, the presence/absence of any special-status plant or wildlife species must be determined prior to construction, to determine if the habitat supports any special-status species. If special-status species are determined to occupy any portion of a project site, avoidance and minimization measures shall be incorporated into the construction phase of a project to avoid direct or incidental take of a listed species to the greatest extent feasible.</p> <p><b>Verification comments:</b></p>	Prior to development project approval	DARM	X					
<p><b>BIO-2:</b> Direct or incidental take of any state or federally listed species should be avoided to the greatest extent feasible. If construction of a proposed project will result in the direct or incidental take of a listed species, consultation with the resources agencies and/or additional permitting may be required. Agency consultation through the California Department of Fish and Wildlife (CDFW) 2081 and U.S. Fish and Wildlife Service (USFWS) Section 7 or Section 10 permitting processes must take place prior to any action that</p> <p><i>(continued on next page)</i></p>	Prior to development project approval	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Biological Resources** *(continued):*

<p><b>BIO-2</b> <i>(continued from previous page)</i></p> <p>may result in the direct or incidental take of a listed species. Specific mitigation measures for direct or incidental impacts to a listed species will be determined on a case-by-case basis through agency consultation.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
<p><b>BIO-3:</b> Development within the Planning Area should avoid, where possible, special-status natural communities and vegetation communities that provide suitable habitat for special-status species. If a proposed project will result in the loss of a special-status natural community or suitable habitat for special-status species, compensatory habitat-based mitigation is required under CEQA and the California Endangered Species Act (CESA). Mitigation will consist of preserving on-site habitat, restoring similar habitat or purchasing off-site credits from an approved mitigation bank. Compensatory mitigation will be determined through consultation with the City and/or resource agencies. An appropriate mitigation strategy and ratio will be agreed upon by the developer and lead agency to reduce project impacts to special-status natural communities to a less than significant</p> <p><i>(continued on next page)</i></p>	Prior to development project approval	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Biological Resources** *(continued):*

<p><b>BIO-3</b> <i>(continued from previous page):</i></p> <p>level. Agreed-upon mitigation ratios will depend on the quality of the habitat and presence/absence of a special-status species. The specific mitigation for project level impacts will be determined on a case-by-case basis.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
<p><b>BIO-4:</b> Proposed projects within the Planning Area should avoid, if possible, construction within the general nesting season of February through August for avian species protected under Fish and Game Code 3500 and the Migratory Bird Treaty Act (MBTA), if it is determined that suitable nesting habitat occurs on a project site. If construction cannot avoid the nesting season, a pre-construction clearance survey must be conducted to determine if any nesting birds or nesting activity is observed on or within 500-feet of a project site. If an active nest is observed during the survey, a biological monitor must be on site to ensure that no proposed project activities would impact the active nest. A suitable buffer will be established around the active nest until the nestlings have fledged and the nest is no longer active. Project activities</p> <p><i>(continued on next page)</i></p>	Prior to development project approval and during construction activities	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F

**Biological Resources** *(continued)*:

<b>BIO-4</b> <i>(continued from previous page)</i> : may continue in the vicinity of the nest only at the discretion of the biological monitor. <b>Verification comments:</b>	[see previous page]	[see previous page]						
			X					
<b>BIO-5:</b> If a proposed project will result in the removal or impact to any riparian habitat and/or a special-status natural community with potential to occur in the Planning Area, compensatory habitat-based mitigation shall be required to reduce project impacts. Compensatory mitigation must involve the preservation or restoration or the purchase of off-site mitigation credits for impacts to riparian habitat and/or a special-status natural community. Mitigation must be conducted in-kind or within an approved mitigation bank in the region. The specific mitigation ratio for habitat-based mitigation will be determined through consultation with the appropriate agency ( <i>i.e.</i> , CDFW or USFWS) on a case-by-case basis. <b>Verification comments:</b>	Prior to development project approval	DARM						

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Biological Resources** *(continued)*:

<p><b>BIO-6:</b> Project impacts that occur to riparian habitat may also result in significant impacts to streambeds or waterways protected under Section 1600 of Fish and Wildlife Code and Section 404 of the CWA. CDFW and/or USACE consultation, determination of mitigation strategy, and regulatory permitting to reduce impacts, as required for projects that remove riparian habitat and/or alter a streambed or waterway, shall be implemented.</p> <p><b>Verification comments:</b></p>	Prior to development project approval	DARM	X					
<p><b>BIO-7:</b> Project-related impacts to riparian habitat or a special-status natural community may result in direct or incidental impacts to special-status species associated with riparian or wetland habitats. Project impacts to special-status species associated with riparian habitat shall be mitigated through agency consultation, development of a mitigation strategy, and/or issuing incidental take permits for the specific special-status species, as determined by the CDFW and/or USFWS.</p> <p><b>Verification comments:</b></p>	Prior to development project approval	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Biological Resources** *(continued)*:

<p><b>BIO-8:</b> If a proposed project will result in the significant alteration or fill of a federally protected wetland, a formal wetland delineation conducted according to U.S. Army Corps of Engineers (USACE) accepted methodology is required for each project to determine the extent of wetlands on a project site. The delineation shall be used to determine if federal permitting and mitigation strategy are required to reduce project impacts. Acquisition of permits from USACE for the fill of wetlands and USACE approval of a wetland mitigation plan would ensure a “no net loss” of wetland habitat within the Planning Area. Appropriate wetland mitigation/creation shall be implemented in a ratio according to the size of the impacted wetland.</p> <p><b>Verification comments:</b></p>	Prior to development project approval	DARM						X
<p><b>BIO-9:</b> In addition to regulatory agency permitting, Best Management Practices (BMPs) identified from a list provided by the USACE shall be incorporated into the design and construction phase of the project to ensure that no pollutants or siltation drain into a federally protected wetland. Project design features such as fencing, appropriate drainage and</p> <p><i>(continued on next page)</i></p>	Prior to development project approval; but for long-term operational BMPs, prior to issuance of occupancy	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable



MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Biological Resources** *(continued):*

<b>BIO-9</b> <i>(continued from previous page):</i> incorporating detention basins shall assist in ensuring project-related impacts to wetland habitat are minimized to the greatest extent feasible.  <b>Verification comments:</b>	<i>[see previous page]</i>	<i>[see previous page]</i>						
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**Cultural Resources:**

<b>CUL-1:</b> If previously unknown resources are encountered before or during grading activities, construction shall stop in the immediate vicinity of the find and a qualified historical resources specialist shall be consulted to determine whether the resource requires further study. The qualified historical resources specialist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines and the City's Historic Preservation Ordinance.  If the resources are determined to be unique historical resources as defined under Section 15064.5 of the CEQA Guidelines, measures shall be identified by the monitor and  <i>(continued on next page)</i>	Prior to commencement of, and during, construction activities	DARM	X					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Cultural Resources** *(continued)*:

<p><b>CUL-1</b> <i>(continued from previous page)</i></p> <p>recommended to the Lead Agency. Appropriate measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds.</p> <p>No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these. Any historical artifacts recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
<p><b>CUL-2:</b> Subsequent to a preliminary City review of the project grading plans, if there is evidence that a project will include excavation or construction activities within previously undisturbed soils, a field survey and literature search for prehistoric archaeological resources shall be conducted. The following procedures shall be followed.</p> <p>If prehistoric resources are not found during either the field survey or literature search, excavation and/or construction activities can commence. In the event that buried prehistoric</p> <p><i>(continued on next page)</i></p>	Prior to commencement of, and during, construction activities	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Cultural Resources** *(continued):*

<p><b>CUL-2</b> <i>(continued from previous page)</i></p> <p>archaeological resources are discovered during excavation and/or construction activities, construction shall stop in the immediate vicinity of the find and a qualified archaeologist shall be consulted to determine whether the resource requires further study. The qualified archaeologist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with CEQA Guidelines Section 15064.5.</p> <p>If the resources are determined to be unique prehistoric archaeological resources as defined under Section 15064.5 of the CEQA Guidelines, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any prehistoric archaeological artifacts recovered as a result of mitigation shall be provided</p> <p><i>(continued on next page)</i></p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Cultural Resources** *(continued)*:

<p><b>CUL-2</b> <i>(further continued from previous two pages)</i></p> <p>to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.</p> <p>If prehistoric resources are found during the field survey or literature review, the resources shall be inventoried using appropriate State record forms and submit the forms to the Southern San Joaquin Valley Information Center. The resources shall be evaluated for significance. If the resources are found to be significant, measures shall be identified by the qualified archaeologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds.</p> <p>In addition, appropriate mitigation for excavation and construction activities in the vicinity of the resources found during the field survey or literature review shall include an archaeological monitor. The monitoring period shall be determined by the qualified archaeologist. If additional prehistoric archaeological resources are found during</p> <p style="text-align: right;"><i>(continued on next page)</i></p>	[see Page 14]	[see Page 14]						
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**Cultural Resources** *(continued)*:

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>CUL-2</b> (further continued from previous three pages) excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed. <b>Verification comments:</b>	[see Page 14]	[see Page 14]						
<b>CUL-3:</b> Subsequent to a preliminary City review of the project grading plans, if there is evidence that a project will include excavation or construction activities within previously undisturbed soils, a field survey and literature search for unique paleontological/geological resources shall be conducted. The following procedures shall be followed: If unique paleontological/geological resources are not found during either the field survey or literature search, excavation and/or construction activities can commence. In the event that unique paleontological/geological resources are discovered during excavation and/or construction activities, construction shall stop in the immediate vicinity of the find and a qualified paleontologist shall be consulted to determine whether the resource requires further study. The qualified paleontologist shall make recommendations to the City on the measures that shall be implemented to protect the discovered  (continued on next page)	Prior to commencement of, and during, construction activities	DARM	X					

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
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**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<p><b>CUL-3</b> (continued from previous page)</p> <p>resources, including but not limited to, excavation of the finds and evaluation of the finds. If the resources are determined to be significant, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any paleontological/geological resources recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.</p> <p>If unique paleontological/geological resources are found during the field survey or literature review, the resources shall be inventoried and evaluated for significance. If the resources are found to be significant, mitigation measures shall be identified by the qualified paleontologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. In addition, appropriate mitigation for excavation and construction activities in the vicinity of the</p> <p style="text-align: right;">(continued on next page)</p>	[see previous page]	[see previous page]						

A - Incorporated into Project

B - Mitigated

C - Mitigation in Process

D - Responsible Agency Contacted

E - Part of City-Wide Program

F - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Cultural Resources** *(continued):*

<p><b>CUL-3</b> <i>(further continued from previous two pages)</i></p> <p>resources found during the field survey or literature review shall include a paleontological monitor. The monitoring period shall be determined by the qualified paleontologist. If additional paleontological/geological resources are found during excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed.</p> <p><b>Verification comments:</b></p>	[see Page 17]	[see Page 17]						
<p><b>CUL-4:</b> In the event that human remains are unearthed during excavation and grading activities of any future development project, all activity shall cease immediately. Pursuant to Health and Safety Code (HSC) Section 7050.5, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98(a). If the remains are determined to be of Native American descent, the coroner shall within 24 hours notify the Native American Heritage Commission (NAHC). The NAHC shall then contact the most</p> <p><i>(continued on next page)</i></p>	Prior to commencement of, and during, construction activities	DARM	X					

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**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Cultural Resources** *(continued):*

<p><b>CUL-4</b> <i>(continued from previous page)</i></p> <p>likely descendent of the deceased Native American, who shall then serve as the consultant on how to proceed with the remains.</p> <p>Pursuant to PRC Section 5097.98(b), upon the discovery of Native American remains, the landowner shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the Native American human remains are located is not damaged or disturbed by further development activity until the landowner has discussed and conferred with the most likely descendants regarding their recommendations, if applicable, taking into account the possibility of multiple human remains. The landowner shall discuss and confer with the descendants all reasonable options regarding the descendants' preferences for treatment.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]					
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**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable



MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hazards and Hazardous Materials**

<p><b>HAZ-1:</b> Re-designate the existing vacant land proposed for low density residential located northwest of the intersection of East Garland Avenue and North Dearing Avenue and located within Fresno Yosemite International Airport Zone 1-RPZ, to Open Space.</p> <p><b>Verification comments:</b></p>	Prior to development approvals	DARM						X
<p><b>HAZ-2:</b> Limit the proposed low density residential (1 to 3 dwelling units per acre) located northwest of the airport, and located within Fresno Yosemite International Airport Zone 3-Inner Turning Area, to 2 dwelling units per acre or less.</p> <p><b>Verification comments:</b></p>	Prior to development approvals	DARM						X
<p><b>HAZ-3:</b> Re-designate the current area within Fresno Yosemite International Airport Zone 5-Sideline located northeast of the airport to Public Facilities-Airport or Open Space.</p> <p><b>Verification comments:</b></p>	Prior to development approvals	DARM						X

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**B** - Mitigated

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**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hazards and Hazardous Materials** *(continued)*:

<b>HAZ-4:</b> Re-designate the current vacant lots at the northeast corner of Kearney Boulevard and South Thorne Avenue to Public Facilities-Airport or Open Space. <b>Verification comments:</b>	Prior to development approvals	DARM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>HAZ-5:</b> Prohibit residential uses within Safety Zone 1 northwest of the Hawes Avenue and South Thorne Avenue intersection. <b>Verification comments:</b>	Prior to development approvals	DARM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>HAZ-6:</b> Establish an alternative Emergency Operations Center in the event the current Emergency Operations Center is under redevelopment or blocked. <b>Verification comments:</b>	Prior to redevelopment of the current Emergency Operations Center	Fresno Fire Department and Mayor/ City Manager's Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Hydrology and Water Quality</b>								
<b>HYD-1:</b> The City shall develop and implement water conservation measures to reduce the per capita water use to 215 gallons per capita per day. <b>Verification comments:</b>	Prior to water demand exceeding water supply	Department of Public Utilities (DPU)					X	
<b>HYD-2:</b> The City shall continue to be an active participant in the Kings Water Authority and the implementation of the Kings Basin IRWMP. <b>Verification comments:</b>	Ongoing	DPU					X	
<b>HYD-5.1:</b> The City and partnering agencies shall implement the following measures to reduce the impacts on the capacity of existing or planned storm drainage Master Plan collection systems to less than significant. <ul style="list-style-type: none"> <li>Implement the existing Storm Drainage Master Plan (SDMP) for collection systems in drainage areas where the amount of imperviousness is unaffected by the change in land uses.</li> </ul> <p style="text-align: right;"><i>(continued on next page)</i></p>	Prior to exceedance of capacity of existing stormwater drainage facilities	Fresno Metropolitan Flood Control District (FMFCD), DARM, and PW					X	

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**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hydrology and Water Quality** *(continued)*:

<p><b>HYD-5.1</b> <i>(continued from previous page)</i></p> <ul style="list-style-type: none"> <li>Update the SDMP in those drainage areas where the amount of imperviousness increased due to the change in land uses to determine the changes in the collection systems that would need to occur to provide adequate capacity for the stormwater runoff from the increased imperviousness.</li> <li>Implement the updated SDMP to provide stormwater collection systems that have sufficient capacity to convey the peak runoff rates from the areas of increased imperviousness.</li> </ul> <p>Require developments that increase site imperviousness to install, operate, and maintain FMFCD approved on-site detention systems to reduce the peak runoff rates resulting from the increased imperviousness to the peak runoff rates that will not exceed the capacity of the existing stormwater collection systems.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hydrology and Water Quality** *(continued)*:

<p><b>HYD-5.2:</b> The City and partnering agencies shall implement the following measures to reduce the impacts on the capacity of existing or planned storm drainage Master Plan retention basins to less than significant:</p> <p>Consult the SDMP to analyze the impacts to existing and planned retention basins to determine remedial measures required to reduce the impact on retention basin capacity to less than significant. Remedial measures would include:</p> <ul style="list-style-type: none"> <li>• Increase the size of the retention basin through the purchase of more land or deepening the basin or a combination for planned retention basins.</li> <li>• Increase the size of the emergency relief pump capacity required to pump excess runoff volume out of the basin and into adjacent canal that convey the stormwater to a disposal facility for existing retention basins.</li> <li>• Require developments that increase runoff volume to install, operate, and maintain, Low Impact Development (LID) measures to reduce runoff volume to the runoff volume that will not exceed the capacity of the existing retention basins.</li> </ul> <p><b>Verification comments:</b></p>	Prior to exceedance of capacity of existing retention basin facilities	FMFCD, DARM, and PW					X	

**A** - Incorporated into Project  
**B** - Mitigated

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**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hydrology and Water Quality** *(continued)*:

<p><b>HYD-5.3:</b> The City and partnering agencies shall implement the following measures to reduce the impacts on the capacity of existing or planned storm drainage Master Plan urban detention (stormwater quality) basins to less than significant.</p> <p>Consult the SDMP to determine the impacts to the urban detention basin weir overflow rates and determine remedial measures required to reduce the impact on the detention basin capacity to less than significant. Remedial measures would include:</p> <ul style="list-style-type: none"> <li>• Modify overflow weir to maintain the suspended solids removal rates adopted by the FMFCD Board of Directors.</li> <li>• Increase the size of the urban detention basin to increase residence time by purchasing more land. The existing detention basins are already at the adopted design depth.</li> <li>• Require developments that increase runoff volume to install, operate, and maintain, Low Impact Development (LID) measures to reduce peak runoff rates and runoff volume to the runoff rates and volumes that will not exceed the weir overflow rates of the existing urban detention basins.</li> </ul> <p><b>Verification comments:</b></p>	Prior to exceedance of capacity of existing urban detention basin (stormwater quality) facilities	FMFCD, DARM, and PW					X	
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hydrology and Water Quality** *(continued)*:

<p><b>HYD-5.4:</b> The City shall implement the following measures to reduce the impacts on the capacity of existing or planned storm drainage Master Plan pump disposal systems to less than significant.</p> <ul style="list-style-type: none"> <li>• Consult the SDMP to determine the extent and degree to which the capacity of the existing pump system will be exceeded.</li> <li>• Require new developments to install, operate, and maintain FMFCD design standard on-site detention facilities to reduce peak stormwater runoff rates to existing planned peak runoff rates.</li> <li>• Provide additional pump system capacity to maximum allowed by existing permitting to increase the capacity to match or exceed the peak runoff rates determined by the SDMP.</li> </ul> <p><b>Verification comments:</b></p>	Prior to exceedance of capacity of existing pump disposal systems	FMFCD, DARM, and PW					X	
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Hydrology and Water Quality** *(continued)*:

<ul style="list-style-type: none"> <li><b>HYD-5.5:</b> The City shall work with FMFCD to develop and adopt an update to the SDMP for the Southeast Development Area that would be adequately designed to collect, convey and dispose of runoff at the rates and volumes which would be generated by the planned land uses in that area.</li> </ul> <p><b>Verification comments:</b></p>	Prior to development approvals in the Southeast Development Area	FMFCD, DARM, and PW					X	

**Public Services:**

<p><b>PS-1:</b> As future fire facilities are planned, the fire department shall evaluate if specific environmental effects would occur. Typical impacts from fire facilities include noise, traffic, and lighting. Typical mitigation to reduce these impacts includes:</p> <ul style="list-style-type: none"> <li><i>Noise:</i> Barriers and setbacks on the fire department sites.</li> <li><i>Traffic:</i> Traffic devices for circulation and a “keep clear zone” during emergency responses.</li> <li><i>Lighting:</i> Provision of hoods and deflectors on lighting fixtures on the fire department sites.</li> </ul> <p><b>Verification comments:</b></p>	During the planning process for future fire department facilities	DARM					X	

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**B** - Mitigated

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**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable



MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Public Services</b> <i>(continued)</i> :								
<p><b>PS-2:</b> As future police facilities are planned, the police department shall evaluate if specific environmental effects would occur. Typical impacts from police facilities include noise, traffic, and lighting. Typical mitigation to reduce potential impacts from police department facilities includes:</p> <ul style="list-style-type: none"> <li>• <i>Noise:</i> Barriers and setbacks on the police department sites.</li> <li>• <i>Traffic:</i> Traffic devices for circulation.</li> <li>• <i>Lighting:</i> Provision of hoods and deflectors on lighting fixtures on the fire department sites.</li> </ul> <p><b>Verification comments:</b></p>	During the planning process for future Police Department facilities	DARM						X
<p><b>PS-3:</b> As future public and private school facilities are planned, school districts shall evaluate if specific environmental effects would occur with regard to public schools, and DARM shall evaluate other school facilities. Typical impacts from school facilities include noise, traffic, and lighting. Typical mitigation to reduce potential impacts from school facilities includes:</p> <p style="text-align: right;"><i>(continued on next page)</i></p>	During the planning process for future school facilities	DARM, local school districts, and the Division of the State Architect						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Public Services</b> <i>(continued)</i> :								
<b>PS-3</b> <i>(continued from previous page)</i> <ul style="list-style-type: none"> <li>• <i>Noise</i>: Barriers and setbacks placed on school sites.</li> <li>• <i>Traffic</i>: Traffic devices for circulation.</li> <li>• <i>Lighting</i>: Provision of hoods and deflectors on lighting fixtures for stadium lights.</li> </ul> <b>Verification comments:</b>	<i>[see previous page]</i>	<i>[see previous page]</i>						
<b>PS-4:</b> As future parks and recreational facilities are planned, the City shall evaluate if specific environmental effects would occur. Typical impacts from school facilities include noise, traffic, and lighting. Typical mitigation to reduce potential impacts from park and recreational facilities includes: <ul style="list-style-type: none"> <li>• <i>Noise</i>: Barriers and setbacks placed on school sites.</li> <li>• <i>Traffic</i>: Traffic devices for circulation.</li> <li>• <i>Lighting</i>: Provision of hoods and deflectors on lighting fixtures for outdoor play area/field lights.</li> </ul> <b>Verification comments:</b>	During the planning process for future park and recreation facilities	DARM					X	

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**B** - Mitigated

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**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Public Services** *(continued)*:

<p><b>PS-5:</b> As future detention, court, library, and hospital facilities are planned, the appropriate agencies shall evaluate if specific environmental effects would occur. Typical impacts from court, library, and hospital facilities include noise, traffic, and lighting. Typical mitigation to reduce potential impacts includes:</p> <ul style="list-style-type: none"> <li>• <i>Noise:</i> Barriers and setbacks placed on school sites.</li> <li>• <i>Traffic:</i> Traffic devices for circulation.</li> <li>• <i>Lighting:</i> Provision of hoods and deflectors on outdoor lighting fixtures</li> </ul> <p><b>Verification comments:</b></p>	During the planning process for future detention, court, library, and hospital facilities	DARM, to the extent that agencies constructing these facilities are subject to City of Fresno regulation					X	

**Utilities and Service Systems**

<p><b>USS-1:</b> The City shall develop and implement a wastewater master plan update.</p> <p><b>Verification comments:</b></p>	Prior to wastewater conveyance and treatment demand exceeding capacity	DPU					X	

**A** - Incorporated into Project  
**B** - Mitigated

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**D** - Responsible Agency Contacted

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**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-2:</b> Prior to exceeding existing wastewater treatment capacity, the City shall evaluate the wastewater system and shall not approve additional development that contributes wastewater to the wastewater treatment facility that could exceed capacity until additional capacity is provided. By approximately the year 2025, the City shall construct the following improvements:</p> <ul style="list-style-type: none"> <li>• Construct an approximately 70 MGD expansion of the Regional Wastewater Treatment and Reclamation Facility and obtain revised waste discharge permits as the generation of wastewater is increased.</li> <li>• Construct an approximately 0.49 MGD expansion of the North Facility and obtain revised waste discharge permits as the generation of wastewater is increased.</li> </ul> <p><b>Verification comments:</b></p>	Prior to exceeding existing wastewater treatment capacity	DPU					X	
<p><b>USS-3:</b> Prior to exceeding existing wastewater treatment capacity, the City shall evaluate the wastewater system and shall not approve additional development that contributes wastewater to the wastewater treatment facility that could exceed capacity until additional capacity is provided. After</p> <p><i>(continued on next page)</i></p>	Prior to exceeding existing wastewater treatment capacity	DPU					X	

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**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-3</b> <i>(continued from previous page)</i></p> <p>approximately the year 2025, the City shall construct the following improvements:</p> <ul style="list-style-type: none"> <li>Construct an approximately 24 MGD wastewater treatment facility within the Southeast Development Area and obtain revised waste discharge requirements as the generation of wastewater is increased.</li> <li>Construct an approximately 9.6 MGD expansion of the Regional Wastewater Treatment and Reclamation Facility and obtain revised waste discharge permits as the generation of wastewater is increased.</li> </ul> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
<p><b>USS-4:</b> A Traffic Control/Traffic Management Plan to address traffic impacts during construction of water and sewer facilities shall be prepared and implemented, subject to approval by the City (and Fresno County, when work is being done in unincorporated area roadways). The plan shall identify access and parking restrictions, pavement markings and signage, and hours of construction and for deliveries. It shall include haul routes, the notification plan, and coordination with emergency service providers and schools.</p> <p><b>Verification comments:</b></p>	Prior to construction of water and sewer facilities	PW for work in the City; PW and Fresno County Public Works and Planning when unincorporated area roadways are involved					X	

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**B** - Mitigated

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**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-5:</b> Prior to exceeding capacity within the existing wastewater collection system facilities, the City shall evaluate the wastewater collection system and shall not approve additional development that would generate additional wastewater and exceed the capacity of a facility until additional capacity is provided. By approximately the year 2025, the following capacity improvements shall be provided.</p> <ul style="list-style-type: none"> <li>• Orange Avenue Trunk Sewer: This facility shall be improved between Dakota and Jensen Avenues. Approximately 37,240 feet of new sewer main shall be installed and approximately 5,760 feet of existing sewer main shall be rehabilitated. The size of the new sewer main shall range from 27 inches to 42 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are RS03A, RL02, C01-REP, C02-REP, C03-REP, C04-REP, C05-REP, C06-REL and C07-REP.</li> <li>• Marks Avenue Trunk Sewer: This facility shall be improved between Clinton Avenue and Kearney Boulevard. Approximately 12,150 feet of new sewer main shall be installed. The size of the new sewer main shall range from 33 inches to 60 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are CM1-REP and CM2-REP.</li> </ul> <p><i>(continued on next page)</i></p>	Prior to exceeding capacity within the existing wastewater collection system facilities	DPU					X	

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**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-5</b> <i>(continued from previous page)</i></p> <ul style="list-style-type: none"> <li>• North Avenue Trunk Sewer: This facility shall be improved between Polk and Fruit Avenues and also between Orange and Maple Avenues. Approximately 25,700 feet of new sewer main shall be installed. The size of the new sewer main shall range from 48 inches to 66 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are CN1-REL1 and CN3-REL1.</li> <li>• Ashlan Avenue Trunk Sewer: This facility shall be improved between Hughes and West Avenues and also between Fruit and Blackstone Avenues. Approximately 9,260 feet of new sewer main shall be installed. The size of the new sewer main shall range from 24 inches to 36 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are CA1-REL and CA2-REP.</li> </ul> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-6:</b> Prior to exceeding capacity within the existing 28 pipeline segments shown in Figures 1 and 2 in Appendix J-1, the City shall evaluate the wastewater collection system and shall not approve additional development that would generate additional wastewater and exceed the capacity of one of the 28 pipeline segments until additional capacity is provided.</p> <p><b>Verification comments:</b></p>	Prior to exceeding capacity within the existing 28 pipeline segments shown in Figures 1 and 2 in Appendix J-1 of the MEIR	DPU					X	
<p><b>USS-7:</b> Prior to exceeding existing water supply capacity, the City shall evaluate the water supply system and shall not approve additional development that demand additional water until additional capacity is provided. By approximately the year 2025, the following capacity improvements shall be provided.</p> <ul style="list-style-type: none"> <li>Construct an approximately 80 million gallon per day (MGD) surface water treatment facility near the intersection of Armstrong and Olive Avenues, in accordance with Chapter 9 and Figure 9-1 of the City of Fresno Metropolitan Water Resources Management Plan Update (2014 Metro Plan Update) Phase 2 Report, dated January 2012.</li> </ul> <p><i>(continued on next page)</i></p>	Prior to exceeding existing water supply capacity	DPU					X	

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable



MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-7</b> <i>(continued from previous page)</i></p> <ul style="list-style-type: none"> <li>Construct an approximately 30 MGD expansion of the existing northeast surface water treatment facility for a total capacity of 60 MGD, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct an approximately 20 MGD surface water treatment facility in the southwest portion of the City, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <p><b>Verification comments:</b></p>	<i>[see previous page]</i>	<i>[see previous page]</i>						
<p><b>USS-8:</b> Prior to exceeding capacity within the existing water conveyance facilities, the City shall evaluate the water conveyance system and shall not approve additional development that would demand additional water and exceed the capacity of a facility until additional capacity is provided. The following capacity improvements shall be provided by approximately 2025.</p> <ul style="list-style-type: none"> <li>Construct 65 new groundwater wells, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <p><i>(continued on next page)</i></p>	Prior to exceeding capacity within the existing water conveyance facilities	DPU					X	

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-8</b> <i>(continued from previous page)</i></p> <ul style="list-style-type: none"> <li>Construct a 2.0 million gallon potable water reservoir (Reservoir T2) near the intersection of Clovis and California Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 3.0 million gallon potable water reservoir (Reservoir T3) near the intersection of Temperance and Dakota Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 3.0 million gallon potable water reservoir (Reservoir T4) in the Downtown Planning Area, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 4.0 million gallon potable water reservoir (Reservoir T5) near the intersection of Ashlan and Chestnut Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 4.0 million gallon potable water reservoir (Reservoir T6) near the intersection of Ashlan Avenue and Highway 99, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <p><i>(continued on next page)</i></p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<b>USS-8</b> <i>(continued from previous two pages)</i> <ul style="list-style-type: none"> <li>Construct 50.3 miles of regional water transmission mains ranging in size from 24-inch to 48-inch diameter, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct 95.9 miles of 16-inch diameter transmission grid mains, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <b>Verification comments:</b>	<i>[see Page 37]</i>	<i>[see Page 37]</i>						
<b>USS-9:</b> Prior to exceeding capacity within the existing water conveyance facilities, the City shall evaluate the water conveyance system and shall not approve additional development that would demand additional water and exceed the capacity of a facility until additional capacity is provided. The following capacity improvements shall be provided after approximately the year 2025 and additional water conveyance facilities shall be provided prior to exceedance of capacity within the water conveyance facilities to accommodate full buildout of the General Plan Update.  <i>(continued on next page)</i>	Prior to exceeding capacity within the existing water conveyance facilities	DPU					X	

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems** *(continued)*:

<p><b>USS-9</b> <i>(continued from previous page)</i></p> <ul style="list-style-type: none"> <li>Construct a 4.0 million gallon potable water reservoir (SEDA Reservoir 1) within the northern part of the Southeast Development Area.</li> <li>Construct a 4.0 million gallon potable water reservoir (SEDA Reservoir 2) within the southern part of the Southeast Development Area.</li> </ul> <p>Additional water conveyance facilities shall be provided prior to exceedance of capacity within the water conveyance facilities to accommodate full buildout of the General Plan Update.</p> <p><b>Verification comments:</b></p>	<i>[see previous page]</i>	<i>[see previous page]</i>					
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**Utilities and Service Systems - Hydrology and Water Quality**

<b>USS-10:</b> In order to maintain Fresno Irrigation District canal operability, FMFCD shall maintain operational intermittent flows during the dry season, within defined channel capacity and downstream capture capabilities, for recharge.  <b>Verification comments:</b>	During the dry season	Fresno Irrigation District (FID)						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources*:**

<p><b>USS-11:</b> When FMFCD proposes to provide drainage service outside of urbanized areas:</p> <p>(a) FMFCD shall conduct preliminary investigations on undeveloped lands outside of highly urbanized areas. These investigations shall examine wetland hydrology, vegetation and soil types. These preliminary investigations shall be the basis for making a determination on whether or not more in-depth wetland studies shall be necessary. If the proposed project site does not exhibit wetland hydrology, support a prevalence of wetland vegetation and wetland soil types then no further action is required.</p> <p>(b) Where proposed activities could have an impact on areas verified by the Corps as jurisdictional wetlands or waters of the U.S. (urban and rural streams, seasonal wetlands, and vernal pools), FMFCD shall obtain the necessary Clean Water Act, Section 404 permits for activities where fill material shall be placed in a wetland, obstruct the flow or circulation of waters of the United States, impair or reduce the reach of such waters. As part of FMFCD's Memorandum of Understanding with CDFG, Section 404 and 401 permits would be obtained from the U.S. Army Corps of Engineers and from the</p> <p><i>(continued on next page)</i></p>	Prior to development approvals outside of highly urbanized areas	California Regional Water Quality Control Board (RWQCB), and USACE						X
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-11</b> <i>(continued from previous page)</i></p> <p>Regional Water Quality Control Board for any activity involving filling of jurisdictional waters). At a minimum, to meet “no net loss policy,” the permits shall require replacement of wetland habitat at a 1:1 ratio.</p> <p>(c) Where proposed activities could have an impact on areas verified by the Corps as jurisdictional wetlands or waters of the U.S. (urban and rural streams, seasonal wetlands, and vernal pools), FMFCD shall submit and implement a wetland mitigation plan based on the wetland acreage verified by the U.S. Army Corps of Engineers. The wetland mitigation plan shall be prepared by a qualified biologist or wetland scientist experienced in wetland creation, and shall include the following or equally effective elements:</p> <ul style="list-style-type: none"> <li>i. Specific location, size, and existing hydrology and soils within the wetland creation area.</li> <li>ii. Wetland mitigation techniques, seed source, planting specifications, and required buffer setbacks. In addition, the mitigation plan shall ensure adequate water supply is provided to the created wetlands in order to maintain the proper</li> </ul> <p style="text-align: right;"><i>(continued on next page)</i></p>	[see previous page]	[see previous page]						
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-11</b> <i>(continued from previous two pages)</i></p> <p>hydrologic regimes required by the different types of wetlands created. Provisions to ensure the wetland water supply is maintained in perpetuity shall be included in the plan.</p> <p>iii. A monitoring program for restored, enhanced, created, and preserved wetlands on the project site. A monitoring program is required to meet three objectives; 1) establish a wetland creation success criteria to be met; 2) to specify monitoring methodology; 3) to identify as far as is possible, specific remedial actions that will be required in order to achieve the success criteria; and 4) to document the degree of success achieved in establishing wetland vegetation.</p> <p>(d) A monitoring plan shall be developed and implemented by a qualified biologist to monitor results of any on-site wetland restoration and creation for five years. The monitoring plan shall include specific success criteria, frequency and timing of monitoring, and assessment of whether or not maintenance activities are being carried out and how these shall be adjusted if necessary.</p> <p><i>(continued on next page)</i></p>	[see Page 41]	[see Page 41]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-11</b> <i>(continued from previous three pages)</i></p> <p>If monitoring reveals that success criteria are not being met, remedial habitat creation or restoration should be designed and implemented by a qualified biologist and subject to five years of monitoring as described above.</p> <p>Or</p> <p>(e) In lieu of developing a mitigation plan that outlines the avoidance, purchase, or creation of wetlands, FMFCD could purchase mitigation credits through a Corps approved Mitigation Bank.</p> <p><b>Verification comments:</b></p>	<p>[see Page 41]</p>	<p>[see Page 41]</p>						
<p><b>USS-12:</b> When FMFCD proposes to provide drainage service outside in areas that support seasonal wetlands or vernal pools:</p> <p>(a) During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools, FMFCD shall conduct a preliminary rare plant assessment. The assessment will determine the likelihood on whether or not the project site could support rare plants. If it is determined that the project site would not support rare plants, then no further</p> <p><i>(continued on next page)</i></p>	<p>During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools</p>	<p>California Department of Fish &amp; Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS)</p>						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable



MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-12</b> <i>(continued from previous page)</i></p> <p>action is required. However, if the project site has the potential to support rare plants; then a rare plant survey shall be conducted. Rare plant surveys shall be conducted by qualified biologists in accordance with the most current CDFG/USFWS guidelines or protocols and shall be conducted at the time of year when the plants in question are identifiable.</p> <p>(b) Based on the results of the survey, prior to design approval, FMFCD shall coordinate with CDFG and/or implement a Section 7 consultation with USFWS, shall determine whether the project facility would result in a significant impact to any special status plant species. Evaluation of project impacts shall consider the following:</p> <ul style="list-style-type: none"> <li>• The status of the species in question (e.g., officially listed by the State or Federal Endangered Species Acts).</li> <li>• The relative density and distribution of the on-site occurrence versus typical occurrences of the species in question.</li> </ul> <p><i>(continued on next page)</i></p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-12</b> (continued from previous two pages)</p> <ul style="list-style-type: none"> <li>The habitat quality of the on-site occurrence relative to historic, current or potential distribution of the population.</li> </ul> <p>(c) Prior to design approval, and in consultation with the CDFG and/or the USFWS, FMFCD shall prepare and implement a mitigation plan, in accordance with any applicable State and/or federal statutes or laws, that reduces impacts to a less than significant level.</p> <p><b>Verification comments:</b></p>	[see Page 44]	[see Page 44]						
<p><b>USS-13:</b> When FMFCD proposes to provide drainage service outside in areas that support seasonal wetlands or vernal pools:</p> <p>(a) During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools, FMFCD shall conduct a preliminary survey to determine the presence of listed vernal pool crustaceans.</p> <p>(continued on next page)</p>	During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools	CDFW and USFWS						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-13</b> <i>(continued from previous page)</i></p> <p>(b) If potential habitat (vernal pools, seasonally inundated areas) or fairy shrimp exist within areas proposed to be disturbed, FMFCD shall complete the first and second phase of fairy shrimp presence or absence surveys. If an absence finding is determined and accepted by the USFWS, then no further mitigation shall be required for fairy shrimp.</p> <p>(c) If fairy shrimp are found to be present within vernal pools or other areas of inundation to be impacted by the implementation of storm drainage facilities, FMFCD shall mitigate impacts on fairy shrimp habitat in accordance with the USFWS requirements of the Programmatic Biological Opinion. This shall include on-site or off-site creation and/or preservation of fairy shrimp habitat at ratios ranging from 3:1 to 5:1 depending on the habitat impacted and the choice of on-site or off-site mitigation. Or mitigation shall be the purchase of mitigation credit through an accredited mitigation bank.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-14:</b> When FMFCD proposes to construct drainage facilities in an area where elderberry bushes may occur:</p> <p>(a) During facility design and prior to initiation of construction activities, FMFCD shall conduct a project-specific survey for all potential Valley Elderberry Longhorn Beetle (VELB) habitats (elderberry shrubs), including a stem count and an assessment of historic or current VELB habitat.</p> <p>(b) FMFCD shall avoid and protect all potential identified VELB habitat where feasible.</p> <p>(c) Where avoidance is infeasible, develop and implement a VELB mitigation plan in accordance with the most current USFWS mitigation guidelines for unavoidable take of VELB habitat pursuant to either Section 7 or Section 10(a) of the Federal Endangered Species Act. The mitigation plan shall include, but might not be limited to, relocation of elderberry shrubs, planting of elderberry shrubs, and monitoring of relocated and planted elderberry shrubs.</p> <p><b>Verification comments:</b></p>	During facility design and prior to initiation of construction activities	CDFW and USFWS						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<p><b>USS-15:</b> Prior to ground disturbing activities during nesting season (March through July) for a project that supports bird nesting habitat, FMFCD shall conduct a survey of trees. If nests are found during the survey, a qualified biologist shall assess the nesting activity on the project site. If active nests are located, no construction activities shall be allowed within 250 feet of the nest until the young have fledged. If construction activities are planned during the non-breeding period (August through February), a nest survey is not necessary.</p> <p><b>Verification comments:</b></p>	Prior to ground disturbing activities during nesting season (March through July) for a project that supports bird nesting habitat	CDFW and USFWS						X
<p><b>USS-16:</b> When FMFCD proposes to construct drainage facilities in an area that supports bird nesting habitat:</p> <p>(a) FMFCD shall conduct a pre-construction breeding-season survey (approximately February 1 through August 31) of proposed project sites in suitable habitat (levee and canal berms, open grasslands with suitable burrows) during the same calendar year that construction is planned to begin. If phased construction procedures are planned for the proposed project, the results of the above survey shall be valid only for the season when it is conducted.</p> <p><i>(continued on next page)</i></p>	Prior to ground disturbing activities during nesting season (March through July) for a project that supports bird nesting habitat	CDFW and USFWS						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources*** (continued):

<p><b>USS-16</b> (continued from previous page)</p> <p>(b) During the construction stage, FMFCD shall avoid all burrowing owl nest sites potentially disturbed by project construction during the breeding season while the nest is occupied with adults and/or young. The occupied nest site shall be monitored by a qualified biologist to determine when the nest is no longer used. Avoidance shall include the establishment of a 160-foot diameter non-disturbance buffer zone around the nest site. Disturbance of any nest sites shall only occur outside of the breeding season and when the nests are unoccupied based on monitoring by a qualified biologist. The buffer zone shall be delineated by highly visible temporary construction fencing.</p> <p>Based on approval by CDFG, pre-construction and pre-breeding season exclusion measures may be implemented to preclude burrowing owl occupation of the project site prior to project-related disturbance. Burrowing owls can be passively excluded from potential nest sites in the construction area, either by closing the burrows or placing one-way doors in the burrows according to current CDFG protocol. Burrows shall be examined not more than 30 days before construction to ensure that no owls have recolonized the area of construction.</p> <p>(continued on next page)</p>	[see previous page]	[see previous page]					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems - *Biological Resources* (continued):**

<b>USS-16</b> <i>(continued from previous two pages)</i>  For each burrow destroyed, a new burrow shall be created (by installing artificial burrows at a ratio of 2:1 on protected lands nearby).  <b>Verification comments:</b>	[see Page 49]	[see Page 49]						
<b>USS-17:</b> When FMFCD proposes to construct drainage facilities in the San Joaquin River corridor:  (a) FMFCD shall not conduct instream activities in the San Joaquin River between October 15 and April 15. If this is not feasible, FMFCD shall consult with the National Marine Fisheries Service and CDFW on the appropriate measures to be implemented in order to protect listed salmonids in the San Joaquin River.  (b) Riparian vegetation shading the main-channel that is removed or damaged shall be replaced at a ratio and quantity sufficient to maintain the existing shading of the channel. The location of replacement trees on or within  <i>(continued on next page)</i>	During instream activities conducted between October 15 and April 15	National Marine Fisheries Service (NMFS), CDFW, and Central Valley Flood Protection Board (CVFPB)						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems / Biological Resources (continued):**

<p><b>USS-17</b> (continued from previous page)</p> <p>FMFCD berms, detention ponds or river channels shall be approved by FMFCD and the Central Valley Flood Protection Board.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
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**Utilities and Service Systems – Recreation / Trails:**

<p><b>USS-18:</b> When FMFCD updates its District Service Plan:</p> <p>Prior to final design approval of all elements of the District Services Plan, FMFCD shall consult with Fresno County, City of Fresno, and City of Clovis to determine if any element would temporarily disrupt or permanently displace adopted existing or planned trails and associated recreational facilities as a result of the proposed District Services Plan. If the proposed project would not temporarily disrupt or permanently displace adopted existing or planned trails, no further mitigation is necessary. If the proposed project would have an effect on the trails and associated facilities, FMFCD shall implement the following:</p> <p style="text-align: right;">(continued on next page)</p>	Prior to final design approval of all elements of the District Services Plan	DARM, PW, City of Clovis, and County of Fresno					X	

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable



MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems – Recreation / Trails (continued):**

<p><b>USS-18</b> (continued from previous page)</p> <p>(a) If short-term disruption of adopted existing or planned trails and associated recreational facilities occur, FMFCD shall consult and coordinate with Fresno County, City of Fresno, and City of Clovis to temporarily re-route the trails and associated facilities.</p> <p>(b) If permanent displacement of the adopted existing or planned trails and associated recreational facilities occur, the appropriate design modifications to prevent permanent displacement shall be implemented in the final project design or FMFCD shall replace these facilities.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
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**Utilities and Service Systems – Air Quality:**

<p><b>USS-19:</b> When District drainage facilities are constructed, FMFCD shall:</p> <p>(a) Minimize idling time of construction equipment vehicles to no more than ten minutes, or require that engines be shut off when not in use.</p> <p>(continued on next page)</p>	During storm water drainage facility construction activities	Fresno Metropolitan Flood Control District and SJVAPCD	X					
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**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems – Air Quality** (continued):

<p><b>USS-19</b> (continued from previous page)</p> <p>(b) Construction shall be curtailed as much as possible when the Air Quality Index (AQI) is above 150. AQI forecasts can be found on the SJVAPCD web site.</p> <p>(c) Off-road trucks should be equipped with on-road engines if possible.</p> <p>(d) Construction equipment should have engines that meet the current off-road engine emission standard (as certified by CARB), or be re-powered with an engine that meets this standard.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						
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**Utilities and Service Systems – Adequacy of Storm Water Drainage Facilities:**

<p><b>USS-20:</b> Prior to exceeding capacity within the existing storm water drainage facilities, the City shall coordinate with FMFCD to evaluate the storm water drainage system and shall not approve additional development that would convey additional storm water to a facility that would experience an exceedance of capacity until the necessary additional capacity is provided.</p> <p><b>Verification comments:</b></p>	Prior to exceeding capacity within the existing storm water drainage facilities	FMFCD, PW, and DARM						X

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
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**Utilities and Service Systems – Adequacy of Water Supply Capacity:**

<p><b>USS-21:</b> Prior to exceeding existing water supply capacity, the City shall evaluate the water supply system and shall not approve additional development that demand additional water until additional capacity is provided. By approximately the year 2025, the City shall construct an approximately 25,000 AF/year tertiary recycled water expansion to the Fresno-Clovis Regional Wastewater Reclamation Facility in accordance with the 2013 Recycled Water Master Plan and the 2014 City of Fresno Metropolitan Water Resources Management Plan update.</p> <p>Implementation of Mitigation Measure USS-5 is also required prior to approximately the year 2025.</p> <p><b>Verification comments:</b></p>	Prior to exceeding existing water supply capacity	DPU and DARM					X	

**Utilities and Service Systems – Adequacy of Landfill Capacity:**

<p><b>USS-22:</b> Prior to exceeding landfill capacity, the City shall evaluate additional landfill locations and shall not approve additional development that could contribute solid waste to a landfill that is at capacity until additional capacity is provided.</p> <p><b>Verification comments:</b></p>	Prior to exceeding landfill capacity	DPU and DARM					X	

**A** - Incorporated into Project  
**B** - Mitigated

**C** - Mitigation in Process  
**D** - Responsible Agency Contacted

**E** - Part of City-Wide Program  
**F** - Not Applicable

## Project Specific Mitigation Monitoring Checklist

**EXHIBIT D-CITY OF FRESNO  
MITIGATED NEGATIVE DECLARATION  
PROJECT SPECIFIC MITIGATION MONITORING CHECKLIST  
ENVIRONMENTAL ASSESSMENT NO. R-04-098/T-5434/ANX-17-002**

Project/EA No. **R-04-098/T-5434/ANX-17-002**

Date: May 5, 2017

	Mitigation Measure	Implemented By	When Implemented	Verified By
<i>IX – Hydrology and Water Quality</i>  <i>XIV- Public Services</i>  <i>XVII- Utilities and Service Systems</i>	<p>IX.1 The cost of the Fresno Metropolitan Flood Control District (FMFCD) Master Plan facilities are to be paid for through the collection of drainage fees to the FMFCD in accordance with the Notice of Requirements from the Fresno Metropolitan Flood Control District dated April 4, 2017.</p> <p>IX.2 The District has indicated that permanent drainage facilities are not currently available to serve the proposed project and has required construction of temporary ponding facilities to collect and store surface runoff until permanent service is available. This project can be accommodated by the district provided the developer comply with FMFCD requirements as detailed in its memorandum dated April 4, 2017, which includes construction of Master Plan Facilities and compliance with the District's Flood Plain Policy and the City of Fresno Floodplain Management Ordinance.</p>	Applicant	Prior to issuance of grading and/or building permits.	Fresno Metropolitan Flood Control District & City of Fresno Development and Resource Management Department