

AGENDA ITEM NO. 2C

COUNCIL MEETING 3/21/13

APPROVED BY \_\_\_\_\_

DEPARTMENT DIRECTOR \_\_\_\_\_

CITY MANAGER 

March 21, 2013

**FROM:** BRUCE A. RUDD, Assistant City Manager/ Interim PARCS Director  
Parks, After School, Recreation and Community Services Department

**BY:** IRMA YEPEZ-PEREZ, Grant Writer  
KAREN NORRIS, Administrative Manager  
Parks, After School, Recreation and Community Services Department

**SUBJECT:** ADOPT THE ENVIRONMENTAL FINDING OF ENVIRONMENTAL ASSESSMENT NO. EA-13-02, APPROVING A MITIGATED NEGATIVE DECLARATION FOR THE CONSTRUCTION OF MARTIN RAY REILLY PARK (District 7)

**RECOMMENDATIONS**

Staff recommends that the City Council adopt the environmental finding of Environmental Assessment No. EA-13-02, approving a Mitigated Negative Declaration, for the construction of Martin Ray Reilly Park located south of State Route 180 between North Chestnut and North Garden Avenues in Council District 7.

**EXECUTIVE SUMMARY**

Adopting the CEQA finding will allow the PARCS Department to complete the contract-pending requirements for the State of California Department of Recreation, Statewide Park program (Proposition 84) grant that has been awarded for the construction of the Martin Ray Reilly Park. The adoption of the CEQA findings is required prior to a grant agreement being issued. The next step in this process is to develop specifications, issue bids, and award a contract for the construction of the park, which will occur later this year. In the interim, the PARCS Department will continue to work with Council District 7 to identify options for addressing the ongoing cost of maintainenance.

**BACKGROUND**

Per the Trust for the Public Land 2012 City Park Facts, the City of Fresno has 3.0 acres of parkland per 1,000 residents compared to the median of 13.8 acres of green space per 1,000 residents for cities with similar populations. The proposed Martin Rey Reilly Park is located near Chestnut Avenue and State Route 180 and has .075 park acres per 1,000 residents. The closest park site serving this community is Carozza Park, a six-acre park located just .42 miles north of State Route 180, a six-lane divided highway, which also serves as a stormwater retention basin by the Fresno Flood Control District and is not available for public from November through April.

On March 28, 2012 the Parks, After School, Recreation and Community Services Department (PARCS) was awarded a \$3.1 million grant from the State of California Department of Recreation, Statewide Park program (Proposition 84) for the construction of the new Martin Ray Reilly Park at 750 N. Chestnut Avenue. The Prop 84 grant was awarded to the City with a contract-pending requirement of completing the CEQA analysis. Per the Prop 84 grant guidelines, CEQA needs to be completed within one year of the contract award, or the State may rescind the grant award.

## **ENVIRONMENTAL FINDING**

An environmental assessment initial study was prepared for this project in accordance with the requirements of the California Environmental Quality Act (CEQA) Guidelines. This process included the distribution of requests for comment from other responsible or affected agencies and interested organizations.

Preparation of the environmental assessment necessitated a thorough review of the proposed project and relevant environmental issues and considered previously prepared environmental and technical studies pertinent to the Roosevelt Community Plan, including the Master Environmental Impact Report (MEIR No. 10130) for the 2025 Fresno General Plan. These environmental and technical studies have examined projected sewage generation rates of planned urban uses, the capacity of existing sanitary sewer collection and treatment facilities, and optimum alternatives for increasing capacities; groundwater aquifer resource conditions; water supply production and distribution system capacities; traffic carrying capacity of the planned major street system; and, student generation projections and school facility site location identification.

The proposed public park has been determined to not be fully within the scope of Master Environmental Impact Report No. 10130 (MEIR) prepared for the 2025 Fresno General Plan (SCH # 2001071097) and Mitigated Negative Declaration prepared for Plan Amendment No. A-09-02 (SCH # 2009051016) (Air Quality MND) as provided by the CEQA, as codified in the Public Resources Code (PRC) Section 21157.1(d) and the CEQA Guidelines Section 15177(c). Therefore, the City of Fresno proposes to adopt a Mitigated Negative Declaration for this project. All applicable mitigation measures of MEIR No. 10130 have been applied to the project and this Mitigated Negative Declaration is tiered from that MEIR.

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 or Air Quality MND. After conducting a review of the adequacy of the MEIR and Air Quality MND 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 the Air Quality MND was adopted 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 and the Air Quality MND was adopted, 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.

Therefore, based on the attached environmental assessment, staff has determined the project will not have a significant impact on the environment and that the filing of a mitigated negative declaration is appropriate in accordance with the provisions of CEQA Section 21157.5(a)(2) and CEQA Guidelines Section 15178(b)(1) and (2). A public notice of the attached mitigated negative declaration finding for Environmental Assessment

Application No. EA-13-002 was published on February 16, 2013 with no comments received within the 20 day comment period.

**FISCAL IMPACT**

Adopting the environmental finding will allow the State to issue the grant contract. Funding for this project is included in the FY13 budget. No General Funds will be used for the construction of the park. The PARCS Department is working with the Council District to identify options for addressing the ongoing cost of maintaining the park.

Attachments: Award Letter  
Area Map

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March 26, 2012

Bruce Rudd, Asst. City Manager  
City of Fresno, PARCS Department  
2600 Fresno St  
Fresno, CA 93721

Dear Bruce Rudd:

Congratulations! California State Parks' Office of Grants and Local Services (OGALS) is pleased to announce its intention to award \$3,165,365 for your Martin Ray Reilly Park Project.

Round Two of the Statewide Park Program (SPP) was intensely competitive and your project was one of the 64 selected for funding from a pool of more than 400 applications requesting \$1.3 billion!

To ensure that your project will be completed without significant obstacles or delays and that grant funds are spent on eligible costs, the grant contract will not be sent to you until the following obligation(s) are completed:

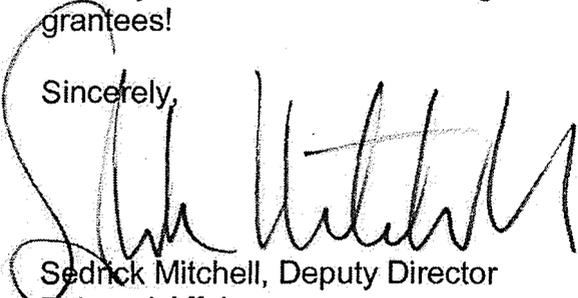
- **Mandatory Workshop** - Your project manager/grant administrator must attend the grant administration workshop on Thursday, April 19, 2012, from 9:00 a.m. to 3:00 p.m. The workshop location is at the George Sim Event Center located at 6207 Logan Street, Sacramento, CA 95824. The workshop will review the grant administration process, including audit requirements and long term contract obligations. Travel costs to the workshop can be charged to the grant.
- **California Environmental Quality Act (CEQA) Pending** - The CEQA analysis resulting in a Notice of Exemption or Notice of Determination must be completed within one year of this grant award announcement. CEQA costs are reimbursable. If your agency cannot fund the cost of the CEQA analysis OGALS can issue a contract only for the amount needed to cover the CEQA analysis costs – up to 10% of the grant award. Once the CEQA analysis is completed, OGALS will issue a contract for the balance of the grant amount. If CEQA is not completed within one year, OGALS may rescind the grant award and unspent advanced grant funds must be returned.

By signing the grant contract, your agency agrees to complete the project as described in the successful application. Payments can be made after the grant contract is signed by your agency's authorized representative and the state. Please refer to the Proposition 84 "Grant Administration Guide" for grant process information. It is also available at [www.parks.ca.gov/grants](http://www.parks.ca.gov/grants).

The Grant Administration Guide will be discussed during the mandatory grant administration workshop, and we will welcome your questions during the workshop and throughout the grant process.

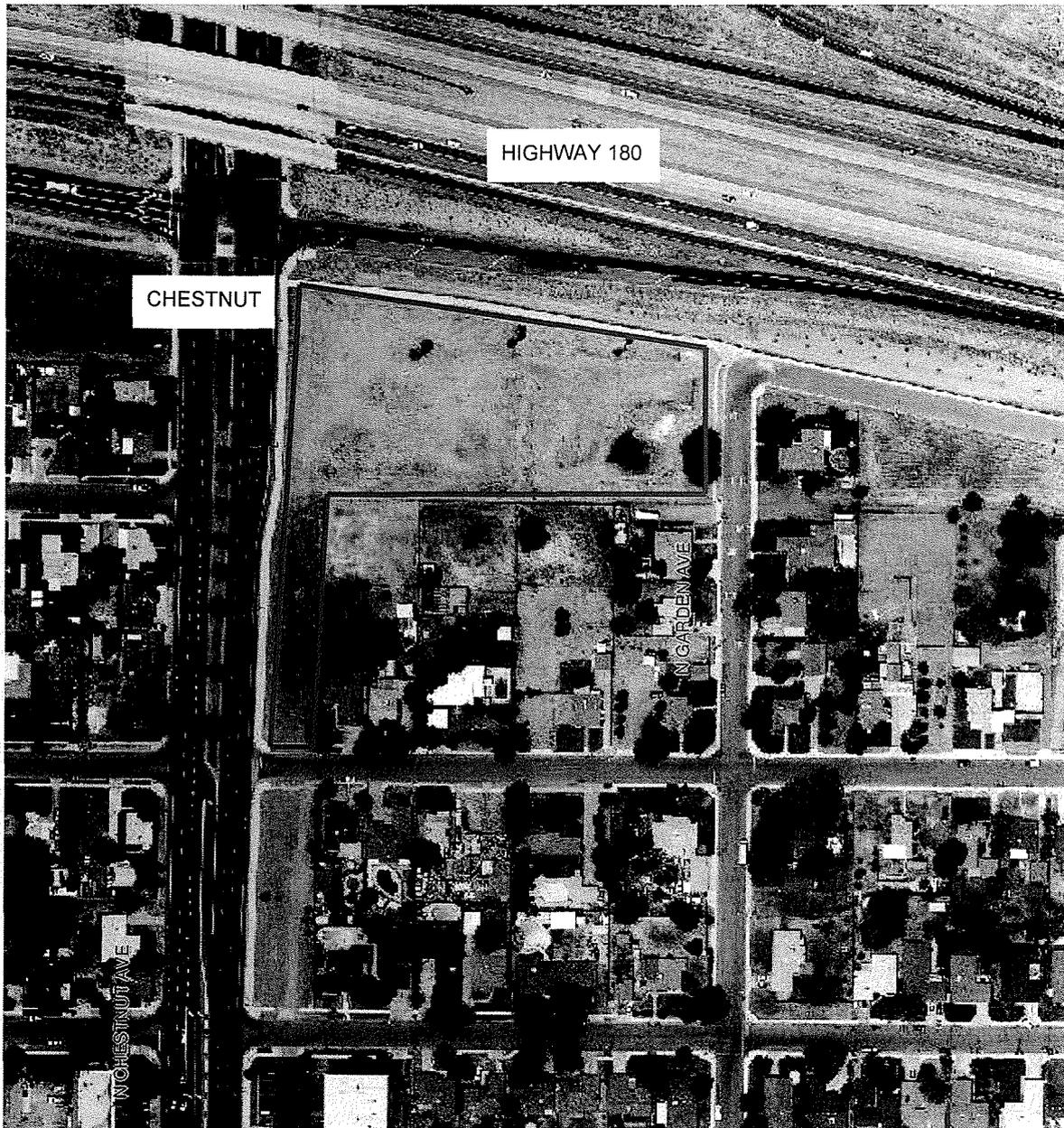
Our partnership will deliver this exciting and much needed project to your community in a timely manner and within budget. Welcome to the OGALS family of Proposition 84 grantees!

Sincerely,

A handwritten signature in black ink, appearing to read "Sedrick Mitchell". The signature is written in a cursive style with a large initial "S" and "M".

Sedrick Mitchell, Deputy Director  
External Affairs

**MARTIN RAY REILLY PARK**  
N. Chestnut Ave. and Highway 180



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**CITY OF FRESNO**  
**MITIGATED NEGATIVE DECLARATION**

Notice of Intent was filed with:

FRESNO COUNTY CLERK  
2221 Kern Street  
Fresno, California 93721

on

**February 15, 2013**

The full Initial Study and the Master Environmental Impact Report No. 10130 are on file in the Development and Resource Management Department, Fresno City Hall, 3rd Floor, 2600 Fresno Street, Fresno, California 93721 (559) 621-8277

**ENVIRONMENTAL ASSESSMENT NUMBER:**

**EA-13-002**

**APPLICANT:**

Andrew Vanderford of the City of Fresno Public Works Department on behalf of PARCS  
2101 G Street, Building A  
Fresno CA, 93706

**PROJECT LOCATION:**

750 North Chestnut Avenue; Located on the east side of North Chestnut Avenue, between E. Turner Avenue and an on ramp to State Route 180.

Assessor's Parcel Number: 456-221-20T, 18T, 04T, 05T, 06T, 07T 08T,09T

36° 45' 12.099" N , 119° 44' 7.7418" W

**Environmental Assessment Application No. EA-13-02** was filed by Andrew Vanderford of the City of Fresno Public Works Department on behalf of the PARCS division. The City proposes to construct a new community park on approximately 3.38 acres of property located adjacent to, and just south of, State Route 180 between North Chestnut and North Garden Avenues. The Park will incorporate recreation amenities that will include, but not limited to the following:

- Play equipment (Tot Lots designed for ages 2 to 5 and 5 to 12) with a shade structure overhead.
- Picnic tables with overhead shade structures, benches, barbeques, etc.
- Basketball court with sports lighting.
- All off-site improvements required by various agencies with jurisdiction.
- A meandering walkway around the park perimeter.
- Restroom building which includes storage room(s), custodial room, etc.
- Parking lot with trash receptacles, lighting, etc.
- A children's water play feature will be bid as an add-alternate, and will be constructed if funding is available.
- A small mechanical building (or room within restroom building) to enclose and secure all of the mechanical equipment: filters, pumps, irrigation controls, lighting controls, electrical panels and controls, security equipment, etc.
- Other typical improvements throughout the park, such as: seat walls, arbors, archways, site furniture, signs, drinking fountains, public art, flag pole(s) & banners, walk ways, fences & gates, site lighting, CMU walls, landscaping, turf, irrigation systems, security fencing, security lighting, etc.
- Sustainable Design: A \$3,000,000 grant from Proposition 84 funds is the principal source of funding for the project. The grant requires a commitment to designing and building the project using "Sustainable Techniques".

The proposed project also includes a subsequent conditional use permit and related infrastructure and off-site improvements. The subject site is within the boundaries of the 2025 Fresno General Plan and Roosevelt Community Plan area. The property is currently undeveloped and is planned for Medium Density Residential and zoned R-A (*Single Family Residential-Agricultural District*) zone district. Pursuant to Section

12-206.3-1, a public park is a use allowed subject to a conditional use permit in the R-A zone district.

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 Master Environmental Impact Report No. 10130 (SCH # 2001071097) prepared for the 2025 Fresno General Plan ("MEIR"); and, Mitigated Negative Declaration No. A-09-02 (SCH # 2009051016) prepared for the 2025 Fresno General Plan ("Air Quality MND"). A copy of the MEIR and Air Quality MND 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 within the scope of the Master Environmental Impact Report No. 10130 ("MEIR) or Mitigated Negative Declaration No. A-09-02 (Air Quality MND) prepared for the 2025 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 analysis 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 California Environmental Quality Act.

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.

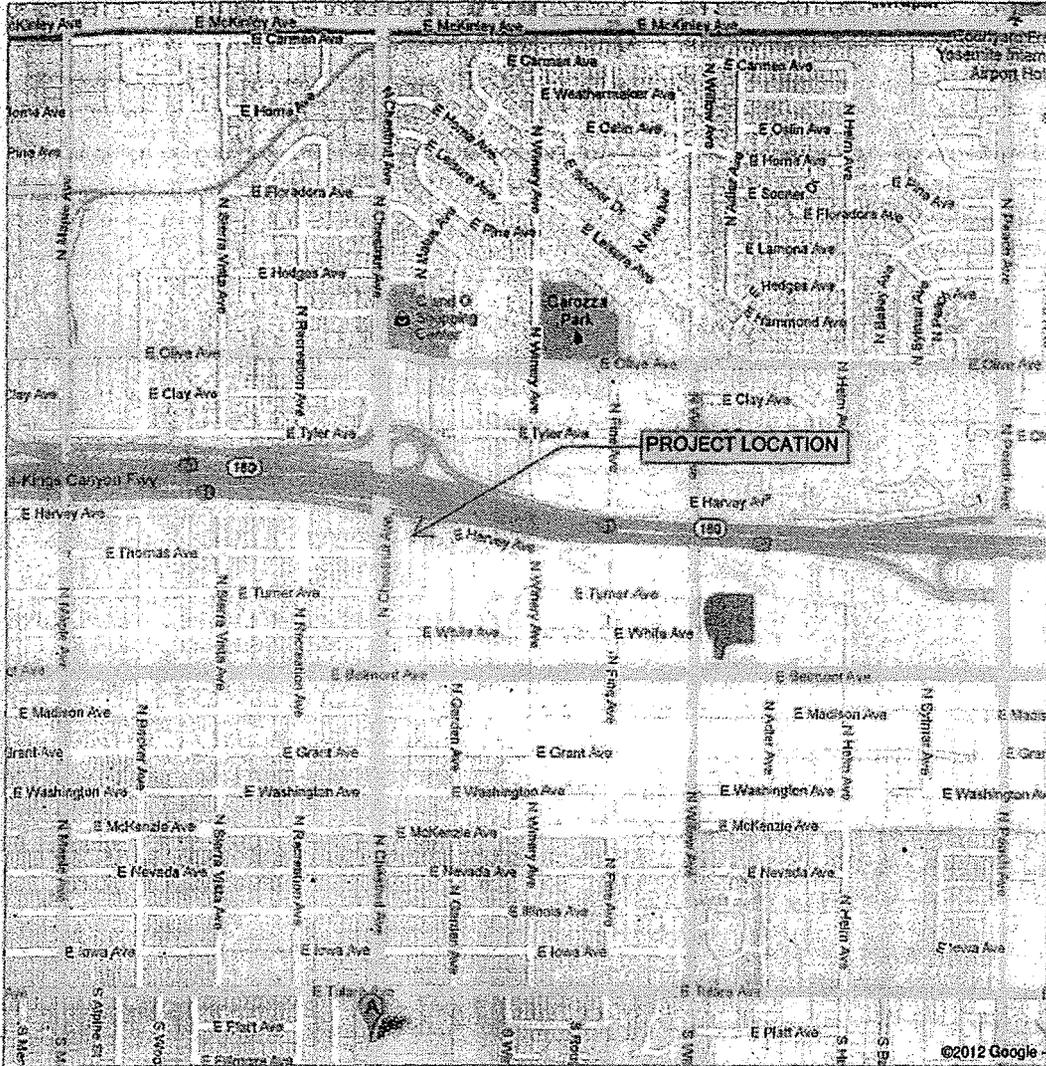
EA-13-002  
Mitigated Negative Declaration  
February 15, 2013

<p><b>PREPARED BY:</b> Bonique Emerson, Supervising Planner</p>	<p><b>SUBMITTED BY:</b></p> 
<p><b>DATE:</b> February 15, 2013</p>	<p>Bonique Emerson, Supervising Planner DEVELOPMENT &amp; RESOURCE MANAGEMENT DEPARTMENT</p>
<p><b>Attachments:</b></p>	<ul style="list-style-type: none"><li>• <b>Vicinity Map, Aerial Photo and Schematic Plan</b></li><li>• <b>Notice of Intent</b> to Adopt a Mitigated Negative Declaration</li><li>• <b>Modified Appendix G</b> To Analyze Subsequent Project Identified In MEIR No. 10130/MND For Plan Amendment A-09-02 (Air Quality MND)/Initial Study for Environmental Assessment No. EA-13-002</li><li>• <b>Project Specific Mitigation Monitoring Checklist</b></li><li>• Master Environmental Impact Report (MEIR) No. 10130/SCH No. 2001071097 For the 2025 General Plan: <b>MEIR Mitigation Monitoring Checklist</b> for Environmental Assessment No. EA- 13-002</li><li>• Master Environmental Impact Report (<b>MEIR</b>) <b>Review Summary</b> (Attachment: Status of MEIR Analysis with Regard to Air Quality and Climate Change)</li></ul>

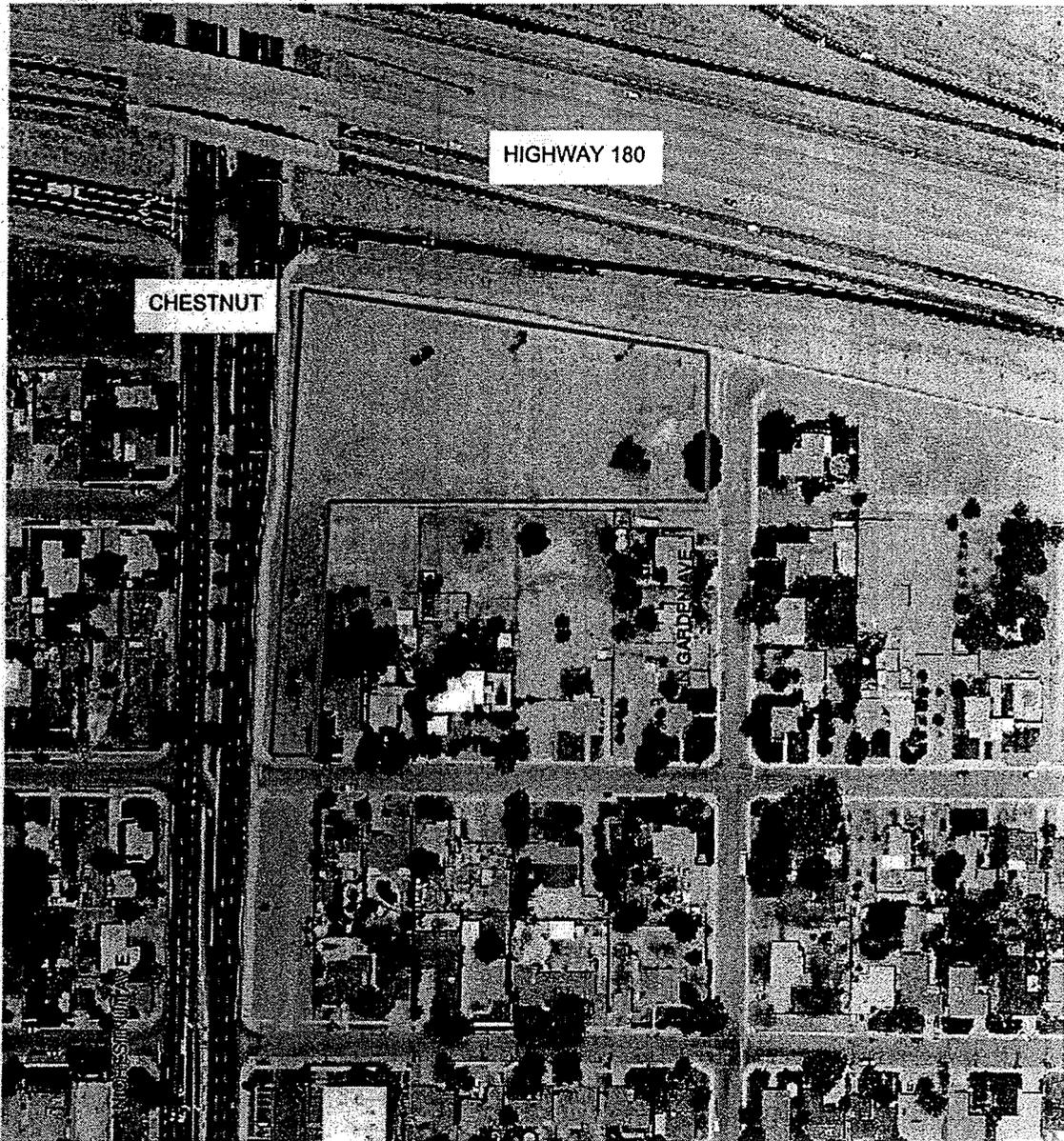
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Vicinity Map, Aerial Photo and Schematic Plan

# Vicinity Map



**MARTIN RAY REILLY PARK**  
N. Chestnut Ave. and Highway 180





# Notice of Intent

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**CITY OF FRESNO  
NOTICE OF INTENT TO ADOPT A**

*Mitigated Negative Declaration*

**Environmental Assessment Application No. EA-13-002,  
Martin Ray Reilly Park**

**APPLICANT:**

Andrew Vanderford of the City of Fresno  
Public Works Department on behalf of PARCS  
2101 G Street, Building A  
Fresno CA, 93706

**PROJECT LOCATION:**

750 North Chestnut Avenue; Located on the east side of North  
Chestnut Avenue, between E. Turner Avenue and an on ramp to  
State Route 180.

Assessor's Parcel Number: 456-221-20T, 18T, 04T, 05T, 06T, 07T  
08T,09T

36° 45' 12.099" N , 119° 44' 7.7418" W

Filed with:

**FILED**

FEB 15 2013

FRESNO COUNTY CLERK  
By *Jane McManis*  
DEPUTY

FRESNO COUNTY CLERK  
2221 Kern Street, Fresno, California 93721

**Environmental Assessment Application No. EA-13-02** was filed by Andrew Vanderford of the City of Fresno Public Works Department on behalf of the PARCS division. The City proposes to construct a new community park on approximately 3.38 acres of property located adjacent to, and just south of, State Route 180 between North Chestnut and North Garden Avenues. The Park will incorporate recreation amenities that will include, but not limited to the following:

- Play equipment (Tot Lots designed for ages 2 to 5 and 5 to 12) with a shade structure overhead.
- Picnic tables with overhead shade structures, benches, barbeques, etc.
- Basketball court with sports lighting.
- All off-site improvements required by various agencies with jurisdiction.
- A meandering walkway around the park perimeter.
- Restroom building which includes storage room(s), custodial room, etc.
- Parking lot with trash receptacles, lighting, etc.
- A children's water play feature will be bid as an add-alternate, and will be constructed if funding is available.
- A small mechanical building (or room within restroom building) to enclose and secure all of the mechanical equipment: filters, pumps, irrigation controls, lighting controls, electrical panels and controls, security equipment, etc.
- Other typical improvements throughout the park, such as: seat walls, arbors, archways, site furniture, signs, drinking fountains, public art, flag pole(s) & banners, walk ways, fences & gates, site lighting, CMU walls, landscaping, turf, irrigation systems, security fencing, security lighting, etc.
- Sustainable Design: A \$3,000,000 grant from Proposition 84 funds is the principal source of funding for the project. The grant requires a commitment to designing and building the project using "Sustainable Techniques".

The proposed project also includes a subsequent conditional use permit and related infrastructure and off-site improvements. The subject site is within the boundaries of the 2025 Fresno General Plan and Roosevelt Community Plan area. The property is currently undeveloped and is planned for Medium Density Residential and zoned R-A (*Single Family Residential-Agricultural District*) zone district. Pursuant to Section 12-206.3-1, a public park is a use allowed subject to a conditional use permit in the R-A zone district.

Notice of Intent to File

EA-13-002

February 15, 2013

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 is not fully within the scope of the Master Environmental Impact Report No. 10130 (MEIR) prepared for the 2025 Fresno General Plan (SCH # 2001071097) and Mitigated Negative Declaration prepared for Plan Amendment No. A-09-02 (SCH # 2009051016) (Air Quality MND). Therefore, the Development and Resource Management Department proposes to adopt a Mitigated Negative Declaration for this project.

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 or Air Quality MND. After conducting a review of the adequacy of the MEIR and Air Quality MND 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 the Air Quality MND was adopted 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 and the Air Quality MND was adopted, 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 MEIR/Air Quality MND proposed environmental finding of a mitigated negative declaration and the initial study may be obtained from the Development and Resource Management Department, Fresno City Hall, 2600 Fresno Street, 3rd Floor Fresno, Room 3076, California 93721-3604. Please contact Bonique Emerson at (559) 621-8024 for more information.

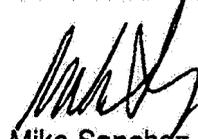
ANY INTERESTED PERSON may comment on the proposed environmental finding. Comments must be in writing and must state (1) the commentor's name and address; (2) the commentor's interest in, or relationship to, the project; (3) the environmental determination being commented upon; and (4) the specific reason(s) why the proposed environmental determination should or should not be made. Any comments may be submitted at any time between the publication date of this notice and close of business on March 11, 2013. Please direct comments to Bonique Emerson, Supervising Planner, City of Fresno Development and Resource Management Department, City Hall, 2600 Fresno Street, Room 3076, Fresno, California, 93721-3604; or by email to [Bonique.Emerson@fresno.gov](mailto:Bonique.Emerson@fresno.gov); or comments can be sent by facsimile to (559) 498-1026.

INITIAL STUDY PREPARED BY:

Bonique Emerson, Supervising Planner

DATE: February 15, 2013

SUBMITTED BY:



Mike Sanchez, Planning Manager

CITY OF FRESNO DEVELOPMENT AND  
RESOURCE MANAGEMENT DEPARTMENT

# Appendix G

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**MODIFIED APPENDIX G TO ANALYZE  
SUBSEQUENT PROJECT IDENTIFIED IN MEIR NO. 10130 / MND FOR PLAN  
AMENDMENT A-09-02 (AIR QUALITY MND) / INITIAL STUDY**

**Environmental Checklist Form  
For Environmental Assessment No. EA-13-002**

**February 15, 2013**

1.	Project title: Environmental Assessment No. EA-13-002, Martin Ray Reilly Park
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: Bonique Emerson, Supervising Planner (559) 621-8024
4.	Project location:  750 North Chestnut Avenue; Located on the east side of North Chestnut Avenue, between E. Turner Avenue and an on ramp to State Route 180.  Assessor's Parcel Number: 456-221-20T, 18T, 04T, 05T, 06T, 07T, 08T, 09T  36° 45' 12.099" N , 119° 44' 7.7418" W
5.	Project sponsor's name and address: Andrew Vanderford of the City of Fresno Public Works Department on behalf of PARCS 2101 G Street, Building A Fresno CA, 93706
6.	General plan designation: Medium Density Residential Planned Land Use
7.	Zoning: R-A ( <i>Single Family Residential-Agricultural District</i> ) zone district
8.	Description of project:  Environmental Assessment Application No. EA-13-02 was filed by Andrew Vanderford of the City of Fresno Public Works Department on behalf of the PARCS division. The City proposes to construct a new community park on approximately 3.38 acres of property located adjacent to, and just south of, State Route 180 between North Chestnut and North Garden Avenues. The Park will incorporate recreation amenities that will include, but not limited to the following:  <ul style="list-style-type: none"> <li>• Play equipment (Tot Lots designed for ages 2 to 5 and 5 to 12) with a shade structure overhead.</li> <li>• Picnic tables with overhead shade structures, benches, barbeques, etc.</li> </ul>

- Basketball court with sports lighting.
- All off-site improvements required by various agencies with jurisdiction.
- A meandering walkway around the park perimeter.
- Restroom building which includes storage room(s), custodial room, etc.
- Parking lot with trash receptacles, lighting, etc.
- A children's water play feature will be bid as an add-alternate, and will be constructed if funding is available.
- A small mechanical building (or room within restroom building) to enclose and secure all of the mechanical equipment: filters, pumps, irrigation controls, lighting controls, electrical panels and controls, security equipment, etc.
- Other typical improvements throughout the park, such as: seat walls, arbors, archways, site furniture, signs, drinking fountains, public art, flag pole(s) & banners, walk ways, fences & gates, site lighting, CMU walls, landscaping, turf, irrigation systems, security fencing, security lighting, etc.
- Sustainable Design: A \$3,000,000 grant from Proposition 84 funds is the principal source of funding for the project. The grant requires a commitment to designing and building the project using "Sustainable Techniques".

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

	Planned Land Use	Existing Zoning	Existing Land Use
<b>North</b>	State Route 180	N/A	State Route 180
<b>South</b>	Medium Density Residential	R-A <i>(Single Family Residential-Agricultural)</i>	Single Family Residential
<b>East</b>	Medium Density Residential	R-A <i>(Single Family Residential-Agricultural)</i>	Single Family Residential
<b>West</b>	Medium Density Residential Neighborhood Commercial	R-1 <i>(Single Family Residential)</i>	Single Family Residential

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement): Fresno Metropolitan Flood Control District, City of Fresno Building and Safety Division, County of Fresno Department of Public Health, and the San Joaquin Valley Air Pollution Control District.

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 No. 10130 and whether the subsequent project may cause any additional significant effect on the environment, which was not previously examined in MEIR No. 10130 ("MEIR") or the Mitigated Negative Declaration prepared for Plan Amendment A-09-02 to amend the Air Quality Element of the 2025 Fresno General Plan (SCH # 2009051016) ("Air Quality MND").

The environmental factors checked below (if any) 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"/> Utilities/Service Systems	<input type="checkbox"/> Mandatory Findings of Significance

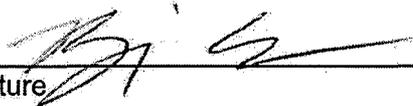
**DETERMINATION:** (To be completed by the Lead Agency)

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 and Air Quality MND because it would have no additional significant effects that were not examined in the MEIR or the Air Quality MND such that no new additional mitigation measures or alternatives may be required. All applicable mitigation measures contained in the Mitigation 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 and Air Quality MND but that it is not fully within the scope of the MEIR and Air Quality MND because the proposed project could have a significant effect on the environment that was not examined in the MEIR or Air Quality MND. 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 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 or Air Quality MND, and an ENVIRONMENTAL IMPACT REPORT is required to analyze the potentially significant effects not examined in the MEIR or Air Quality MND pursuant to Public Resources Code Section 21157.1(d) and CEQA Guidelines 15178(a).

Signature



Date

2-15-13

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 or Air Quality MND.
  - b. "Less Than Significant Impact" means there is an impact related to the threshold under consideration that was not previously examined in the MEIR or Air Quality MND, 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 or Air Quality MND, 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 or Air Quality MND.
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 and Air Quality MND because it would have no additional significant effects that were not examined in the MEIR or the Air Quality MND.
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 MIER, 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

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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	

There are no scenic vistas in the area. The project area is within a single family residential neighborhood and does not contain a scenic vista within viewing distance of the project site. Therefore, the proposed project would have no impact on a scenic vista.

The project site is not within or adjacent to a state scenic highway. The project site consists of vacant land. Given the existing conditions of the site and the surrounding area, the project will not substantially degrade the existing visual character or quality of the site and its surroundings. In fact, because the proposed project will add lush landscaping and other amenities and will eliminate a vacant lot, the proposed park will actually improve the visual character and quality of the site and its surroundings. The project 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 project review process, staff will ensure that lights comply with the requirements of the Fresno Municipal Code and/or standard drawings.

Conditions to ensure the project is aesthetically appealing will be further defined in the future submittal of a conditional use permit application. In addition, the project will be subject to the aesthetic mitigation measures identified in MEIR No. 10130 prepared for the 2025 Fresno General Plan as indicated on the attached Mitigation Monitoring Checklist dated February 15, 2013. As a result, the project will have a less than significant impact on aesthetics.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>II. AGRICULTURE AND FORESTRY RESOURCES:</b> 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:				
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

The project will not Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use because the project is not located on said areas. According to the Rural Land Mapping Edition of the Fresno County Important Farmland Map 2008, the subject site is considered "Urban and Built-Up Land". The subject site is not adjacent to, or in the vicinity of, any other land that is planned or zoned for agricultural use. In addition, based on a review of aerial photographs, it appears that the site has not been under cultivation since at least 1992. The site does not have a Williamson Act contract. The proposed project will not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. The project will not result in the loss of forest land or conversion of forest land to non-forest use because the subject property does not contain forest land. The proposed park is not expected to result in conversion of farmland to a non-agricultural use because the subject site is in a completely urban area, is designated for urban development by the 2025 Fresno General Plan, and will

serve an existing community.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY - (Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.) -- Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan (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
e) Create objectionable odors affecting a substantial number of people?				X

The proposed project will comply with the Air Quality Element of the 2025 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. The project must comply with the construction and development requirements of the San Joaquin Valley Air Pollution Control District, therefore, no violations of air quality standards will occur. The project will not occur at a scale or scope with potential to contribute substantially to existing or projected air quality violation. The project will not occur at a scale or scope which will result in a cumulatively considerable net increase of a criteria pollutant for which the project region is non-attainment.

The Roosevelt Community Plan and the 2025 Fresno General Plan designate the subject site as medium density residential and the subject site is zoned for residential uses. Given that the existing zone district allows a park use subject to a conditional use permit, the proposed project is not proposing development beyond that examined in MEIR No. 10130 for the 2025 Fresno General Plan or the Mitigated Negative

Declaration prepared for Plan Amendment A-09-02 to amend the Air Quality Element of the 2025 Fresno General Plan. The proposed project is not proposing a use which will create objectionable odors; therefore it will not create objectionable odors affecting a substantial number of people. The proposed project is not expected to generate substantial pollutant concentrations; therefore the project will create pollutants that would impact sensitive receptors.

A park could be considered a "sensitive receptor" type use. Given that there is a freeway immediately adjacent to the site, there is a potential for the exposure of sensitive receptors to substantial pollutant concentrations. In actuality, a park is less of a sensitive receptor than a single family home or a school because people do not use parks on a daily basis and are usually at parks for only a few hours at a time. In general, most people probably spend about as much time at the park as they would at an outdoor shopping mall (which usually are located near, or adjacent to, freeway onramps). Thus, a park should not be considered a sensitive receptor because it would seem that people would be exposed to substantially less pollution at a park than a single family home or a school because people do not spend significant amounts of time at parks.

Although this park is not considered a sensitive receptor, it would still benefit the community to provide as much mitigation related to air quality as possible. A 2008 wind tunnel study conducted at the University of California, Davis showed that all forms of evergreen vegetation were able to remove 30% to 80% of very fine particles at wind velocities below roughly two miles per hour during the 2 to 4 seconds in which the particles were within the vegetation chamber. Redwood and deodar were about twice as effective as live oak. For this reason, as a mitigation measure, redwood and deodar trees shall be planted along the entire perimeter of the park that abuts the Freeway 180 onramp.

Furthermore, this project must fully comply with Rule 9510 from the San Joaquin Valley Air Pollution Control District (SJVAPCD). This Rule (also called Indirect Source Review or ISR) provides for incorporation of a wide range of mitigation measures into projects, and levies fees for pollutants generated by development projects, transportation and development projects. The fees are used to provide for regional air quality improvements and mitigations. Specifically, Rule 9510 requires that operational (traffic-associated) NOX and PM10 emissions be reduced by at least 33.3% and 45%, respectively, and construction equipment NOX and PM10 emissions of projects be reduced by at least 20% and 45%, respectively.

The SJVAPCD, in a letter submitted as a response to a request for comments on this environmental assessment, indicated that the project is subject to District Rule 9510. The applicant is required to go through the Indirect Source Review Process with the air district during the Conditional Use Permit process.

The MEIR prepared for the 2025 Fresno General Plan requires that that the most current version of the URBEMIS computer model 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. In July 2012 URBEMIS was replaced by CalEEMod.

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 (CO2). The model incorporates geographically-customized data on local vehicles, weather, and SJVAPCD Rules.

The CalEEMod computer model requires information regarding the project and its setting. This analysis was done with information available at the current stage of project approval and reasonable assumptions as to timing and methods of construction. The land use data provided in CalEEMod was for a 3.38 acre City Park. Timing of construction was estimated with a start date of September of 2013 with a completion dated of October 2014.

**PROJECT CONSTRUCTION AIR QUALITY IMPACTS**

<i>[all data given in tons/year]</i>	ROG	NOx	CO	SO <sub>2</sub>	PM10	PM2.5	CO <sub>2</sub>
<b>Totals</b>	<b>0.67</b>	<b>4.60</b>	<b>3.21</b>	<b>0.00</b>	<b>0.37</b>	<b>0.33</b>	<b>500.17</b>
<b>Level of Significance</b>	10	10	100	27.375	14.6	N/A	N/A

The CalEEMod model projects that the proposed project will not exceed the threshold of significance limits for regulated air pollutants. Since the project will not be constructed and occupied during the same year, these air pollution impact factors would not be additive with the ongoing emissions related to daily activities of project occupants, as set forth in the table below.

During the construction phase of this project grading and trenching on the site may generate particulate matter pollution through fugitive dust emissions. SJVAPCD Regulation VIII addresses not only construction and demolition dust control measures, but also regulates ongoing maintenance of open ground areas that may create entrained dust from high winds. The applicant is required to provide landscaping on the project site which will contain trees to assist in the absorption of air pollutants, reduce ozone levels, and curtail storm water runoff.

**OPERATIONAL AIR QUALITY IMPACTS OF THE PROJECT**

<i>[all data given in tons/year]</i>	ROG	NOx	CO	SO <sub>2</sub>	PM10	PM2.5	CO <sub>2</sub>
<b>Totals</b>	<b>0.01</b>	<b>0.03*</b>	<b>0.05</b>	<b>0</b>	<b>0.01*</b>	<b>0.00</b>	<b>11.47</b>
<b>Level of Significance</b>	10	10	100	27.375	14.6	N/A	N/A

\*Compliance with Rule 9510, Indirect Source Review, will result in the further reduction of NOX and PM10 pollutants

In summary, with compliance with existing policies, rules, and regulations, the proposed project will not significantly impact local air quality. The proposed project will not create additional air quality impacts beyond those already assessed the MEIR prepared for the 2025 Fresno General Plan and Plan Amendment No. A-09-002 to amend the Air Quality Element of the 2025 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>
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) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				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 project will not 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, because said species are not identified to be located within the project area and because the subject site was previously occupied by single family homes. 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. The project site is not located in an area containing native residents or migratory fish or wildlife

species. The project site has no trees or other vegetation that could be considered a biological resource and thus the project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. There are several existing trees on the site, of which three will remain. The existing palm trees will be removed; however, these will be replaced with more park appropriate trees. The project area is not located within an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES -- Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?				X
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		

The project is not proposing a change to a historical or archaeological resource. There are no buildings that will be demolished in the construction of the proposed park. There are no known paleontological resources or human remains that exist within the project area, therefore there will be no change or disturbing of said resources/remains. However, previously unknown archaeological resources or human resources could be disturbed during project construction. However, measures contained within the attached Master Environmental Impact Report No. 10130- 2025 Fresno General Plan Mitigation Monitoring Checklist dated February 15, 2013 will mitigate this potential impact to less than significant.

The proposed project will implement and incorporate, as appropriate, the cultural resource related mitigation measures as identified in the attached Master Environmental Impact Report No. 10130- 2025 Fresno General Plan Mitigation Monitoring Checklist dated February 15, 2013, and thus the impacts to cultural resources will be less than significant.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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:				
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
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

The site was previously used for single family homes. There are no known geologic hazards or unstable soil conditions known to exist on the project site. Fresno has no known active earthquake faults and is not in any Alquist-Priolo Special Studies Zone. Development of the property requires compliance with grading and drainage standards of the City of Fresno and Fresno Metropolitan Flood Control District Standards. The project does not involve the use of a septic tank or an alternative waste water disposal system, therefore there is no impact to the soil. No adverse environmental effects related to topography, soils or geology are expected as a result of this project.

The proposed project is required to comply with standard requirements and procedures mandated by the County of Fresno Department of Public Health, which include requirements and procedures for the abandonment/removal of water wells, septic systems or underground storage tanks that exist or have been abandoned within the project area.

No adverse environmental effects related to topography, soils or geology are expected as a result of this project. As a mitigation measure, the applicant has been required to comply with the recommendations contained in a geotechnical study dated March 25, 2008 prepared for the subject site. In addition, implementation of the mitigation measures listed in MEIR No. 10130 and the attached MEIR Mitigation Monitoring Checklist will reduce the topographic, soils and geologic impacts to less than significant.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 has been determined to have a less than significant impact on greenhouse gases based on the guidance established by the San Joaquin Valley Air Pollution Control District (District) in the adopted document titled *Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA*. According to this document, projects can be determined to have a less than significant impact if they do any other the following: 1) Use a combination of District approved GHG Emission Reduction Measures to meet BPS; 2) Comply with an approved GHG plan or mitigation program; or 3) Reduce GHG emissions by at least 29%. **The proposed project complies with an approved GHG Mitigation program (established through Plan Amendment Application No. A-09-02).**

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. Under the MEIR and General Plan mitigation measures and policies for reducing all forms of air pollution, levels of greenhouse gases will be reduced along with other regulated air pollutants.

The proposed project will not affect greenhouse gas emissions beyond what was analyzed in the Master Environmental Impact Report No. 10130/SCH No. 2001071097 for the 2025 Fresno General Plan or by Plan Amendment Application No. A-09-02. In addition, the proposed project will implement and incorporate, as appropriate, the greenhouse gas related mitigation measures as identified in the attached Master Environmental Impact Report No. 10130- 2025 Fresno General Plan Mitigation Monitoring Checklist dated February 15, 2013, and thus the impacts will be less than significant.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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
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
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The proposed project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, because said project does not involve the operational use of hazardous materials; additionally, as such, there is no significant hazard to the public or the environment through an accident. 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 area is not located within an airport land use plan and thus will not result in a safety hazard for people residing or working in the project area. The project is also not within the vicinity of a private airstrip, therefore, it would not result in a safety hazard for people residing or working in the project area. The project will not interfere with an adopted emergency plan, but may in fact improve emergency response time given that the land in this area will be more accessible. The project area is not located near a wildland area or an SRA, therefore the project will not expose people or structures to a significant risk of loss, injury or death involving wildland fires.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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
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
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

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 historic 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.

Fresno has attempted to address these issues through metering and revisions to the City's Urban Water Management Plan and the Fresno Metropolitan Water Resource Management Plan. The purpose of these management plans is to provide safe, adequate, and dependable water supplies 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.

Implementation of the 2025 Fresno General Plan policies, the Water Resources 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. While the proposed project may be served by conventional groundwater pumping and distribution systems, full development of the 2025 Fresno General Plan boundaries is expected to require utilization of treated surface water due to inadequate groundwater aquifer recharge capabilities.

The City's Department of Public Utilities has determined that water facilities are available to provide service to the subject site as long as any on-site wells are sealed and abandoned and installation of water service and meter box is in place.

The Fresno Metropolitan Flood Control District (District) bears responsibility for storm water management within the Fresno-Clovis metropolitan area, including the area of the project site. Within the metropolitan area, storm runoff produced by land development is to be controlled through a system of pipelines and storm drainage retention basins. The proposed project lies within the District's Drainage Area "Z".

The community has developed and adopted a Storm Drainage and Flood Control Master Plan. Each property is required to contribute its pro-rata share to the cost of the public drainage system. It is this form of participation in the cost and/or construction of the drainage system that will mitigate the impact of development. Effected subject properties shall pay drainage fees pursuant to the Drainage Fee Ordinance prior to issuance of a building permit at the rates in effect at the time of such approval. The parcels incorporating the proposed park have paid drainage fees at a rural residential rate. Any adjustments to the drainage fees will be based on lot coverage at the time of entitlement processing and credit for the rural residential rate will be included.

The District requires that the storm drainage patterns for the proposed project conform to the District's Master Plan. The District will need to review and approve all improvement plans for any proposed grading, construction of curb and gutter or storm drainage facilities for conformance to the Master Plan within the project area. Specific construction requirements will be addressed with future entitlements on the effected properties that may include street reconstruction. Drainage from the site shall be directed to Chestnut and/or Garden Avenues. Permanent drainage service is available provided the developer can verify to the satisfaction of the City of Fresno that runoff can be safely conveyed to the Master Plan inlet at the northeast corner of Chestnut and Turner Avenues.

The proposed development does not appear to be located within a flood prone area.

Construction activity, including grading, clearing, grubbing, filling, excavation, development or redevelopment of land that results in a disturbance of one (1) acre or more of the total land area, or less if part of a larger plan of development or sale, must secure a storm water discharge permit in compliance with the U.S. Environmental Protection Agency's National Pollutant Discharge Elimination System regulations (CFR Parts 122-124, Nov. 1990). The permit must be secured by filing a Notice of Intent for the State General Permit for Construction Activity with the State Water Resources Control Board. The notice must be filed prior to the start of construction. Copies of the State General Permit and Notice of Intent are available at the District.

The project is not proposing residential uses and will, therefore, not place housing within a 100-year flood

hazard area. The project is not proposing any structures and will, therefore, not place any structures within a 100-year flood hazard area. The project's final improvement plans will be reviewed by the Fresno Metropolitan Flood Control District for conformance with the Storm Drainage and Flood Control Master Plan, and will, therefore, not expose people to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam. The project area is considerably built-out, and urban, and therefore not prone to seiche, tsunami or mudflow.

The mitigation measures of Master EIR No. 10130 are incorporated herein by reference and are required to be implemented by the attached mitigation monitoring checklist.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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

The project would be constructed on an approximately 3-acre site. Development of this site as a neighborhood park is consistent with the 2025 Fresno General Plan, Roosevelt Community Plan and Fresno Municipal Code, Section 12-206, "R-A" (*Single Family Residential-Agricultural District*) zone district. The subject site also has a planned trail traversing the northerly edge of the site which currently exists and will remain on the subject site when the park is developed.

The proposed project will not physically divide an established community given that the proposed park will be located on property that is currently vacant.

The proposed project will not conflict with any applicable land use plan, policy, or regulation. The proposed use is specifically allowed in the existing zone district and will be required to comply with all codes and regulations at the time of submittal of a conditional use permit. The proposed project is in compliance with several goals and policies contained in both the 2025 Fresno General Plan (General Plan) and the Roosevelt Community Plan. For example, Policy F-1-c of the General Plan states that "There will continue to be meaningful opportunities for citizen participation in the planning and development of park facilities and in creation of social, cultural, and recreational activities in the community". The proposed park and its proposed amenities were heavily vetted with the community. There were 5 separate community meetings

where the public had the ability to provide their input on the proposed project, thus allowing for "meaningful opportunities for citizen participation in the planning and development of [the] park".

The proposed project also complies with Policy 1-15.4 of the Roosevelt Community Plan, which is similar to Policy F-2-c of the General Plan, which states that "The city will negotiate with Caltrans, other public agencies, and private property owners to develop remnant parcels along freeway corridors for appropriate recreational uses". The subject site primarily consists of remnant Caltrans parcels that were not used in the construction of Freeway 180, thus complying with this policy. In addition, policy 1-15.3 of the Roosevelt Community Plan states that the City should "Prioritize the development of new park sites to provide for, and give priority to, parks in substantially developed areas. The subject site is located within a highly urbanized area that severely lacks sufficient park facilities.

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.

<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 property is not located in an area designated for mineral resource preservation or recovery and will, therefore, 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 and will, therefore, not result in the loss of availability of a locally-important mineral resource.

<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	
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

The proposed project will not expose persons to excessive noise levels. Although the project will create additional activity in the area, the project will be required to comply with all noise policies from the 2025 Fresno General Plan and noise codes from the Fresno Municipal Code. Policy H-1-d of the 2025 Fresno General Plan states that "the city shall require an acoustical analysis in those cases where a project potentially threatens to expose existing or proposed noise-sensitive land uses to excessive noise levels. The presumption of potentially excessive noise levels shall be based on the location of new noise-sensitive uses to known noise sources or staff's professional judgment that a potential for adverse noise impacts exists". Although the subject site is located near a freeway on-ramp, the on-ramp is somewhat elevated, thus diffusing some of the noise. In addition, trees will be planted on the northern portion of the subject, providing some additional diffusion of noise. The trees and the existing trail do provide a small buffer between the on-ramp and the active open space areas of the park, thus further mitigating some of the noise impacts. The proposed park abuts single family residential uses which are considered sensitive receptors. The current schematic site plan for the park depicts an approximately 10-foot wide landscape buffer that includes an ample number of trees. In addition, the Fresno Municipal Code requires that all parking areas that abut residentially zoned property have a 6-foot high wall constructed on the property line between the parking area and the residential property, which will further mitigate any noise impacts. For all of these reasons, in staff's professional judgment, the proposed project does not pose a potential for adverse noise impacts, and thus an acoustical analysis is not required.

There will be a temporary increase in noise levels during construction of the project; however, the applicant will be required to comply with all applicable codes and regulations during construction. Construction noise will be reduced through the implementation of a Fresno Municipal Code requirement that limits construction days and times. In addition, the construction to the proposed park is subject to standard rules and regulations that are incorporated into the project that will minimize potentially significant short-term localized

noise impacts to noise sensitive receivers caused by the operation of construction equipment. As part of the project, construction specifications for the project will require that all construction equipment be maintained according to the manufacturers' specifications, and that noise generating construction equipment be equipped with mufflers. Therefore, there will be a less than significant impact for temporary noise levels.

The project area not is located within an airport land use plan and thus the project will not expose people residing or working in the project area to excessive noise levels from the airport. The proposed roadway is not located within an identified noise contour identified by the airport land use plan.

Based on the above analysis, exposure to noise levels in excess of standards established in the general plan and noise ordinance is not expected and impacts related to noise will be less than significant.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 proposed project will not substantially induce population growth because the project does not propose the construction of homes. Though the project proposes an amenity for residential uses, it is not expected to cause substantial population growth in the area given that the park will accommodate already existing and planned land uses. The project will not displace existing housing, therefore it will not necessitate the construction of replacement housing. The project will not displace any people, therefore there is no need for replacement housing.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 subject site will be developed with a neighborhood park use. The development of the park will not result in physical impacts to public services. The proposed project will not affect public services beyond what was analyzed in the Master Environmental Impact Report No. 10130/SCH No. 2001071097 for the 2025 Fresno General Plan.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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

The proposed project is creating an additional park which will serve the neighboring area. The project does not include or require construction of additional recreational facilities (beyond those proposed) that might have an adverse physical effect on the environment, therefore no recreation impacts are generated by the project.

ENVIRONMENTAL ISSUES	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
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 Public Works Department reviewed the proposed project and determined that a traffic study is not required because the proposed project would not result in more than 100 peak hour trips, which would necessitate a traffic study. Thus, the proposed project is not expected to generate traffic which would significantly impact any nearby roads. Therefore, the project would have a less than significant impact and not cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system, or in a substantial increase in vehicle miles traveled.

The proposed project will not conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system because the project would not result in increasing the level of service beyond the level allowed by the 2025 Fresno General Plan. The proposed project will not conflict with a congestion management program. The project proposes a park and will, therefore, not result in a change in air traffic patterns. The park will not substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses.

The proposed project will be routed to the fire department when it is formally submitted for review. At that time, the project will be reviewed to ensure that there will be adequate emergency access. Both Caltrans and the Public Works Department have expressed concern about the vehicular access point along Chestnut Avenue. The applicant has indicated that the entrance along Chestnut Avenue will be moved further south which will alleviate any potential traffic conflicts with the freeway onramp.

The proposed project will not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities. The planned trail along the north side of the subject site shall remain. Although there is currently no direct access across North Chestnut Avenue to the subject site, there is adequate access across Chestnut Avenue to the park at Belmont Avenue to the south and Olive Avenue to the north, which are approximately 630-feet and 1,400-feet (respectively) from the site. At the time the conditional use permit is submitted, the City will work with Caltrans to see if there is a way to provide a safe crossing across North Chestnut Avenue closer to the 180 Freeway to further enhance pedestrian access to the park.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. 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

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 project site will be serviced by the Solid Waste Division and have water and sewer facilities available subject to several conditions.

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, therefore no significant environmental effects can result from the construction of said facilities. The project plans will be reviewed by the Fresno Metropolitan Control District, therefore the construction of any required storm water drainage facilities will not cause significant environmental effects. Sufficient water supplies are available to serve the project from existing resources and no new or expanded entitlements are needed. The project will generate a minimal amount of wastewater and solid waste and will, therefore, not have significant wastewater or landfill impacts. Any demolition material generated by construction activities will be disposed of properly; therefore the project will comply with federal, state and local statutes related to solid waste.

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE --				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				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 project is proposed at a size and scope which does not 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; additionally, the project site is located within an area, which has been predominantly developed with urban uses. Additionally, there are no fish or wildlife species, plant or animal community, located within the project area. There is no evidence in the record to indicate that the increment of environmental impacts that would be potentiated 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. Therefore, there are no mandatory findings of significance.

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## Project Specific Mitigation Monitoring Checklist

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**PROJECT-SPECIFIC MITIGATION MONITORING CHECKLIST  
For Environmental Assessment Application No. EA-13-002  
February 15, 2013**

This monitoring checklist for the above noted environmental assessment is being prepared in accordance with the requirements of the California Environmental Quality Act (CEQA), as required under Assembly Bill 3180, and is intended to establish a project-specific reporting/monitoring program for Environmental Assessment No. EA-13-002. Verification of implementation of these mitigation measures, in addition to the applicable measures specified for this project per the Mitigation Monitoring Checklist prepared for this project pursuant to Master Environmental Impact Report No. 10130 - 2025 Fresno General Plan, will be required upon the application for subdivision of the project site, special permits, or grading on the project site. The captions below refer to corresponding sections of the Initial Study checklist for this project, using the Appendix G format from the CEQA Guidelines.

**PROJECT SPECIFIC MITIGATION MEASURES FOR ENVIRONMENTAL ASSESSMENT NO. EA-13-002**

MITIGATION MEASURE	IMPLEMENTED BY	WHEN IMPLEMENTED	VERIFIED BY
Project shall implement and incorporate, as appropriate all mitigation measures as identified in the attached Master Environmental Impact Report No. 10130--2025 Fresno General Plan Mitigation Monitoring Checklist dated February 15, 2013.	Applicant	Processing and review of project proposal prior to approval of special permit.	City of Fresno Development & Resource Management Department;  City of Fresno, Departments of Public Works and Utilities, San Joaquin Valley Air Pollution Control District.
<b>Air Quality:</b> Redwood and deodar trees shall be planted along the entire perimeter of the park that abuts the Freeway 180 onramp.	Applicant	Processing and review of project proposal prior to approval of special permit.	City of Fresno Development & Resource Management Department
<b>Air Quality:</b> Comply with the attached letter from the San Joaquin Valley Air Pollution Control District dated February 7, 2013.	Applicant	Prior to issuance of building permits.	City of Fresno Development & Resource Management Department, San Joaquin Valley Air Pollution Control District.

PROJECT-SPECIFIC MITIGATION MONITORING CHECKLIST FOR EA NO. EA-13-002

February 15, 2013

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<p><b>Geology and Soils:</b> The developer shall comply with the recommendations (as applicable) contained in a geotechnical study prepared for the subject site and dated March 25, 2008 (Geotechnical Investigation Report- Proposed Plaza Facility SEC State Route 180 and Chestnut Avenue, Fresno California)</p>	<p>Applicant</p>	<p>Prior to issuance of grading permits.</p>	<p>City of Fresno Development &amp; Resource Management Department</p>
<p><b>Hydrology and Water Quality:</b> Comply with letter dated February 7, 2013 from the Fresno Metropolitan Flood Control District.</p>	<p>Applicant</p>	<p>Prior to issuance of grading and building permits</p>	<p>City of Fresno Development &amp; Resource Management Department and the Fresno Metropolitan Flood Control District.</p>
<p><b>Hydrology and Water Quality:</b> Comply with letter dated February 7, 2013 from the County of Fresno Department of Public Health.</p>	<p>Applicant</p>	<p>Prior to issuance of grading and building permits</p>	<p>City of Fresno Development &amp; Resource Management Department and the County of Fresno Department of Public Health.</p>
<p><b>Noise:</b> As part of the project, construction specifications for the project will require that all construction equipment be maintained according to the manufacturers' specifications, and that noise generating construction equipment be equipped with mufflers. Therefore, there will be a less than significant impact for temporary noise levels.</p>	<p>Applicant</p>	<p>During construction.</p>	<p>City of Fresno Development &amp; Resource Management Department</p>

PROJECT-SPECIFIC MITIGATION MONITORING CHECKLIST FOR EA No. EA-13-002

February 15, 2013

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<b>Noise:</b> Construct a dense landscape buffer and a 6-foot high block wall in areas where the parking lot abuts residential uses.	Applicant	During the processing and review of project proposal prior to approval of special permit.	City of Fresno Development & Resource Management Department
<b>Transportation/Traffic:</b> The entrance along Chestnut Avenue shall be moved further south than depicted on the schematic plan dated June 2011.	Applicant	During the processing and review of project proposal prior to approval of special permit.	City of Fresno Development & Resource Management Department the City of Fresno Public Works Department, and Caltrans

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# MEIR Mitigation Monitoring Checklist

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**MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) NO. 10130 / SCH No. 2001071097  
 ENVIRONMENTAL ASSESSMENT NO. A-09-02 FINDING OF MITIGATED NEGATIVE DECLARATION  
 FOR THE 2025 FRESNO GENERAL PLAN**

**Project/EA No. EA-13-02**

**Date: February 15, 2013**

**Mitigation Monitoring Checklist**

Following is the mitigation monitoring checklist from MEIR No. 10130 as applied to the above-noted project's environmental assessment, required by City Council Resolution No. 2002-378 and Exhibit E thereof (adopted on November 19, 2002) to certify the MEIR for the 2025 Fresno General Plan Update. On June 25, 2009, through its Resolution No. 2009-146, the City Council adopted Environmental Assessment No. A-09-02 confirming the finding of a Mitigated Negative Declaration prepared for General Plan Amendment Application No. A-09-02 which updated the Air Quality Section of the Resource Conservation Element of the 2025 Fresno General Plan and incorporated additional and revised mitigation measures as necessary within the following monitoring checklist.

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

**NOTE:** Letters B-Q in mitigation measures refer to the respective sections of Chapter V of MEIR No. 10130

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>B-1.</b> Development projects that are consistent with plans and policies but that could affect conditions on major street segments predicted by the General Plan MEIR traffic analysis to perform at an Average Daily Traffic (ADT) level of service (LOS) D or better in 2025, with planned street improvements, shall not cause conditions on those segments to be worse than LOS E before 2025 without completing a traffic and transportation evaluation. This evaluation will be used to determine appropriate project-specific design measures or street/transportation improvements that will contribute to achieving and maintaining LOS D.	Prior to approval of land use entitlement	Public Works Dept./Traffic Planning; Development & Resource Management Dept.	X					
<b>B-2.</b> Development projects that are consistent with plans and policies but that could affect conditions on major street segments predicted by the General Plan MEIR traffic analysis to perform at an ADT LOS E in 2025, with planned street improvements, shall not cause conditions on those segments to be worse than LOS E before 2025 without completing a traffic and transportation evaluation. This evaluation will be used to determine appropriate project-specific design measures or street/ transportation improvements that will contribute to achieving and maintaining LOS E.	Prior to approval of land use entitlement	Public Works Dept./Traffic Planning; Development & Resource Management Dept.						X
<b>B-3.</b> Development projects that are consistent with plans and policies but that	Prior to approval	Public Works						X

**MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) NO. 10130 / SCH No. 2001071097  
FOR THE 2025 FRESNO GENERAL PLAN**

Project/EA No. EA-13-02

Date: February 15, 2013

**MEIR Mitigation Monitoring Checklist**

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY							
			A	B	C	D	E	F	
could affect conditions on major street segments predicted by the General Plan MEIR traffic analysis to perform at an ADT LOS F shall not cause further substantial degradation of conditions on those segments before 2025 without completing a traffic and transportation evaluation. This evaluation will be used to determine appropriate project-specific design measures or street/transportation improvements that will contribute to achieving and maintaining a LOS equivalent to that anticipated by the General Plan. Further substantial degradation is defined as an increase in the peak hour vehicle/capacity (v/c) ratio of 0.15 or greater for roadway segments whose v/c ratio is estimated to be 1.00 or higher in 2025 by the General Plan MEIR traffic analysis.	of land use entitlement	Dept./Traffic Planning; Development & Resource Management Dept.							
<b>B-4.</b> For development projects that are consistent with plans and policies, a site access evaluation shall be required to the satisfaction of the Public Works Director. This evaluation shall, at a minimum, focus on the following factors:  a. Disruption of vehicular traffic flow along adjacent major streets, appropriate design measures for on-site vehicular circulation and access to major streets (number, location and design of driveway approaches), and linkages to bicycle/pedestrian circulation systems and transit services.  b. In addition, for development projects that the City determines may generate a projected 100 or more peak hour vehicle trips (either in the morning or evening), the evaluation shall determine the project's contribution to increased peak hour vehicle delay at major street intersections adjacent or proximate to the project site. The evaluation shall identify project responsibilities for intersection improvements to reduce vehicle delay consistent with the LOS anticipated by the 2025 Fresno General Plan. For projects which affect State Highways, the Public Works Director may direct the site access evaluation to reference the criteria presented in Caltrans Guide for the Preparation of Traffic Impact Studies.	Prior to approval of final roadway design	Public Works Dept.	X						
<b>B-5.</b> Circulation and site design measures shall be considered for	Prior to approval	Public Works	X						

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

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

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

**MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) NO. 10130 / SCH No. 2001071097  
FOR THE 2025 FRESNO GENERAL PLAN**

Project/EA No. EA-13-02

Date: February 15, 2013

**MEIR Mitigation Monitoring Checklist**

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
development projects so that local trips may be completed as much as possible without use of, or with reduced use of, major streets and major street intersections. Appropriate consideration must also be given to compliance with plan policies and mitigation measures intended to promote compatibility between land uses with different traffic generation characteristics.	of final roadway design	Dept.						
<b>B-6.</b> New development projects and major street construction projects shall be designed with consideration and implementation of appropriate features (considering safety, convenience and cost-effectiveness) to encourage walking, bicycling, and public transportation as alternative modes to the automobile.	Prior to approval of final roadway design	Public Works Dept.	X			X		
<b>B-7.</b> Bicycle and pedestrian travel and use of public transportation shall be facilitated as alternative modes of transportation including, but not limited to, provision of bicycle, pedestrian and public transportation facilities and improvements to connect residential areas with public facilities, shopping and employment. Adequate rights-of-way for bikeways, preferably as bicycle lanes, shall be provided on all new major streets and shall be considered when designing improvements for existing major streets.	Prior to approval of final roadway design	Public Works Dept.	X			X	X	
<b>C-1.</b> In cooperation with other jurisdictions and agencies in the San Joaquin Valley Air Basin, the City shall take the following necessary actions to achieve and maintain compliance with state and federal air quality standards and programs. a. Develop and incorporate air quality maintenance considerations into the preparation and review of land use plans and development proposals. b. Maintain internal consistency within the General Plan between policies and programs for air quality resource conservation and the policies and programs of other General Plan elements. c. City departments preparing environmental review documents shall use computer models (software approved by local and state air quality and	Ongoing	Development & Resource Management Dept. and Public Works Dept.	X			X		

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

**MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) NO. 10130 / SCH No. 2001071097  
FOR THE 2025 FRESNO GENERAL PLAN**

Project/EA No. EA-13-02

Date: February 15, 2013

**MEIR Mitigation Monitoring Checklist**

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<p>congestion management agencies) to estimate air pollution impacts of development entitlements, land use plans and amendments to land use regulations.</p> <p>d. Adopted state and SJVAPCD protocols, standards, and thresholds of significance for greenhouse gas emissions shall be utilized in assessing and approving proposed development projects.</p> <p>e. Continue to route information regarding land use plans, development projects, and amendments to development regulations to the SJVAPCD for that agency's review and comment on potential air quality impacts.</p>								
<b>C-2.</b> For development projects potentially meeting SJVAPCD thresholds of significance and/or thresholds of applicability for the Indirect Source Review Rule (Rule 9510) in their unmitigated condition, project applicants shall complete the SJVAPCD Indirect Source Review Application prior to approval of the development project. Mitigation measures incorporated into the ISR analysis shall be incorporated into the project as conditions of approval and/or mitigation measures, as may be appropriate.	Prior to approval of final roadway design	Public Works Dept. and SJVAPCD	X		X			
<b>C-3.</b> The City shall implement all of the Reasonably Available Control Measures (RACM) identified in Exhibit A of Resolution No. 2002-119, adopted by the Fresno City Council on April 9, 2002. These measures are presented in full detail in Table VC-3 of the MEIR.	Ongoing	Various city departments					X	
<b>C-4.</b> The City shall continue efforts to improve technical performance, emissions levels and system operations of the Fresno Area Express transit system, through such measures as:	Ongoing	Fresno Area Express					X	
<p>a. Selecting and maintaining bus engines, transmissions, fuels and air conditioning equipment for efficiency and low air pollution emissions.</p> <p>b. Siting new transit centers and other multi-modal transportation transfer facilities to maximize utilization of mass transit.</p> <p>c. Continuing efforts to improve transit on-time performance, increase</p>								

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B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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**MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) NO. 10130 / SCH No. 2001071097  
FOR THE 2025 FRESNO GENERAL PLAN**

Project/EA No. EA-13-02

Date: February 15, 2013

**MEIR Mitigation Monitoring Checklist**

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY						
			A	B	C	D	E	F
frequency of service, extend hours of operation, add express bus service and align routes to capture as much new ridership as possible. d. Initiating a program to allow employers and institutions (e.g., educational facilities) to purchase blocks of bus passes at a reduced rate to facilitate their incentive programs for reducing single-passenger vehicle use.								
<b>D-1.</b> The City shall monitor impacts of land use changes and development project proposals on water supply facilities and the groundwater aquifer.	Ongoing	Dept of Public Utilities and Development & Resource Management Dept.					X	
<b>D-2.</b> The City shall ensure the funding and construction of facilities to mitigate the direct impacts of land use changes and development within the 2025 General Plan boundaries. Groundwater wells, pump stations, intentional recharge facilities, potable and recycled water treatment and distribution systems shall be expanded incrementally to mitigate increased water demands. Site specific environmental evaluations shall precede the construction of these facilities. Results of this evaluation shall be incorporated into each project to reduce the identified environmental impacts.	Ongoing (City-wide); and prior to approval of land use entitlement as applicable	Department of Public Utilities and Development & Resource Management Dept.					X	
<b>D-3.</b> The City shall implement the future water supply plan described in the City of Fresno Metropolitan Water Resources Management Plan Update and shall continue to update this Plan as necessary to ensure the cost-effective use of water resources and continued availability of good-quality groundwater and surface water supplies.	Ongoing	Department of Public Utilities				X		
<b>D-4.</b> The City shall work with the Fresno Metropolitan Flood Control District to prevent and reduce the existence of urban stormwater pollutants to the maximum extent practical and ensure that surface and groundwater quality, public health, and the environment shall not be adversely affected by urban	Ongoing	FMFCD and Public Works Dept.	X				X	

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runoff, and shall comply with NPDES standards.								
<b>D-5.</b> The City shall preserve undeveloped areas within the 100-year floodway within the city and its general plan area, particularly the San Joaquin Riverbottom, for uses that will not involve permanent improvements which would be adversely affected by periodic floods. The City shall expand this protected area in the Riverbottom pursuant to expanded floodplain and/or floodway maps, regulations, and policies adopted by the Central Valley Flood Protection Board and the National Flood Insurance Protection Program.	Ongoing	Development & Resource Management Dept.				X	X	X
<b>D-6.</b> The City shall establish special building standards for private structures, public structures and infrastructure elements in the San Joaquin Riverbottom that will protect: a. Allowable construction in this area from being damaged by the intensity of flooding in the riverbottom; b. Water quality in the San Joaquin River watershed from flood damage-related nuisances and hazards (e.g., the release of raw sewage); and c. Public health, safety and general welfare from the effects of flood events.	Ongoing	Development & Resource Management Dept.					X	X
<b>D-7.</b> The City shall advocate that the San Joaquin River not be channelized and that levees shall not be used in the river corridor for flood control, except those alterations in river flow that are approved for surface mining and subsequent reclamation activities for mined sites (e.g., temporary berms and small side-channel diversions to control water flow through ponds).	Ongoing	Development & Resource Management Dept.					X	X
<b>D-8.</b> The City shall maintain a comprehensive, long-range water resource management plan that provides for appropriate management and use of all sources of water available to the planning area, and shall periodically update this plan to ensure that sufficient and sustainable water supplies of good quality will be economically available to accommodate existing and planned	Ongoing	Department of Public Utilities			X		X	

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			A	B	C	D	E	F	
urban development. Project-specific and city-wide water conservation measures shall be directed toward assisting in reaching the goal of balancing City groundwater operations by 2025.									
D-9. The City shall continue its current water conservation programs and implement additional water conservation measures to reduce overall per capita water use within the City with a goal of reducing the overall per capita water use in the City to its adopted target consumption rate. The target per capita consumption rate adopted in 2008 is a citywide average of 243 gallons per person per day, intended to be reached by 2020 (which includes anticipated water conservation resulting from the on-going residential water metering program and additional water conservation by all customers: 5% by 2010, and an additional 5% by 2020.)	Ongoing	Department of Public Utilities			X			X	
D-10. All development projects shall be required to comply with City Department of Public Utilities conditions intended for the City to reach its overall per capita water consumption rate target. Project conditions shall include, but are not limited to, water use efficiency for landscaping, use of artificial turf and native plant materials, reducing turf areas, and discouraging the development of artificial lakes, fountains and ponds unless only untreated surface water or recycled water supplies are used for these decorative and recreational water features, as appropriate and sanitary.	Prior to approval of land use entitlement	Department of Public Utilities	X						
D-11. When and if the City adopts a formal management plan for recycled and/or reclaimed water, all development shall comply with its standards and requirements. Absent a formal management plan for recycled and/or reclaimed water, new development projects shall install reasonably necessary infrastructure, facilities and equipment to utilize reclaimed and recycled water for landscape irrigation, decorative fountains and ponds, and other water-consuming features, provided that use of reclaimed or recycled water is determined by the Department of Public Utilities to be feasible, sanitary, and energy-efficient.	Prior to approval of development project	Department of Public Utilities	X						

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			<p>D-12. All applicants for development projects shall provide data (meeting City Department of Public Utilities criteria for such data) on the anticipated annual water demand and daily peak water demand for proposed projects. If a development project would increase water demand at a project location (or for a type of development) beyond the levels allocated in the version of the City's Urban Water Management Plan (UWMP) in effect at the time the project's environmental assessment is conducted, the additional water demand will be required to be offset or mitigated in a manner acceptable to the City Department of Public Utilities. Allocated water demand rates are set forth in Table 6-4 of the 2008 UWMP as follows:</p> <table border="1"> <thead> <tr> <th rowspan="2">FOR GROSS DEVELOPED PROJECT ACREAGE OF THE FOLLOWING DEVELOPMENT CATEGORIES  (Analysis shall include acreage to all street centerlines.)</th> <th colspan="3">PER-UNIT FACTORS, in acre-ft/acre/yr, for projects projected to be completed during these intervals:</th> </tr> <tr> <th>01/01/2005 THROUGH 12/31/2010</th> <th>01/01/2010 THROUGH 12/31/2024</th> <th>AFTER 01/01/2025</th> </tr> </thead> <tbody> <tr> <td>Single family residential</td> <td>3.8</td> <td>3.5</td> <td>3.5</td> </tr> <tr> <td>Multi-family residential</td> <td>6.5</td> <td>6.2</td> <td>6.2</td> </tr> <tr> <td>Commercial and institutional</td> <td>2</td> <td>1.9</td> <td>1.9</td> </tr> <tr> <td>Industrial</td> <td>2</td> <td>1.9</td> <td>1.9</td> </tr> <tr> <td>Landscaped open space</td> <td>3</td> <td>2.9</td> <td>2.9</td> </tr> <tr> <td>South East Growth Area</td> <td>3.4</td> <td>3.2</td> <td>3.2</td> </tr> </tbody> </table> <p>NOTE: The above land use classifications and demand allocation factors may be amended in future updates of the Urban Water Management Plan</p>						FOR GROSS DEVELOPED PROJECT ACREAGE OF THE FOLLOWING DEVELOPMENT CATEGORIES  (Analysis shall include acreage to all street centerlines.)	PER-UNIT FACTORS, in acre-ft/acre/yr, for projects projected to be completed during these intervals:			01/01/2005 THROUGH 12/31/2010	01/01/2010 THROUGH 12/31/2024	AFTER 01/01/2025	Single family residential	3.8	3.5	3.5	Multi-family residential	6.5	6.2	6.2	Commercial and institutional	2	1.9	1.9	Industrial	2	1.9	1.9	Landscaped open space	3	2.9	2.9	South East Growth Area	3.4	3.2	3.2	X		
FOR GROSS DEVELOPED PROJECT ACREAGE OF THE FOLLOWING DEVELOPMENT CATEGORIES  (Analysis shall include acreage to all street centerlines.)	PER-UNIT FACTORS, in acre-ft/acre/yr, for projects projected to be completed during these intervals:																																									
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<p>Prior to approval of development project</p>			<p>Department of Public Utilities</p>																																							

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**MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) NO. 10130 / SCH No. 2001071097  
FOR THE 2025 FRESNO GENERAL PLAN**

Project/EA No. EA-13-02

Date: February 15, 2013

**MEIR Mitigation Monitoring Checklist**

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
D-13. The City will conform to the requirements of Waste Discharge Requirements Order 5-01-254, including groundwater monitoring and subsequent Best Practical Treatment and Control (BPTC) assessment and findings.	Ongoing	Department of Public Utilities					X	
E-1. The City shall continue to implement and pursue strengthening of urban growth management service delivery requirements and annexation policy agreements, including urging that the county continue to implement similar measures within the boundaries of the 2025 Fresno General Plan, to promote contiguous urban development and discourage premature conversion of agricultural land.	Ongoing	Development & Resource Management Dept.					X	
E-2. To minimize the inefficient conversion of agricultural land, the City shall pursue the appropriate measures to ensure that development within the planned urban boundary occurs consistent with the General Plan and that urban development occurs within the city's incorporated boundaries.	Ongoing	Development & Resource Management Dept.			X		X	
E-3. The City shall pursue appropriate measures, including recordation of right to farm covenants, to ensure that agricultural uses of land may continue within those areas of transition where planned urban areas interface with planned agricultural areas.	Ongoing	Development & Resource Management Dept.						X
E-4. Development of agricultural land, or fallow land adjacent to land designated for agricultural uses, shall incorporate measures to reduce the potential for conflicts with the agricultural use. Implementation of the following measures shall be considered: a. Including a buffer zone of sufficient width between proposed residences and the agricultural use. b. Restricting the intensity of residential uses adjacent to agricultural lands. c. Informing residents about possible exposure to agricultural chemicals. d. Where feasible and permitted by law, exploring opportunities for	Ongoing	Development & Resource Management Dept.						X

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agricultural operators to cease aerial spraying of chemicals and use of heavy equipment near proposed residences. e. Recordation of right to farm covenants to ensure that agricultural uses of land can continue.								
F-1. The City shall ensure the provision for adequate trunk sewer and collector main capacities to serve existing and planned urban and economic development, including existing developed uses not presently connected to the public sewer system, consistent with the Wastewater Master Plan. Where appropriate, the City will coordinate with the City of Clovis and other agencies to ensure that planning and construction of facilities address regional needs in a comprehensive manner.	Ongoing	Dept. of Public Utilities and Development & Resource Management Dept.			X		X	
F-2. The City shall continue the development and use of citywide sewer flow monitoring and computerized flow modeling to ensure the availability of sewer collection system capacity to serve planned urban development.	Ongoing	Dept. of Public Utilities					X	
F-2-a. The City shall provide for containment and management of leathers and sludge adequate to prevent groundwater degradation.	Ongoing	Dept. of Public Utilities					X	X
F-3. The City shall ensure the provision of adequate sewage treatment and disposal by using the Fresno-Clovis Regional Wastewater Reclamation Facility as the primary facility when economically feasible for all existing and new development within the General Plan area. Smaller, subregional wastewater treatment facilities may also be constructed as part of the regional wastewater treatment system, when appropriate. This shall include provision of tertiary treatment facilities to produce recycled water for landscape irrigation and other non-potable uses. Site specific environmental evaluation and development of Waste Discharge Requirements by the Regional Water Quality Control Board shall precede the construction of these facilities. Mitigation measures	Ongoing	Dept. of Public Utilities			X		X	

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identified in these evaluations shall be incorporated into each project to reduce the identified environmental impacts.								
<b>F-4.</b> The City shall ensure that adequate trunk sewer capacity exists or can be provided to serve proposed development prior to the approval of rezoning, special permits, tract maps and parcel maps, so that the capacities of existing facilities are not exceeded.	Ongoing/prior to approval of land use entitlement	Dept. of Public Utilities and Development & Resource Management Dept.	X					
<b>F-5.</b> The City shall provide adequate solid waste facilities and services for the collection, transfer, recycling, and disposal of refuse for existing and planned development within the City's jurisdiction. Site specific environmental evaluation shall precede the construction of these facilities. Results of this evaluation shall be incorporated into each project to reduce the identified environmental impacts.	Ongoing/prior to construction	Dept. of Public Utilities	X					
<b>G-1.</b> Site specific environmental evaluation shall precede the construction of new police and fire protection facilities. Results of this evaluation shall be incorporated into each project to reduce the identified environmental impacts.	Ongoing/prior to construction	Fire Dept/Police Dept/ Development & Resource Management Dept.						X
<b>H-1.</b> Site specific environmental evaluation shall precede the construction of new public parks. Results of this evaluation shall be incorporated into the park design to reduce the environmental impacts.	Ongoing/prior to construction	Parks and Recreation Dept. & Development & Resource	X		X			

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MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
		Management Dept.						
I-1. Projects that could adversely affect rare, threatened or endangered wildlife and vegetative species (or may have impacts on wildlife, fish and vegetation restoration programs) may be approved only with the consent of the California Department of Fish and Game (and the U.S. Fish and Wildlife Service, as appropriate) that adequate mitigation measures are incorporated into the project's approval.	Ongoing/prior to approval of land use entitlement	Development & Resource Management Dept.						X
I-2. Where feasible, development shall avoid disturbance in wetland areas, including vernal pools and riparian communities along rivers and streams. Avoidance of these areas shall including siting structures at least 100 feet from the outermost edge of the wetland. If complete avoidance is not possible, the disturbance to the wetland shall be minimized to the maximum extent possible, with restoration of the disturbed area provided. New vegetation shall consist of native species similar to those removed.	Ongoing/prior to approval of land use entitlement	Development & Resource Management Dept.						X
I-3. Where wetlands or other sensitive habitats cannot be avoided, replacement habitat at a nearby off-site location shall be provided. The replacement habitat shall be substantially equivalent in nature to the habitat lost and shall be provided at a ratio suitable to assure that, at a minimum, there is no net less of habitat acreage or value. Typically, the U.S. Fish and Wildlife Service and California Department of Fish and Game require a ratio of three replacement acres for every one acre of high quality riparian or wetland habitat lost.	Ongoing/prior to approval of land use entitlement and during construction	Development & Resource Management Dept.						X
I-4. Existing and mature riparian vegetation shall be preserved to the extent feasible, except when trees are diseased or otherwise constitute a hazard to persons or property. During construction, all activities and storage of equipment shall occur outside of the drip lines of any trees to be preserved.	Ongoing/prior to approval of land use entitlement and during construction	Development & Resource Management Dept.						X

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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5. Within the identified riparian corridors, environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values and only uses consistent with these values shall be allowed (e.g., nature education and research, fishing and habitat enhancement and protection).	Ongoing/prior to approval of land use entitlement and during construction	Development & Resource Management Dept.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
I-6. All areas within identified riparian corridors shall be maintained in a natural state or limited to recreation and open space uses. Recreation shall be limited to passive forms of recreation, with any facilities that are constructed required to be non-intrusive to wildlife or sensitive species.	Ongoing/prior to approval of land use entitlement and during construction	Development & Resource Management Dept.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
J-1. If the site of a proposed development or public works project is found to contain unique archaeological or paleontological resources, and it can be demonstrated that the project will cause damage to these resources, reasonable efforts shall be made to permit any or all of the resource to be scientifically removed, or it shall be preserved in situ (left in an undisturbed state). In situ preservation may include the following options, or equivalent measures: a. Amending construction plans to avoid the resources. b. Setting aside sites containing these resources by deeding them into permanent conservation easements. c. Capping or covering these resources with a protective layer of soil before building on the sites. d. Incorporating parks, green space or other open space into the project to leave these resources undisturbed and to provide a protective cover over them. e. Avoiding public disclosure of the location of these resources until or unless the site is adequately protected from vandalism or theft.	Ongoing	Public Works Dept.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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<b>J-2.</b> An archaeological assessment shall be conducted for the project if prehistoric human relics are found that were not previously assessed during the environmental assessment for the project. The site shall be formally recorded, and archaeologist recommendations shall be made to the City on further site investigation or site avoidance/ preservation measures.	Ongoing	Public Works Dept.	X				X	
<b>J-3.</b> If there are suspected human remains, the Fresno County Coroner shall be contacted immediately. If the remains or other archaeological materials are possibly of Native American origin, the Native American Heritage Commission shall be contacted immediately, and the California Archaeological Inventory's Southern San Joaquin Valley Information Center shall be contacted to obtain a referral list of recognized archaeologists.	Ongoing	Public Works Dept./Historic Preservation Commission staff	X				X	
<b>J-4.</b> Where maintenance, repair stabilization, rehabilitation, restoration, preservation, conservation or reconstruction of the historical resource will be conducted consistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings (Weeks and Grimmer, 1995), the project's impact on the historical resource shall generally be considered mitigated below a level of significance and thus not significant.	Ongoing	Development & Resource Management Dept./ Historic Preservation Staff						X
<b>K-1.</b> The City shall adopt the land use noise compatibility standards presented in Figure VK-2 for general planning purposes.	Ongoing	Development & Resource Management Dept.					X	
<b>K-2.</b> Any required acoustical analysis shall be performed as required by	Ongoing/upon	Development &	X					

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<p>Policy H-1-d of the 2025 Fresno General Plan for development projects proposing residential or other noise sensitive uses as defined by Policy H-1-a, to provide compliance with the performance standards identified by Policies H-1-a and H-1-k. (Note: all are policies of the 2025 Fresno General Plan.)</p> <p>The following measures can be used to mitigate noise impacts; however, impacts may not be fully mitigated within the 70 dBA noise contour areas depicted on Figure VK-4.</p> <ul style="list-style-type: none"> <li>■ Site Planning. See Chapter V for more details.</li> <li>■ Barriers. See Chapter V for more details.</li> <li>■ Building Designs. See Chapter V for more details.</li> </ul>	submittal of land use entitlement application	Resource Management Dept.						
<p>K-3. The City shall continue to enforce the California Administrative Code, Title 24, Noise Insulation Standards. Title 24 requires that an acoustical analysis be performed for all new multi-family construction in areas where the exterior sound levels exceed 60 CNEL. The analysis shall ensure that the building design limits the interior noise environment to 45 CNEL or below.</p>	Ongoing/prior to building permit issuance	Development & Resource Management Dept.					X	X
<p>L-1. Any construction that occurs as a result of a project shall conform to current Uniform Building Code regulations which address seismic safety of new structures and slope requirements. As appropriate, the City shall require a preliminary soils report prior to subdivision map review to ascertain site specific subsurface information necessary to estimate foundation conditions. This report shall reference and make use of the most recent regional geologic maps available from the California Department of Conservation, Division of Mines and Geology.</p>	Ongoing	Development & Resource Management Dept.	X					X
<p>N-1. The City shall cooperate with appropriate energy providers to ensure the provision of adequate energy generated and distribution facilities, including environmental review as required.</p>	Ongoing	Development & Resource Management Dept.						X

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<p><b>Q-1.</b> The City shall establish and implement design guidelines applicable to all commercial and manufacturing zone districts. These design guidelines will require consideration of the appearance of non-residential buildings that are visible to pedestrians and vehicle drivers using major streets or are visible from proximate properties zoned or planned for residential use.</p>	Ongoing	Development & Resource Management Dept.						X

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## MEIR Review Summary

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## **MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) REVIEW SUMMARY**

**Projected Population and Housing.** The City of Fresno experienced a period of notable growth in the construction of single family residences over the first five-year period of the 2025 Fresno General Plan (2003 through 2007). However, this development has occurred within the parameters anticipated by the General Plan and the mitigation measures established by Master Environmental Impact Report (MEIR 10130/SCH 2001071097). The General Plan and its MEIR utilized a projected population growth rate for purposes of land use and resource planning. This projection anticipated an annual average population growth of approximately 1.9 percent over the 23-year planning period. Population estimates provided by the State of California Department of Finance (DOF) indicate a population growth of approximately 60, 000 people between 2002 and 2007 with a growth rate varying from 1.47 to 1.97 percent per year. These estimates are well within the growth projections of the General Plan and MEIR.

The City has processed 110 plan amendment applications since the adoption of the 2025 Fresno General Plan. These applications have resulted in changes of planned land use that affected approximately 1,000 acres, representing approximately one percent of the land area within the 2025 Fresno General Plan boundary. The impacts of these amendments are minimal and not significant in relation to the balance of the density and intensity of the land uses impacted by the plan amendment applications.

Based upon this, many of the assumptions relied upon for the MEIR to address other impacts, such as traffic, air quality, need for public utilities, services and facilities and water supplies are still valid to the extent that these assumptions relied upon projected population growth during the General Plan planning period. For this reason and the others provided below, the Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known pursuant to CEQA Guideline Section 15179(b)(1) and the MEIR may still be relied upon.

**Transportation and Circulation.** Subsequent to the certification of the MEIR the City of Fresno has required the preparation of approximately 200 site specific traffic impact studies and had required the provision of street, intersection signalization and transportation improvements in accordance with the adopted mitigation measures of the MEIR. The City's Traffic Engineer reports that through review of these approximately 200 traffic impact studies, the City has not seen traffic counts substantially different than those predicted by the MEIR. Concurrently with these efforts, the City adopted a new program for traffic signal and major street impact fees to pay for planned improvements throughout Fresno (not just in new growth areas, as has been the case with the previous impact fee program). These fees will more comprehensively provide for meeting transportation infrastructure needs and will expedite reimbursement for developments, which construct improvements that exceed the project's proportionate share of the corresponding traffic or transportation capacity needs.

In addition to the local street system, the City has entered into an agreement with the California Department of Transportation to collect impact fees for state highway facilities which may be impacted by new development projects. The City participates in the Fresno County Transportation Authority, which recently was successful in obtaining voter re-authorization of a

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half-cent sales tax to be dedicated to a wide range of transportation facilities and programs (including mass transit). The City is also an active participant in ongoing regional transportation planning efforts, such as a freeway deficiency study, a corridor study for one or more additional San Joaquin River crossings, and the State's "Blueprint for the Valley" process. All these studies were commenced after the MEIR was certified, but none of them is yet completed. Therefore, it cannot be concluded that Fresno's environmental setting or the MEIR analysis of traffic and circulation have materially changed since November of 2002.

Therefore, Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known based upon traffic impacts pursuant to CEQA Guideline Section 15179(b)(1).

**Air Quality and Global Climate Change** Staff has worked closely with the regional San Joaquin Valley Air Pollution Control District (SJVAPCD) since the November 2002 certification of the 2025 Fresno General Plan Master Environmental Impact Report (MEIR). Potential air quality impacts have been analyzed for every environmental assessment initial study done for City development projects. Projects are required to comply with SJVAPCD rules and regulations via conditions of approval and mitigation measures formulated in the MEIR.

Overall, revisitation of these issues leads to the conclusion that, while there have been changes in air quality laws, planning requirements, and rules and regulations since certification of the MEIR, the actual environmental setting has not evidenced degradation of air quality. (Because air quality and global climate change are matters of some public controversy, additional documentation has been supplied on this issue; please refer to the appended full analysis with supporting data.)

In conjunction with SJVAPCD attainment plans and attendant rules and regulations that were adopted prior to the certification of the MEIR, policies in the 2025 Fresno General Plan and MEIR mitigation measures aimed at improving air quality appear to be working. Since 2002, data show that pollutant levels have been steadily decreasing for ozone/oxidants and for particulate matter (10 microns and 2 microns in size). Recent adoption of new air quality attainment plans by SJVAPCD, calling for broader and more stringent rules and regulations to achieve compliance with national and state standards, is expected to accelerate progress toward attainment of clean air act standards.

Analysis of global climate change analysis was not part of the MEIR in 2002, due to lack of scientific consensus on the matter and a lack of analytical tools. However, under the MEIR and General Plan mitigation measures and policies for reducing all forms of air pollution, levels of greenhouse gases have been reduced along with the other regulated air pollutants. At this point in time, detailed analysis and conclusions as to the significance of greenhouse gas emissions and strategies for mitigation are still not feasible, because the legislatively-mandated greenhouse gas inventory benchmarking and the environmental analysis policy formulation tasks of the California Environmental Protection Agency Air Resources Board and the Governor's Office of Planning and research are not completed. The information available does not support any conclusion that the construction of Martin Ray Reilly Park and related street improvements or other City projects would have a significantly adverse impact on global climate change. Similarly, there is insufficient information to conclude that global climate change would have a significantly adverse impact upon the City of Fresno or specific development projects.

Staff is not aware of any particular circumstance or information that would make impacts to air quality a reasonably foreseeable impact or more severe impact from that identified in the MEIR. Therefore, Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known based upon air quality impacts pursuant to CEQA Guideline Section 15179(b)(1).

**Water Supply, Quality and Hydrology.** The City of Fresno has initiated, continued and completed numerous projects addressing general plan and MEIR provisions relating maintaining an adequate supply of safe drinking water to serve present and future projected needs. A water meter retrofit program to meter service to all consumers by the end of the year 2012 is underway, in compliance with State law that predated the MEIR and with new regulations affecting the U.S. Bureau of Reclamation Central Valley Project. (While the federal regulation has trumped a voter-approved City charter amendment that specifically prohibited using meters for residential development, the City's plans and policies have always contained measures calling for water conservation and for seeking ways to reduce average consumption of households. Metering is recognized as the best implementation measure for this, and does not constitute a change in the City's environmental setting or the analysis and mitigation in the 2025 Fresno General Plan MEIR.) After certification of the MEIR, the City commenced operation of its northeast area surface water treatment facility; initiated and began construction of additional groundwater wells with granular activated carbon filtration systems as necessary to remediate groundwater contamination that was discussed in the MEIR and its mitigation measures; provided for additional groundwater recharge areas; and expanded its network of water transmission main pipeline improvements allowing for improved distribution of water supply.

As called for in 2025 General Plan policies and MEIR mitigation measures, the City has implemented several programs for preventing water pollution: In conjunction with Fresno Metropolitan Flood Control District and the Regional Water Quality Control Board (RWQCB) City inspectors assist in enforcing the National Pollutant Discharge Elimination System Stormwater Pollution Prevention regulations, The Planning and Development Department also consults with RWQCB on specific development projects which may require on-site wastewater treatment, and provides project-specific conditions and even supplemental environmental analysis for such projects, with specific mitigation measures. The City's Department of Public Utilities has enhanced its industrial pretreatment permitting program for industrial wastewater generators who discharge to the Fresno-Clovis Wastewater Treatment and Reclamation Facility.

Staff is not aware of any particular circumstance or information that would make impacts to water supply, quality and hydrology a reasonably foreseeable impact or more severe impact from that identified in the MEIR. The Director of Public Utilities finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known based upon traffic impacts pursuant to CEQA Guideline Section 15179(b)(1).

**Agricultural Resources.** The implementation of applicable policies since adoption of the 2025 Fresno General Plan has encouraged the development of urban uses in a more systematic pattern that avoids discontinuity and the creation of vacant by-passed properties. These efforts, together with the requirement to record "right-to-farm" covenants, facilitate the continuation of existing agricultural uses within the city's planned urban growth boundary during the interim period preceding orderly development of the property as anticipated by the General Plan. Staff is not aware of any particular circumstance or information that would make impacts from loss of agricultural resources a reasonably foreseeable impact or more severe impact from that

identified in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to loss of agricultural resources pursuant to CEQA Guideline Section 15179(b)(1).

**Demand for Utilities and Service Systems.** The City of Fresno has continued to provide for utilities and service systems commensurate with the demands of increased population and employment within its service area, implementing policies of the 2025 Fresno General Plan and conforming to MEIR mitigation measures. Programmatic measures have been continued, expanded or initiated to increase the efficiencies of providing services in a manner that will reduce potential impacts upon the natural and human environment. These improvements have included bringing the City's first surface water treatment plant on-line to distribute treated surface water, thereby preventing a worsening of groundwater overdraft in northeast Fresno; converting a substantial portion of the City's service vehicle fleet to alternative fuels; and expanding recycling and conservation measures (including contracting with a major material sorting and recycling facility and a green waste processor to comply with AB 939 solid waste reduction mandates) to more judiciously use resources and minimize adverse impacts the environment. Adoption of City-wide police and fire facility development impact fees and a contract to consolidate fire service with an adjacent fire prevention district have been accomplished to assure the provision of adequate firefighting capacity to serve a broader geographic extend of urban development and more intensive and mixed-use development throughout the metropolitan area.

Because these changes were anticipated in, or provided for by, the 2025 Fresno General Plan and its MEIR mitigation measures, they do not constitute a significant or adverse alteration of Fresno's environmental setting. Staff is not aware of any particular circumstance or information that would make impacts from increased demand for utilities and service systems and public facilities a reasonably foreseeable impact or more severe impact from that identified in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to increased demand for utilities, service systems, and public facilities pursuant to CEQA Guideline Section 15179(b)(1).

**Demand for Recreational Facilities.** The City of Fresno has adopted and City-wide parks facility and Quimby Act fee which provides for the acquisition of new open space and recreation facilities as well as improvements to existing facilities and programs to provide a broader range of recreation opportunities. Staff is not aware of any particular circumstance or information that would make impacts from increased demand for recreational facilities a reasonably foreseeable impact or more severe impact from that identified in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to increased demand for utilities, service systems, and public facilities pursuant to CEQA Guideline Section 15179(b)(1).

**Biological Resources.** The City continues to evaluate all development proposals for potential impacts upon natural habitats and associated species dependent upon these habitats. The City supports continuing efforts to acquire the most prominent habitats where appropriate, such as portions of the San Joaquin River environs. When development or public works projects have been proposed in this area, they have been subject to site-specific evaluation through supplemental environmental analyses, and appropriate mitigation measures and conditions

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applied as derived from consultation with the U.S. Fish and Wildlife Service and the California Department of Fish and Game. The City has imposed MEIR mitigation measures related to Biological Resources on projects that identified potential impacts to biological resources. Staff finds that this has adequately addressed any potential impact to biological resources. Staff is not aware of any particular circumstance or information that would make impacts from loss of biological resources a reasonably foreseeable impact or more severe impact from that identified in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to loss of biological resources pursuant to CEQA Guideline Section 15179(b)(1).

**Potential Disturbance of Cultural Resources.** The City of Fresno has implemented numerous efforts to identify historic and cultural resources, and provide thorough consideration as to their value and contributions to understanding or historic and cultural heritage.

Additionally, staff follows the MEIR mitigation measures for potential cultural resources. Staff is not aware of any particular circumstance or information that would make impacts to cultural resources a reasonably foreseeable impact that was not identified in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to loss of cultural resources pursuant to CEQA Guideline Section 15179(b)(1).

Within the last five years, the City has lost two lawsuits (Valley Advocates v. COF and Heritage Fresno v. RDA, City of Fresno) related to historical resources that related to six particular buildings at two different particular sites. The CEQA projects at issue were reviewed under independent CEQA documents, not under the MEIR as subsequent projects (*i.e.*, one under a separate EIR and one under a categorical exemption). These projects are site specific and are not reasonably expected to create additional impacts to cultural resources that would affect a finding under Section 15179. These particular projects may be properly assessed under the MEIR focused EIR procedures or mitigated negative declaration procedures under Section 15178 and not affect the overall MEIR findings.

**Generation of Noise.** The City of Fresno continues to implement mitigation measures and applicable plan policies to reduce the level of noise to which sensitive noise receptors are exposed. These efforts include identification of high noise exposure areas, limiting the development of new noise sensitive uses within these identified areas and conducting noise exposure studies and requiring implementation of appropriate design measures to reduce noise exposure. Staff finds that these efforts have adequately addressed any potential impacts that may have arisen related to noise and is not aware of any facts or circumstance that would make noise impacts have a more severe impact than that identified in the MEIR. Additionally, staff is not aware of any information or data that was not known at the time that the MEIR was certified that would be able to mitigate noise impacts beyond that identified and contemplated by the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to noise impacts pursuant to CEQA Guideline Section 15179(b)(1).

**Geology and Soils.** The City of Fresno has a predominantly flat terrain with few geologic or soil quality constraints. The City continues to apply applicable local and state construction codes

and standards and continues to adopt new standards as appropriate to insure the safety of residents and protection of property improvements.

Staff finds that these codes and standards have adequately addressed any potential impacts that may have arisen related to geology and soils and is not aware of any facts or circumstance that would make impacts related to geology and soils a reasonably foreseeable impact not addressed in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known regarding impacts related to geology and soils pursuant to CEQA Guideline Section 15179(b)(1).

**Hazards and Potential Generation of Hazardous Materials** The City continues to implement General Plan policies and assure compliance with MEIR mitigation measures as new development is planned and constructed, and as Code Enforcement activities are conducted, in order to prevent flood damage, structural failures due to soil and geologic instability, and wildfire losses. Development in the vicinity of airports has been reviewed and appropriately conditioned with regard to adopted and updated airport safety and noise policies. In consultation with Fresno County Environmental Health and the California Environmental Protection Agency Department of Toxic Substances Control, industrial and commercial facilities that use, handle, or store potentially hazardous materials are appropriately sited, conditioned, and inspected periodically by the Fresno Fire Department to prevent adverse occurrences. Homeland Security regulations have been taken into consideration when reviewing food production, processing and storage facilities, and the City has conducted and participated in multiple emergency response exercises to develop response plans that would protect life, health, and safety in the event of railroad accidents and other potential hazards.

Staff finds that these procedures, as outlined in the 2025 Fresno General Plan and its MEIR (as well as in related regulations and codes pertaining to hazards and hazardous materials) have adequately addressed potential impacts that may have arisen related to hazards. Staff is not aware of any facts or circumstance that would make impacts related to hazards and hazardous materials reasonably foreseeable impacts not addressed in the MEIR. Staff finds that the circumstances have not materially changed from the time the MEIR was certified and/or new information is not known related to impacts from hazards and hazardous materials pursuant to CEQA Guideline Section 15179(b)(1).

**Demand for Energy.** The City of Fresno has taken a number of steps to reduce energy consumption, both "in house" to set an example, and in the policy arena. The most notable "in-house" actions are the following:

- Construction of solar panel generator facilities at the Municipal Services Center (MSC) and at Fresno-Yosemite International Airport. The MSC facility, completed in 2004, generates 3.05 GWt of energy (equivalent to operation of 286 homes per year) and has resulted in reduction of 966 tons of CO<sub>2</sub> emissions (equivalent to 2,414,877 vehicular miles not driven).
- Replacement of a significant number of vehicles in the municipal fleet with clean air vehicles (please refer to the following table).

**CURRENT CITY OF FRESNO "CLEAN AIR" FLEET**

50	CNG Transit Buses
4	CNG Trolleys
6	CNG Handi-Ride Buses
59	Retrofitted Diesel Powered Buses with REV (reduced emission vehicle) engines and diesel particulate traps
2	Hybrid (gasoline-electric) Transit Buses
2	Hybrid (diesel-electric) Transit Buses
12	Compressed Natural Gas (CNG) Pickups, Vans and Sedans
7	Flex Fuel Pickups, Vans and Sedans (CNG/Unleaded Fuel)
3	Compressed Natural Gas (CNG) Street Sweepers
52	Hybrid (gasoline-electric) Sedans and Trucks
34	Electric Vehicles
5	Propane Powered Vehicles
103	LNG Powered Refuse Trucks
59	Retrofitted Diesel Powered Refuse Trucks with combination lean NOx catalyst and diesel particulate filters
9	Retrofitted Diesel Powered Street Sweepers with combination lean NOx catalyst and diesel particulate filters
1	Plug-In CNG/Electric Hybrid Refuse Truck
56	Heavy duty diesel trucks and construction equipment equipped with exhaust after-treatment devices
9	Off Road Equipment with exhaust after-treatment devices
<b>473</b>	<b>Total "Clean Air" Vehicles in the City of Fresno fleet</b>

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In the development standards policy arena, the City is taking numerous steps to increase residential densities and connectivity between residential and commercial land uses, thus facilitating more walking, biking and transit ridership (which has increased 22% in recent months) and saving energy:

- Amended the zoning code to allow development of mixed use projects in all commercial zone districts citywide, and in the C-M and M-1 zone districts within the Central Area.
- Amended the zoning code to allow density bonuses for affordable housing projects. Such bonuses permit density increases of approximately 30%.
- Amended zoning code to eliminate the “drop down” provision, which permitted development at one density range less than that shown on the adopted land use map.
- Amended the zoning code to increase heights in various residential and commercial zone districts and reduce the minimum lot size in the R-1 zone district from 6,000 to 5,000 square feet.
- Initiated the Activity Center Study, which is defining the potential Activity Centers located in Exhibit 6 of the 2025 Fresno General Plan and proposing design classifications and increased density ranges for these centers and corresponding transportation corridors.

Staff is not aware of any facts or circumstance that would make impacts related to energy demands reasonably foreseeable impacts that were not addressed in the MEIR. Staff finds that the circumstances have not materially changed from the time the MEIR was certified and/or new information is not known related to energy demand impacts pursuant to CEQA Guideline Section 15179(b)(1).

**Mineral Resources.** The City of Fresno has adopted plan policies and City ordinance provisions consistent with requirements of the State of California necessary to preserve access to areas of identified resources and for restoration of land after resource recovery (surface mining) activities. Staff finds that these policies and Fresno Municipal Code provisions have adequately addressed any potential impacts that may have arisen related to mineral resources and is not aware of any facts or circumstance that would make loss of mineral resources a reasonably foreseeable impact not addressed in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to loss of mineral resources pursuant to CEQA Guideline Section 15179(b)(1).

**School Facilities.** The City of Fresno continues to consult with affected school districts and participate in school site planning efforts to assure the identification of appropriate location alternatives for planned school facilities. Staff is not aware of any information from the school districts or otherwise to demonstrate that adequate school facilities are not being accommodated under the current General Plan and/or that the need for school facilities is expected to cause impacts not identified in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related to need for school facilities pursuant to CEQA Guideline Section 15179(b)(1).

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**Potential Aesthetic Impacts.** Design Guidelines were appended to the 2025 Fresno General Plan through the plan adoption process conducted concurrently with MEIR analysis. As noted previously, General Plan policies encourage and promote infill development, and the City of Fresno Planning and Development Department has implemented design guidelines for reviewing infill housing development proposals. The Department has prepared detailed design guidelines for the Tower District Specific Plan area and the Fulton-Lowell Specific Plan area, both of which contain enclaves of unique structures. The City has adopted policies promoting incorporation of public art within private development projects, which will contribute to a more appealing visual environment, benefitting users of the private property as well as the surrounding community. In addition, the City of Fresno and the City of Fresno Redevelopment Agency have funded public improvements which improve the general aesthetic. Staff is not aware of any situation or circumstances where there are reasonably foreseeable aesthetic impacts not identified and assessed in the MEIR. Staff finds that the circumstances have not changed from the time the MEIR was certified and/or new information is not known related aesthetic impacts pursuant to CEQA Guideline Section 15179(b)(1).

Appendix: Status of MEIR Analysis With Regard to Air Quality and Climate Change

## **APPENDIX**

### **STATUS OF MEIR ANALYSIS WITH REGARD TO AIR QUALITY AND CLIMATE CHANGE**

#### **EXECUTIVE SUMMARY**

Planning staff has worked closely with the regional San Joaquin Valley Air Pollution Control District (SJVAPCD) since the November 2002 certification of the 2025 Fresno General Plan Master Environmental Impact Report (MEIR). Potential air quality impacts have been analyzed for every environmental assessment initial study done for City development projects. Projects are required to comply with SJVAPCD rules and regulations via conditions of approval and mitigation measures formulated in the MEIR.

Overall, revisitation of these issues leads to the conclusion that, while there have been changes in air quality laws, planning requirements, and rules and regulations since certification of the MEIR, the actual environmental setting has not evidenced degradation of air quality. In conjunction with SJVAPCD attainment plans and attendant rules and regulations that were adopted prior to the certification of the MEIR, policies in the 2025 Fresno General Plan and MEIR mitigation measures aimed at improving air quality appear to be working. Since 2002, data show that pollutant levels have been steadily decreasing for ozone/oxidants and for particulate matter (10 microns and 2 microns in size). Recent adoption of new air quality attainment plans by SJVAPCD, calling for broader and more stringent rules and regulations to achieve compliance with national and state standards, is expected to accelerate progress toward attainment of clean air act standards.

Analysis of global climate change analysis was not part of the MEIR in 2002, due to lack of scientific consensus on the matter and a lack of analytical tools. However, under the MEIR and General Plan mitigation measures and policies for reducing all forms of air pollution, levels of greenhouse gases have been reduced along with the other regulated air pollutants. At this point in time, detailed analysis and conclusions as to the significance of greenhouse gas emissions and strategies for mitigation are still not feasible, because the legislatively-mandated greenhouse gas inventory benchmarking and the environmental analysis policy formulation tasks of the California Environmental Protection Agency Air Resources Board and the Governor's Office of Planning and research are not completed. The information available does not support any conclusion that the construction of Martin Ray Reilly Park and related street improvements or other City projects would have a significantly adverse impact on global climate change. Similarly, there is insufficient information to conclude that global climate change would have a significantly adverse impact upon the City of Fresno or specific development projects.

## SUPPORTING DATA AND ANALYSIS

While there have been changes in air quality regulations since the November 2002 certification of the 2025 Fresno General Plan MEIR, the actual environmental setting has not evidenced degradation of air quality.

The adverse air quality impacts associated with the myriad of human activities potentiated by the long range general plan for the Fresno metropolitan area can be expected to remain significant and unavoidable, and cannot be completely mitigated through the General Plan or through project-level mitigation measures. In order to provide a suitable living environment within the metropolitan area, the General Plan and its MEIR included numerous air pollution reduction measures.

The 2025 Fresno General Plan and its MEIR gave emphasis to pursuing cleaner air as an overarching goal. The urban form element of the General Plan was designed to foster efficient transportation and to support mass transit and subdivision design standards are being implemented to support pedestrian travel. Strong policy direction in the Public Facilities and Resource Conservation elements require that air pollution improvement be a primary consideration for all land development proposals, that development and public facility projects conform to the 2025 Fresno General Plan and its EIR mitigation measures, and that the City work conjunctively with other agencies toward the goal of improving air quality.

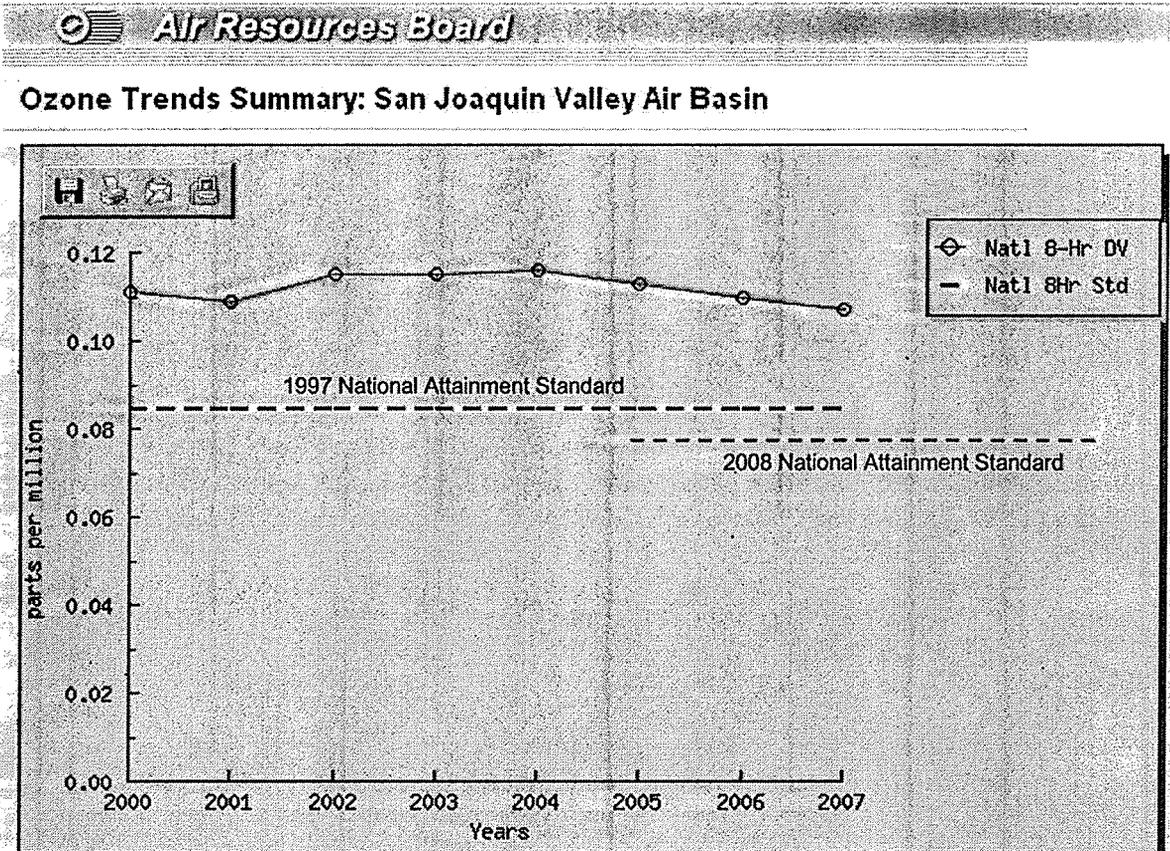
The MEIR mitigation checklist sketched out a series of actions for the City to pursue with regard to its own operations, and City departments are pursuing these objectives. The Fresno Area Express (FAX) bus fleet and the Department of Public Utilities solid waste collection truck fleet are being converted to cleaner fuels. Lighter-duty vehicle fleets are also incorporating alternative fuels and "hybrid" vehicles. Mass transit system improvements are supporting increased ridership. Construction of sidewalks, paseos, bicycle lanes and bike paths is being required for new development projects, and are being incorporated into already-built segments of City rights-of-way with financing from grants, gas tax, and other road construction revenues. Traffic signal synchronization is being implemented. The Planning and Development Department amended the Fresno Municipal Code to ban all types of residential woodburning appliances, thereby removing the most prominent source of particulate matter pollution from new construction.

Pursuant to a specific MEIR mitigation measure, all proposed development projects are evaluated with the "Urbemis" air quality impact model that evaluates potential generation of a range of air pollutants and pollutant precursors from project construction, project-related traffic, and from various area-wide non-point air pollution sources (e.g., combustion appliances, yard maintenance activities, etc.). The results of this "Urbemis" model evaluation are used to determine the significance of development projects' air quality impacts as well as the basis for any project-specific air quality mitigation measures.

There are no new (*i.e.*, unforeseen in the MEIR) reasonable mitigation measures which have become available since late 2002 that would assure the reduction of cumulative (city-wide) air quality impacts to a less than significant level at project buildout, even with full compliance with attainment plans and rules promulgated by the California Air Resources Board and the San Joaquin Valley Air Pollution Control District.

Through implementation of regional air quality attainment plans by the San Joaquin Valley Unified Air Pollution Control District (SJVAPCD), as supported by implementation of 2025 Fresno General Plan policies and MEIR mitigation measures, air pollution indices have shown improvement. Progress is being made toward attainment of federal and state ambient air quality standards.

Ozone/oxidant levels have shown gradual improvement, as depicted in the following graphs and charts from the California Air Resources Board (graphics with an aqua background) and from the San Joaquin Valley Air Pollution Control District (those with no background color):



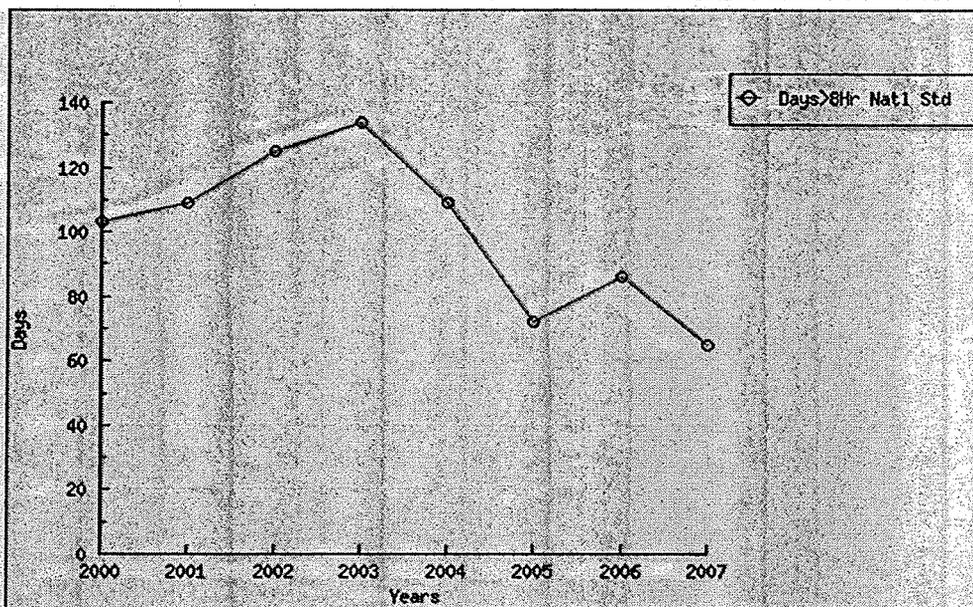
GRAPH NOTES: The "National 1997 8-Hour Ozone Design Value" is a three-year running average of the fourth-highest 8-hour ozone measurement averages in each of the three years (computed according to the method specified in Title 40, Code of Federal Regulations, Part 50, Appendix I).

Under the 1997 standard, in effect through the end of 2007, "Attainment" would be achieved if the three-year average were less than, or equal to, 84 parts per billion (ppb), or 0.084 parts per million (ppm). In 2008, a new National 8-Hour Ozone Attainment standard went into effect: a three year average of 75 ppb (0.075 ppm). Data and attainment status for 2008 is expected to become available in 2009.

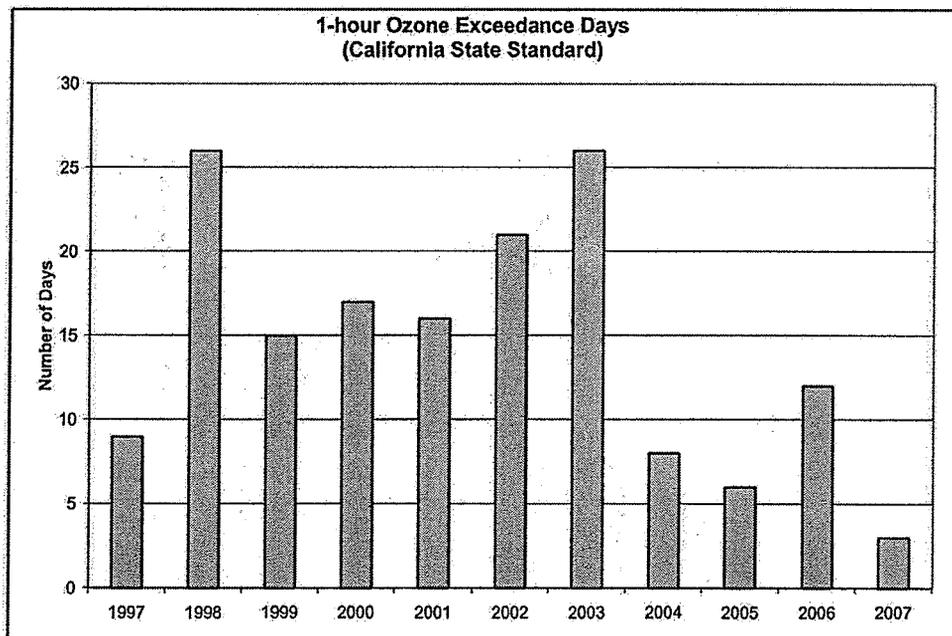
The California Clean Air Act has a different calculation method for its 8-hr oxidant [ozone] standard design value, and an attainment standard that is lower (0.070 ppm). The ozone improvement trend under the state Clean Air Act 8-hour ozone standard parallels the trend for the national 8-hour standard.

Correspondingly, the number of days per year in which the National 8-hour Ozone Standard has been exceeded have also decreased since the end of 2002:

Ozone Trends Summary: San Joaquin Valley Air Basin



In 1997, the Federal Clean Air Act repealed the former National 1-hour Ozone standard. However, the California Clean Air Act retains this air pollution parameter. The days per year in which the State of California 1-hour ozone standard has been exceeded have also shown a generally decreasing trend in the time since the 2025 Fresno General Plan MEIR was certified:

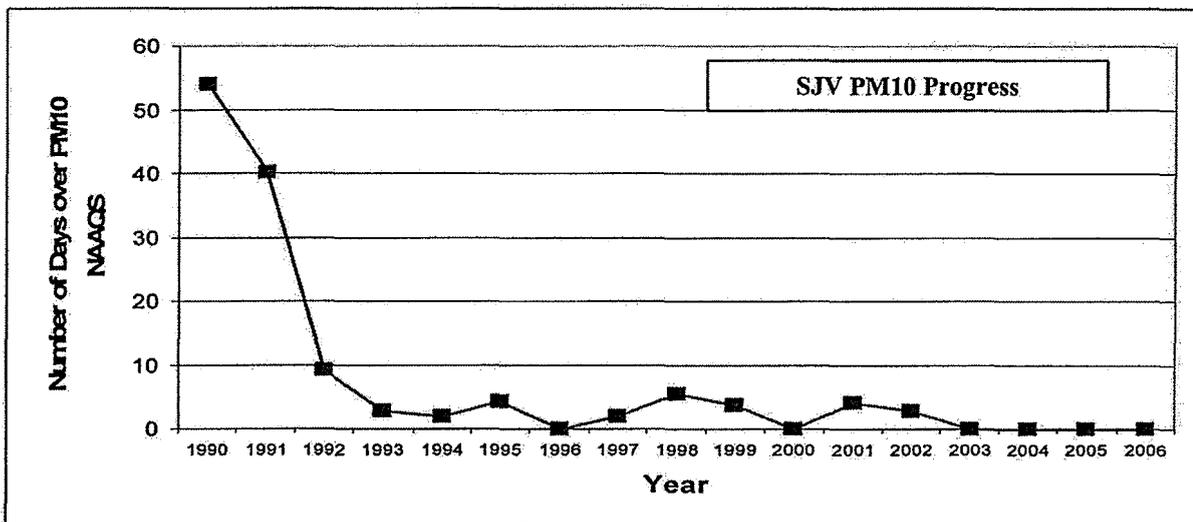


The current ozone attainment plan for the San Joaquin Valley Air Basin, in place when the MEIR for the 2025 Fresno General Plan was certified, is linked to a federal designation of "Serious Nonattainment." While ozone/oxidant air quality conditions are showing a trend toward improvement, the rate of progress toward full attainment is not sufficient to reach the national ambient air quality standards by the target date established by the attainment plan. Mobile sources (vehicle engines) are the primary source for ozone precursors, and the regulation of mobile sources occurs at the national and state levels and is beyond the direct regulatory reach of the regional air pollution control agency. As noted in the 2025 Fresno General Plan MEIR and reflected in the Statement of Overriding Considerations made when the MEIR was certified, potentially significant and unavoidable adverse air quality impacts are inherent in population growth and construction in the City of Fresno, given the Valley's climatology and the limitations on regulatory control of air pollutant precursors.

In 2004, the San Joaquin Valley Air Pollution Control District, in conjunction with the California Air Resources Board, approved a re-designation for the San Joaquin Valley Air Basin to "Extreme Nonattainment" status for ozone, approving a successor air quality attainment plan that projects San Joaquin Valley attainment of the national 8-hour ozone standard by year 2023. This designation and its accompanying attainment plan were submitted to the U.S. Environmental Protection Agency (USEPA) in November of 2004. To date, no formal action has been taken by USEPA to date on the proposed designation or the attainment plan; the Valley remains in "Severe Non-attainment" as of this writing.

The change from "Severe" to "Extreme" ozone Nonattainment would represent an extension of the deadline for attainment, but since the regional air basin would not have achieved attainment by the original deadline, this does not materially affect environmental conditions for the City of Fresno as they were analyzed in the MEIR for the 2025 Fresno General Plan. The proposed revised ozone attainment plan includes not only all the measures in the preceding ozone attainment plan, but additional measures for regulating a wider range of activities to attain ambient air quality standards.

The Valley's progress toward attaining national and state standards for PM-10 (particulate matter less than 10 microns in diameter) has been greater since certification of the MEIR:



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As the preceding chart reveals, levels of PM-10 air pollution have decreased since 2002. When the MEIR was certified, the San Joaquin Valley Air Basin was designated in "Serious Nonattainment" for national standards. As of 2007, the number of days where standards were exceeded has decreased to the extent that the Valley has been deemed to be in Attainment. Under Federal Clean Air Act Section 107(d)(3), PM-10 attainment plans and associated rules and regulations remain in place to maintain this level of air quality. New and expanded regulations proposed to combat "Extreme" ozone pollution and PM-2.5 (discussed below) would be expected to provide even more improvement in PM-10 pollution situation.

The 2025 Fresno General Plan provided policy direction in support of "indirect source review" as a method for controlling mobile source pollution. Although vehicle engines and fuels are outside the purview of local and regional jurisdictions in California, approaching mobile source pollution indirectly, through regulation and mitigation of land uses which generate traffic, is an alternative approach.

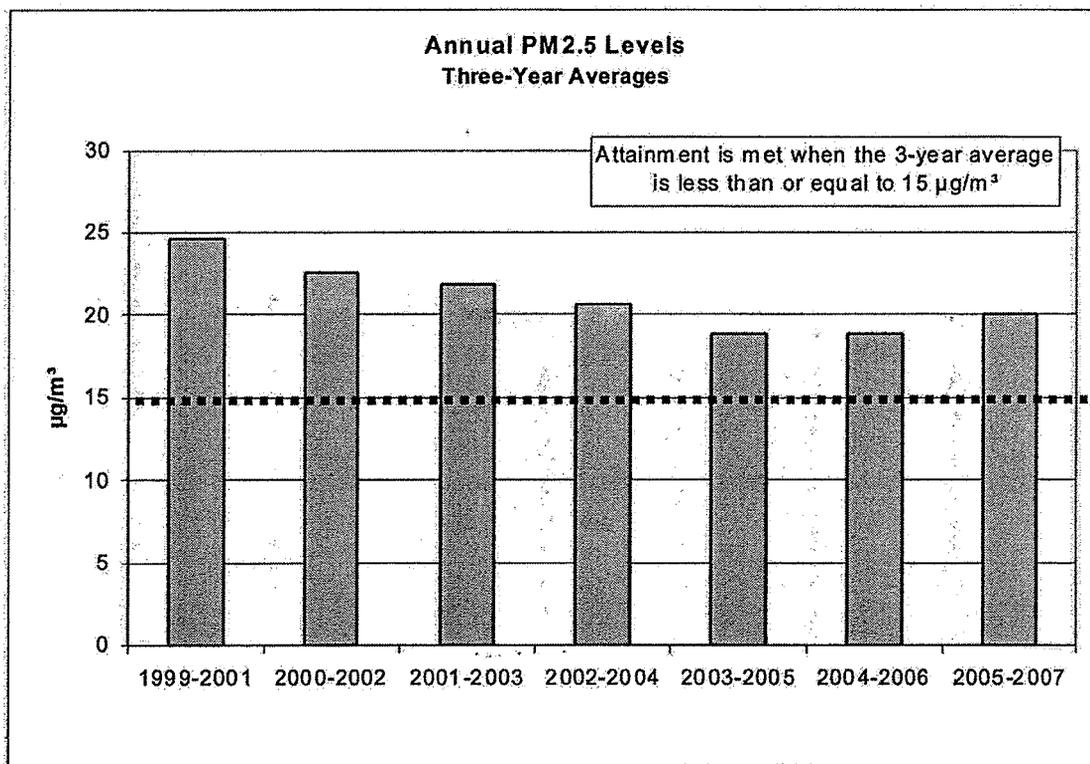
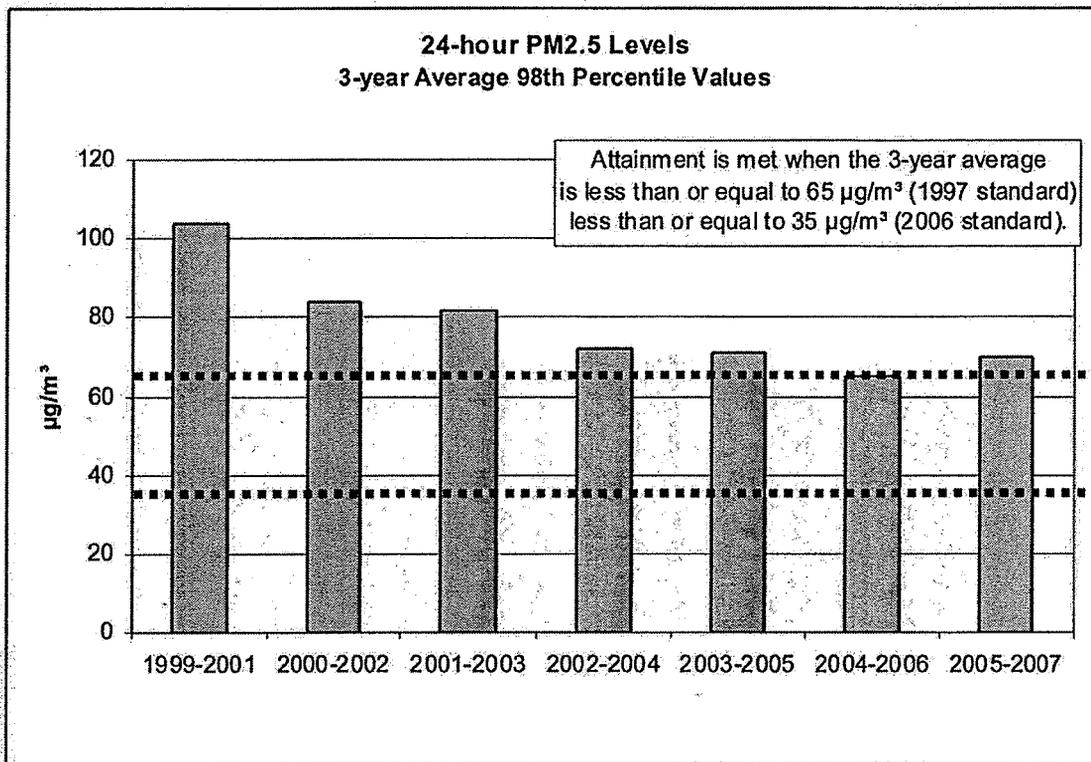
In March of 2006, the San Joaquin Valley Air Pollution Control District adopted Rule 9510, its Indirect Source Review Rule. Full implementation of this Rule has been delayed due to litigation (mitigation fees are being collected and retained in holding accounts), but projects are already being evaluated under Rule 9510 and are implementing many aspects of the Rule, such as clean air design (pedestrian and bike facilities; proximal siting of residential and commercial land uses; low-pollution construction equipment; dust control measures; cleaner-burning combustion appliances, etc.).

It is anticipated that full implementation (release of mitigation impact fees for various clean air projects throughout the San Joaquin Valley) and subsequent augmentation of the Indirect Source Review Rule will accelerate progress toward attainment of federal and state ozone standards, and will be an important component of the attainment plan for PM-2.5 (very fine particulate matter) and for greenhouse gas reductions to combat global climate change.

PM-2.5 is a newly-designated category of air pollutant, the component of PM-10 comprised of particles 2.5 microns in diameter or smaller. The 1997 Clean Air Act Amendments directed that this pollutant be brought under regulatory control, but federal and state standards/designations had not been finalized when the 2025 Fresno General Plan MEIR was drafted and certified. In the intervening time, the San Joaquin Valley Air Basin has been classified as being in "Nonattainment" for the 1997 federal PM-2.5 standard and for the State PM-2.5 standard.

An attainment demonstration plan for the federal 1997 PM-2.5 standard has been adopted by the SJVAPCD and approved by the California Air Resources Board, and forwarded to the EPA for approval (status as of mid-2008). The attainment plan would achieve compliance with the 1997 federal Clean Air Act PM-2.5 standard by year 2014, in conjunction with California Air Resources Board (and US EPA) action to improve diesel engine emissions. The San Joaquin Valley Air Basin has not yet been classified under the more stringent revised federal 2006 PM-2.5 standard; this classification is expected by 2009.

As with ozone and PM-10 pollution, levels of PM-2.5 have already been reduced by already-existing air quality improvement planning policies, mitigation measures, and regulations. The following charts depict historic PM-2.5 monitoring data for the regional air basin. Once the expected SJVAPCD attainment plan is implemented measures specific to PM-2.5 control, the rate of progress toward attainment of federal and state PM-2.5 standards will accelerate.



When the 2025 Fresno General Plan and its MEIR were approved in late 2002, the planning and environmental documents did not directly or separately analyze potential global warming and climate change impacts. However, the general policy direction for consideration of air quality parameters in development project evaluations and for reducing those air pollutants which are already under regulation would operate to control these potential adverse impacts.

"Global warming" is the term coined to describe a widespread climate change characterized by a rising trend in the Earth's ambient average temperatures with concomitant disturbances in weather patterns and resulting alteration of oceanic and terrestrial environs and biota. When sunlight strikes the Earth's surface, some of it is reflected back into space as infrared radiation. When the net amount of solar energy reaching Earth's surface is about the same as the amount of energy radiated back into space, the average ambient temperature of the Earth's surface would remain more or less constant. Greenhouse gases potentially disturb this equilibrium by absorbing and retaining infrared energy, trapping heat in the atmosphere—the "greenhouse gas effect."

The predominant current opinion within the scientific community is that global warming is occurring, and that it is being caused and/or accelerated via generation of excess "greenhouse gases" [GHGs], that natural carbon cycle processes (such as photosynthesis) are unable to absorb sufficient quantities of GHG and cannot keep the level of these gases or their warming effect under control. It is believed that a combination of factors related to human activities, such as deforestation and an increased emission of GHG into the atmosphere from combustion and chemical emissions, is a primary cause of global climate change.

The predominant types of anthropogenic greenhouse gases (those caused by human activity), are described as follows. It should be noted that the starred GHGs are regulated by existing air quality policies and rules pursuant to their roles in ozone and particulate matter formation and/or as potential toxic air contaminants.

- carbon dioxide (CO<sub>2</sub>), largely generated by combustion activities such as coal and wood burning and fossil fuel use in vehicles but also a byproduct of respiration and volcanic activity;
- \*methane (CH<sub>4</sub>), known commonly as "natural gas," is present in geologic deposits and is also evolved by anaerobic decay processes and animal digestion. On a ton-for-ton basis, CH<sub>4</sub> exerts about 20 times the greenhouse gas effect of CO<sub>2</sub>;
- \*nitrous oxide (N<sub>2</sub>O), produced in large part by soil microbes and enhanced through application of fertilizers. N<sub>2</sub>O is also a byproduct of fossil fuel burning: atmospheric nitrogen, an inert gas that makes up a large proportion of the atmosphere, is oxidized when air is exposed to high-temperature combustion. N<sub>2</sub>O is used in some industrial processes, as a fuel for rocket and racing engines, as a propellant, and as an anesthetic. N<sub>2</sub>O is one component of "oxides of nitrogen" (NOX), long recognized as precursors of smog-causing atmospheric oxidants.
- \*chlorofluorocarbons (CFCs), synthetic chemicals developed in the late 1920s for use as improved refrigerants (e.g., "Freon™"). It was recognized over two decades ago that this class of chemicals exerted powerful and persistent greenhouse gas effects. In 1987, the Montreal Protocol halted production of CFCs.

- \*hydrofluorocarbons (HFCs), another class of synthetic refrigerants developed to replace CFCs;
- \*perfluorocarbons (PFCs), used in aluminum and semiconductor manufacturing, have an extremely stable molecular structure, with biological half-lives tens of thousands of years, leading to ongoing atmospheric accumulation of these GHGs.
- \*sulfur hexafluoride (SF<sub>6</sub>) is used for insulation in electric equipment, semiconductor manufacturing, magnesium refining and as a tracer gas for leak detection. Of any gas evaluated, SF<sub>6</sub> exerts the most powerful greenhouse gas effect, almost 24,000 times as powerful as that of CO<sub>2</sub> on a ton-for-ton basis.
- water vapor, the most predominant GHG, and a natural occurrence: approximately 85% of the water vapor in the atmosphere is created by evaporation from the oceans.

In an effort to address the perceived causes of global warming by reducing the amount of anthropogenic greenhouse gases generated in California, the state enacted the Global Warming Solutions Act of 2006 (Codified as Health & Safety Code Section 38501 *et seq.*). Key provisions include the following:

- ▲ Codification of the state's goal by requiring that California's GHG emissions be reduced to 1990 "baseline" levels by 2020.
- ▲ Set deadlines for establishing an enforcement mechanism to reduce GHG emissions:
  - By June 30, 2007, the California Air Resources Board ("CARB") was required to publish "discrete early action" GHG emission reduction measures. Discrete early actions are regulations to reduce greenhouse gas emissions to be adopted by the CARB and enforceable by January 1, 2010;
  - By January 1, 2008, CARB was required to identify what the state's GHG emissions were in 1990 (set the "baseline") and approve a statewide emissions limit for the year 2020 that is equivalent to 1990 levels. (These statewide baseline emissions have not yet been allocated to regions, counties, or smaller political jurisdictions.) By this same date, CARB was required to adopt regulations to require the reporting and verification of statewide greenhouse gas emissions.
  - By January 1, 2011, CARB must adopt emission limits and emission reduction measures to take effect by January 1, 2012.

As support for this legislation, the Act contains factual statements regarding the potential significant impacts on California's physical environment that could be caused by global warming. These include, an increase in the intensity and duration of heat waves, the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snow pack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health-related problems.

On August 24, 2007, California also enacted legislation (Public Resources Code §§ 21083.05 and 21097) requiring the state Resources Agency to adopt guidelines for addressing climate change in environmental analysis pursuant to the California Environmental Quality Act. By July 1, 2009, the Governor's Office of Planning and Research (OPR) is required to prepare

guidelines for the mitigation of greenhouse gas emissions, and transmit those draft regulations to the Resources Agency. The Resources Agency must then certify and adopt the guidelines by January 1, 2010.

The recently-released update of the Urbemis computer model (used by the City of Fresno Planning and Development Department for environmental assessments, pursuant to a specific MEIR mitigation measure) does provide data on the amounts of CO<sub>2</sub> and oxides of nitrogen (NOX) potentially generated by development projects. However, at this point in time, neither CARB nor the SJVAPCD has determined what the 1997 baseline or current "inventory" of GHGs is for the entire state nor for any region or jurisdiction within the state. No agency has adopted GHG emission limits and emission reduction measures, and because CEQA guidelines have not been established for the evaluation and mitigation of greenhouse gas emissions (there is an absence of regulatory guidance). Therefore, the City is unable to productively interpret the results of the Urbemis model with regard to GHGs, and there is currently no way to determine the significance of a project's potential impact upon global warming.

The 2025 Fresno General Plan provides an integrated combination of residential, commercial, industrial, and public facility uses allowing for proximate location of living, work, educational, recreational, and shopping activities within Fresno metropolitan area. This combination of uses has been identified as a potential mitigation measure to address global warming impacts in a document published by the California Attorney General's Office entitled, *The California Environmental Quality Act Mitigation of Global Warming Impacts* (updated January 7, 2008). Specifically, this document describes this mitigation measure as follows, "Incorporate mixed-use, infill and higher density development to reduce vehicle trips, promote alternatives to individual vehicle travel, and promote efficient delivery of services and goods"—echoing objectives and policies of the 2025 Fresno General Plan adopted in late 2002.

The General Plan contains a mix of land uses would be expected to generate fewer vehicle miles traveled per capita, leading to reduced emissions of greenhouse gases from engine emissions. It provides for overall denser development with high-intensity enclaves, associated with increased public transit use. The plan fosters mixed use and infill development (being implemented by mixed-use zoning ordinances added to the Fresno Municipal Code, as directed by 2025 Fresno General Plan) policies. The urban form element distributes neighborhood-level and larger commercial development, public facilities such as schools, and recreational sites throughout the metropolitan area, reducing vehicle trips.

Any manufacturing activities that would generate SF<sub>6</sub>, HFCs, or PFCs would be subject to subsequent environmental review at the project-specific level, as would any uses which would generate methane on site. The City of Fresno has adopted an ordinance prohibiting installation of any woodburning fireplaces or woodburning appliances in new homes, which would reduce CO<sub>2</sub> and N<sub>2</sub>O from wood combustion.

Through updates in the California Building Code and statewide regulation of appliance standards, City development projects conform to state-of-the art energy-efficient building, lighting, and appliance standards as advocated in the California Environmental Protection Agency's publication *Climate Action Team / Proposed Early Actions to Mitigate Climate Change in California* (April 2007) and in CARB's *Proposed Early Actions to Mitigate Climate Change in California* (April 2007). The City has further incentivized "green" building projects by providing subsidies for solar photovoltaic equipment for single-family residential construction, by reducing development standards (including reductions in required parking spaces, which further reduces

air pollutant and GHG emissions), and by improving its landscape and shading standards (a topic included in the Design Guidelines adopted with the 2025 Fresno General Plan).

Updated engine and tire efficiency standards would apply to residents' vehicles, as well as the statewide initiatives applicable to air conditioning and refrigeration equipment, regional transportation improvements, power generation and use of solar energy, water supply and water conservation, landfill methane capture, changes in cement manufacturing processes, manure management (methane digester protocols), recycling program enhancements, and "carbon capture" (also known as "carbon sequestration," technologies for capturing and converting CO<sub>2</sub>, removing it from the atmosphere).

Due to the lack of data or regulatory guidance that would indicate the 2025 Fresno General Plan had a significant adverse impact upon global climate change, the relatively small size of the Fresno Metropolitan Area in conjunction with the worldwide-scope of GHG emissions, and the emphasis in the 2025 Fresno General Plan upon integrated urban design and air pollution control measures, it could not be concluded in 2002 nor at present that the 2025 Fresno General Plan would have a significant adverse impact on global climate change.

As to potential impacts of global warming upon the 2025 Fresno General Plan: the city is located in the Central Valley, in an urbanized area on flat terrain distant from the Pacific coast and from rivers and streams. It is outside of identified flood prone areas. Based on its location we conclude that Fresno is not likely to be significantly affected by the potential impacts of global climate change such as increased sea level and river/stream channel flooding; nor is it subject to wildfire hazards. While Fresno does contain areas with natural habitat (the San Joaquin Bluffs and Riverbottom), a change in these areas' biota induced by global warming would not leave them bereft of all habitat value—it would simply mean a change in the species which would be encountered in these areas. The 2025 Fresno General Plan preserves this habitat open space area for multiple objectives (protection from soil instability and flood inundation; conservation of designated high-quality mineral resources), so any natural resource species changes in those areas would not constitute a significant adverse impact to the city or a loss of resource area.

Fresno has historically had high ambient summer temperatures and an historic heat mortality level that is among the highest in the state (5 heat-related deaths annually per 100,000 population). Due to the prevalence of air conditioning in dwellings and commercial buildings, an increase in extreme heat days from global warming is not expected by the California Air Resources Board Research Division to significantly increase heat-related deaths in Fresno, as opposed to possible effects in cooler portions of the state such as Sacramento or Los Angeles areas (reference: *Projections of Public Health Impacts of Climate Change in California: Scenario Analysis*, by Dr. Deborah Dreschler, Air Resources Board, April 9, 2008). Increased summertime temperatures which may be caused by global warming will be mitigated by the City's landscaping standards to provide shade trees, by statewide energy efficiency standards which insulate dwellings from heat and cold, and by urban design standards which require east-west orientation of streets and buildings to facilitate solar gain. Fresno has a heat emergency response plan and provides cooling centers and free transportation to persons who do not have access to air conditioning.

Secondary health effects of global warming could include increases in respiratory and cardiac illnesses attributable to poor air quality. The San Joaquin Valley Air Pollution Control District provides daily advisories and warnings in times of high ozone levels to help senior citizens and

other sensitive populations avoid exposure. The SJVAPCD has committed to attainment of fine particulate matter (PM2.5) standards by Year 2014 and to attainment of oxidant/ozone standards by Year 2023, and would adopt additional Rules and emission controls as necessary to decrease emissions inventories by those target dates. There is insufficient information to indicate that global climate change would prevent attainment of air quality parameters affecting health.

Pursuant to 2025 Fresno General Plan policy and MEIR mitigation measures, the City's Department of Public Utilities and Fire Department are required to affirm that adequate water service can be provided to all development projects for potable and fire suppression uses. The City derives much of its water supply from groundwater, using its surface water entitlements from the Kings and San Joaquin Rivers primarily to recharge the aquifer. A high percentage of Fresno's annual precipitation is captured and percolated in ponding basins operated by Fresno Metropolitan Flood Control District. If global climate change leads to a longer rainy season and/or more storm events throughout the year, groundwater supplies could be improved by additional percolation.

The City of Fresno currently treats and distributes only some 20% of its 150,000 acre-foot/year (AFY) surface water entitlement for the municipal water system, directing another 50,000 to 70,000 AFY to recharge activities via ponding basins. Presently, the City is unable to recharge the full balance of its annual entitlement in average and wet years, and releases any unused surface water supplies to area irrigation districts for agricultural use in the metropolitan area, (which further augments groundwater recharge through percolation of irrigated water).

Future surface water plant construction projects envisioned by the 2025 Fresno General Plan would account for less than 120,000 acre-feet per year of the surface supply. The General Plan direction for future Metropolitan Water Resource Management Plans includes exploring the use of recycled treated wastewater for non-potable uses such as landscape irrigation, which would further effectively extending the City's water supply.

If the global climate change were to cause a serious and persistent decrease in Sierra snowpack, some of Fresno's water supply could be affected. However, historic records show that the very long-term prevailing climatic pattern for Central California has included droughts of long (often, multi-year) duration, interspersed with years of excess precipitation. Decades before global climate change was considered as a threat to California's water system, state and local agencies recognized a need to augment water storage capacity for excess precipitation occurring in wet years, to carry the state through the intervening dry years.

The potential for episodic and long-term drought is considered in the city's Metropolitan Water Resource Plan and in its the Urban Water Management Plan Drought Contingency component, to accommodate reductions in available water supplies. In times of extended severe regional or statewide drought, a reprioritization of water deliveries and reallocation for critical urban supplies vs. agricultural use is possible, but it is too speculative at this time to determine what the statewide reprioritization response elements would be (the various responses of statewide and regional water agencies to these situations are not fully formulated and cannot be predicted with certainty). Because the true long term consequences of climate change on California's and Fresno's water system cannot be predicted, and, it is too speculative at this time to conclude that there could be a significant adverse impact on water supply for the 2025 Fresno General Plan due to global climate change.

As noted above, it is theorized that global warming could lead to more energy in the atmosphere and to increased intensity or frequency of storm events. Fresno's long-term weather pattern is that rainfall occurs during episodic and fairly high-intensity events. The Fresno Metropolitan Flood Control District (FMFCD) drainage and flood control Master Plan, which sets policies for drainage infrastructure and grading in the entire Fresno-Clovis area, is already predicated on this type of weather pattern. FMFCD sizes its facilities (which development potentiated by the 2025 Fresno General Plan will help to complete) for "two-year storm events," storms of an intensity expected in approximately 50 percent of average years; however, the urban drainage system design has additional capacity built into the street system so that excess runoff from more intense precipitation events is directed to the street system. The City's Flood Plan Ordinance and grading standards require that finished floor heights be above the crowns of streets and above any elevated ditchbanks of irrigation canals. FMFCD project conditions also preserve "breakover" historic surface drainage routes for runoff from major storms. Ultimately, drain inlets and FMFCD basin dewatering pumps direct severe storm runoff into the network of Fresno Irrigation District canals and pipelines still extant in the metropolitan area, with outfalls beyond the western edge of the metropolitan area.

Scientific information, analytical tools, and standards for environmental significance of global warming and green house gases were not available to the Planning and Development Department in 2002 when the 2025 Fresno General Plan and its MEIR were formulated and approved--and at this point, there is still insufficient data available to draw any conclusions as to the potential impacts, or significance of impacts, related to global climate change for the 2025 Fresno General Plan. Similarly, there is insufficient information to conclude that global warming may have a potentially significant adverse impact upon the 2025 Fresno General Plan. In a situation when it would be highly speculative to estimate impacts or to make conclusions as to the degree of adversity and significance of those impacts, the California Environmental Quality Act allows agencies to terminate the analysis. In that regard, there is no material change in status from the degree of environmental review on this topic contained in the 2025 Fresno General Plan MEIR.