



## REPORT TO THE PLANNING COMMISSION

AGENDA ITEM NO.

COMMISSION MEETING 09.07.16

September 07, 2016

APPROVED BY

  
DEPARTMENT DIRECTOR

FROM: MIKE SANCHEZ, Assistant Director  
Development Services Division 

THROUGH: BONIQUE EMERSON, AICP, Planning Manager   
Development Services Division

BY: WILL TACKETT, Supervising Planner   
Development Services Division

SUBJECT: CONSIDERATION OF VESTING TENTATIVE TRACT MAP NO. 6056/UGM;  
AND, RELATED ENVIRONMENTAL ASSESSMENT NO. EA T-6056 FOR  
APPROXIMATELY 30.25 ACRES OF PROPERTY LOCATED ON THE  
SOUTHEAST CORNER OF NORTH BRYAN AVENUE AND THE WEST  
GETTYSBURG AVENUE ALIGNMENT

### RECOMMENDATION

Staff recommends that the Planning Commission take the following actions:

1. APPROVE the Finding of Conformity to the Fresno General Plan Master Environmental Impact Report (MEIR SCH#2012111015), as prepared for Environmental Assessment No. T-6056 dated August 05, 2016, for purposes of the proposed project.
2. APPROVE Vesting Tentative Tract Map No. 6056/UGM proposing to subdivide the subject property for the purpose of creating a 179-lot conventional single-family residential development subject to the findings and compliance with the Conditions of Approval included within the Staff Report to the Planning Commission dated September 07, 2016.

### EXECUTIVE SUMMARY

Wathen Castanos Peterson Homes, Inc. has filed Vesting Tentative Tract Map No. 6056/UGM pertaining to approximately 30.25 acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment.

Vesting Tentative Tract Map No. 6056/UGM has been filed in order to subdivide the subject property for purposes of facilitating a 179-lot conventional single family residential development on the subject property.

The proposed project will require dedications for public street rights-of-way as well as the installation and construction of both public and private facilities and infrastructure in accordance with the standards, specifications and policies of the City of Fresno.

The existing RS-5/UGM (*Residential Single Family/Urban Growth Management*) zoning for the subject property and the proposed residential density of approximately 5.92 dwelling units per acre, is consistent with the Medium Density Residential (5.0-12 dwelling unit/acre) planned land use designation for the subject property.

Based upon the submitted subdivision design, the proposed subdivision will not, in fact, result in an intensification of residential units on the subject property beyond that previously conceived by the Fresno General Plan or MEIR. **Thus, the subject applications are consistent with the Fresno General Plan and the West Area Community Plan.**

## PROJECT INFORMATION

PROJECT	Vesting Tentative Tract Map No. 6056/UGM proposes a subdivision of the subject property for purposes of creating a 179-lot conventional single family residential development at a density of approximately 5.92 dwelling units per acre.	
APPLICANT	Gary G. Giannetta Civil Engineering and Land Surveying; on behalf of  Wathen Castanos Peterson Homes, Inc.	
LOCATION	The southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment.  (APNs: 512-070-01, 17, 19 & 48)  <b>(Council District 1, Councilmember Soria)</b>	
SITE SIZE	Approximately 31.78 gross acres/30.25 net acres	
LAND USE	Existing -	Vacant
	Proposed -	Medium Density Residential (5.0-12 dwelling units/acre)
ZONING	Existing -	RS-5/UGM ( <i>Residential Single-Family, Medium Density / Urban Growth Management</i> );
	Proposed-	RS-5/UGM ( <i>Residential Single-Family, Medium Density / Urban Growth Management</i> )
PLAN DESIGNATION AND CONSISTENCY	The proposed density of approximately 5.92 dwelling units per acre is consistent with the Fresno General Plan and West Area Community Plan designation of the site for Medium Density Residential planned land uses pursuant to Table 3-3 of the Fresno General Plan.	

ENVIRONMENTAL FINDING	Finding of Conformity dated August 05, 2016.
PLAN COMMITTEE RECOMMENDATION	On August 02, 2016, the District 1 Plan Advisory Committee recommended approval of the proposed project by a unanimous vote.
STAFF RECOMMENDATION	Recommend the Planning Commission approve the environmental Finding of Conformity to the Fresno General Plan Master Environmental Impact Report (MEIR SCH#2012111015 dated August 05, 2016 and approve Vesting Tentative Tract Map No. 6056/UGM subject to compliance with the Conditions of Approval dated September 07, 2016.

#### BORDERING PROPERTY INFORMATION

	Planned Land Use	Existing Zoning	Existing Land Use
<b>North</b>	Medium Density Residential	<b>RR</b> ( <i>Rural Residential [Fresno County]</i> )	Vacant / Ponding Basin / Rural Residential
<b>East</b>	Medium Density Residential	<b>RS-5</b> ( <i>Residential Single-Family, Medium Density/Urban Growth Management</i> )	Vacant / Rural Residential / Single Family Residential
<b>South</b>	Medium Density Residential	<b>RS-5</b> ( <i>Residential Single-Family, Medium Density/Urban Growth Management</i> )	Vacant / Rural Residential
<b>West</b>	Public Facility Elementary, Middle & High School	<b>PI</b> ( <i>Public and Institutional/Urban Growth Management</i> )	Elementary and Middle School

#### 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 West Area Community Plan area, including the Fresno General Plan Master Environmental Impact Report (MEIR SCH No. 2012111015). 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 subdivision of the subject property pursuant to Vesting Tentative Tract Map No. 6056/UGM has been determined to be a subsequent project that is fully within the scope of the MEIR SCH No. 2012111015 as provided by the CEQA, as codified in the Public Resources Code (PRC) Section 21157.1(d) and the CEQA Guidelines Section 15177(c). It has been further determined that all applicable mitigation measures of SCH No. 2012111015 have been applied to the project, as necessary to assure that the project will not cause significant adverse cumulative impacts, growth inducing impacts and irreversible significant effects beyond those identified by SCH No. 2012111015 as provided by CEQA Section 15178(a). In addition, pursuant to Public Resources Code, Section 21157.6(b)(1), staff has determined 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. Therefore, it has been determined based upon the evidence in the record that the project will not have a significant impact on the environment and that the filing of a finding of conformity is appropriate in accordance with the provisions of CEQA Section 21157.5(a)(2) and CEQA Guidelines Section 15178(b)(1) and (2).

Based upon the attached environmental assessment and applicable mitigation measures, staff has determined that there is no evidence in the record that the project may have a significant effect on the environment and has prepared a finding of conformity for this project. A public notice of the attached finding of conformity for Environmental Assessment Application No. EA T-6056 was published on August 05, 2016 with no comments or appeals received to date.

## **BACKGROUND / ANALYSIS**

Wathen Castanos Peterson Homes, Inc. has filed Vesting Tentative Tract Map No. 6056/UGM pertaining to approximately 30.25 acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment.

Vesting Tentative Tract Map No. 6056/UGM has been filed in order to subdivide the subject property for purposes of facilitating a 179-lot conventional single family residential development on the subject property.

The proposed project will require dedications for public street rights-of-way as well as the installation and construction of both public and private facilities and infrastructure in accordance with the standards, specifications and policies of the City of Fresno.

The existing RS-5/UGM (*Residential Single Family/Urban Growth Management*) zoning for the subject property and the proposed residential density of approximately 5.92 dwelling units per



acre, is consistent with the Medium Density Residential (5.0-12 dwelling unit/acre) planned land use designation for the subject property.

The subject property remains vacant and was annexed to the City of Fresno in 2006 as part of Annexation No. 1298.

The subject property was previously approved for subdivision and development in 2008 as part of Tentative Tract Map No. 5891/UGM, a 738-lot subdivision of approximately 122.93 acres of land comprising the majority of the quarter corner section located between North Bryan and North Hayes Avenues and West Ashlan Avenue and the West Gettysburg Avenue alignment. While the previously approved subdivision design has been abandoned and these lands have been sold into new ownership, the newly proposed subdivision design incorporates aggregate open space, pedestrian paseos/paths, trail facilities, and boundary streets, which will facilitate both vehicular and pedestrian connectivity for future development on adjacent lands and afford availability of open space amenities in order to facilitate a well integrated and Complete Neighborhood for the area.

The proposed subdivision design will utilize elements of an "Enhanced Streetscape" for a portion of the subject property, which will allow application of the alternative development standards for single family residential development, as provided and defined within the City of Fresno Development Code.

The site is located within an area which is planned for urban residential uses and which has been substantially developed to the east with single family residences; extending to Freeway 99. Properties located directly to the north of the subject property remain primarily vacant. However, a ponding basin has been developed and several rural residential properties exist west of North Hayes Avenue and north of the West Gettysburg Avenue alignment. Vacant property directly to the north has also been approved for development with 244 single family residences on approximately 44.77 acres through Tentative Tract Map No. 5493 in 2005. Properties to the south of the subject property also remain primarily vacant with the exception of a few rural residences north of West Ashlan Avenue and several rural residences south of West Ashlan Avenue. Property directly to the west of the subject property has been developed with a Central Unified School District elementary and middle school as well as Koligian Stadium.

In addition to the vehicular access points to West Gettysburg and North Bryan Avenues, two pedestrian connections are provided to the trail on West Gettysburg Avenue and one pedestrian connection is provided to North Bryan Avenue. These pedestrian connections will also contribute to providing safe routes for children to the elementary and middle school west of the subject property.

One outlot is also incorporated within the subdivision design, which will be dedicated for common open space purposes.

## **Land Use Plans and Policies**

As proposed, the project will be consistent with the Fresno General Plan goals and objectives related to residential land use and the urban form:

- Provide for a diversity of districts, neighborhoods, housing types (including affordable housing), residential densities, job opportunities, recreation, open space, and educational venues that appeal to a broad range of people throughout the city.
- Plan for a diverse housing stock that will support balanced urban growth, and make efficient use of resources and public facilities.
- Make full use of existing infrastructure, and investment in improvements to increase competitiveness and promote economic growth.
- Promote orderly land use development in pace with public facilities and services needed to serve development.
- Encourage the development of Complete Neighborhoods and districts with an efficient and diverse mix of residential densities, building types, and affordability which are designed to be healthy, attractive, and centered by schools, parks, and public and commercial services to provide a sense of place and that provide as many services as possible within walking distance. Healthy communities demonstrate efficient development patterns providing for: Sufficient affordable housing development in appropriate locations; A mix of land uses and a built environment that supports walking and biking; Multimodal, affordable transportation choices; and, Safe public spaces for social interaction.

These Goals contribute to the establishment of a comprehensive city-wide land use planning strategy to meet economic development objectives, achieve efficient and equitable use of resources and infrastructure, and create an attractive living environment in accordance with Objective LU-1 of the Fresno General Plan.

Policy UF-1-d further emphasizes provisions for a diversity and variation of building types, densities, and scale of development in order to reinforce the identity of individual neighborhoods, foster a variety of market-based options for living and working to suit a large range of income levels, and further affordable housing opportunities throughout the city.

Likewise, Objective LU-5 of the General Plan calls for a diverse housing stock that will support balanced urban growth, and make efficient use of resources and public facilities; and, Implementing Policy LU-5-c promotes medium density residential use to maximize efficient use of residential property through a wide range of densities.

Objective UF-12 of the Fresno General Plan directs the City to locate roughly one-half of future residential development in infill areas – defined as being within the City on December 31, 2012 – including the Downtown core area and surrounding neighborhoods, mixed-use centers and transit-oriented development along major BRT corridors, and other non-corridor infill areas, and vacant land.

Supporting Policy LU-1-a of the Fresno General Plan also promotes new development within the existing City limits as of December 31, 2012. Policies LU-1-e and LU-1-g recommend that annexations to the City conform to the General Plan Land Use Designations and maintain the City's current Sphere of Influence (SOI) Boundaries without additional expansion.

The subject property (approximately 30.25 acres) qualifies as infill development under the definition provided in the Fresno General Plan as the subject property was annexed with Annexation No. 1298 on April 13, 2006.

Furthermore, evaluation of public services capacity and availability for the area has determined that public infrastructure improvements exist within the area to serve existing development within the vicinity as well as future development on the subject property. Water mains have been developed in North Bryan, West Ashlan and North Hayes Avenues, as well as in West Gettysburg Avenue to the east and west of the subject property. Dedication and improvement of West Gettysburg Avenue between North Bryan and West Hayes Avenue will include construction of a water main which will complete the connection of these existing facilities for the subject quarter section. Sewer mains exist in North Bryan and West Gettysburg Avenues to the serve the proposed development. Furthermore, the proposed project will be obligated to pay fair share and proportional payment of fees and all development mitigation costs.

The goals of the West Area Community Plan include developing the West Area as a planned community with a complete range of services and facilities for the needs of the community residents, in adherence to a set of specific standards for residential, commercial, industrial, and public infrastructure development, with special emphasis on minimization of land use conflict between agriculture and urban uses.

Objective W-1 of the West Area Community Plan supports this goal by promoting compatibility between areas planned for, or committed to, active farming operations and areas planned for urban development.

Objective W-4 of the West Area Community Plan also encourages the establishment and maintenance of safe, attractive, and stable residential neighborhoods; to preserve the long-term integrity of the community.

This project supports the above mentioned policies in that the density and intensity of the proposed development conform to the applicable Medium Density Residential land use designation of the Fresno General Plan and West Area Community Plan.

The proposed development of the subject property will contribute to the completion of missing roadway and infrastructure improvements within the area in a manner which is consistent with the land use designations and circulation element of the Fresno General Plan.

The proposed project will provide for connectivity through both vehicular and pedestrian integration with adjacent land for future development.

Furthermore, the project is located directly to the east of the Central Unified School District Harvest Elementary and Glacier Point Middle Schools and is approximately three-quarters of a mile west of Teague Elementary School.

Therefore it is staff's opinion that the proposed project is consistent with respective general and community plan objectives and policies and will not conflict with any applicable land use plan, policy or regulation of the City of Fresno. Furthermore, the proposed project, including the design and improvement of the subject property, is found; (1) To be consistent with the goals, objectives and policies of the applicable Fresno General Plan and West Area Community Plan; (2) To be Suitable for the type and density of development; (3) To be safe from potential cause or introduction of serious public health problems; and, (4) To not conflict with any public interests in the subject property or adjacent lands.

### **Public Services**

The Department of Public Utilities (DPU) has determined that adequate sanitary sewer and water services are available to serve the project site subject to implementation of the Fresno General Plan policies and the mitigation measures of the related Master Environmental Impact Report; and, the construction and installation of public facilities and infrastructure in accordance with Department of Public Works standards, specifications and policies.

For sanitary sewer service these infrastructure improvements and facilities include typical requirements for construction and extension of sanitary sewer mains and branches. The proposed project will also be required to provide payment of sewer connection charges.

Implementation of the Fresno General Plan policies and the mitigation measures of the associated Master Environmental Impact Report, along with the implementation of the Water Resources Management Plan and the identified project related conditions of approval, which include water main extensions within the future West Gettysburg Avenue as well as the interior of the proposed tract. Installation of these services with meters to proposed residential lots will provide an adequate, reliable, and sustainable water supply for the project's urban domestic and public safety consumptive purposes.

The City of Fresno Fire Department has conditioned the proposed project with requirements for installation of public fire hydrants and the provision of adequate fire flows per Public Works Standards, also with two sources water. Review for compliance with fire and life safety requirements for the interior of proposed buildings and the intended use are reviewed by both the Fire Department and the Building and Safety Services Section of the Development and Resource Management Department when a submittal for building plan review is made as required by the California Building Code.

According to the Fresno Metropolitan Flood Control District (FMFCD), the subject site is not located within a flood prone or hazard area. The Fresno Metropolitan Flood Control District (FMFCD) has indicated that permanent drainage service is available to the westerly portion of the proposed subdivision subject to construction of private facilities, which will convey runoff to existing Master Plan facilities in North Bryan Avenue; these private facilities will be abandoned once permanent Master Plan Facilities are constructed with future development of the area.

Permanent drainage service is not available to the easterly portion of the proposed subdivision and the District recommends temporary drainage facilities until such time as permanent service is available.

Furthermore, the developer will be responsible for excavation in order to provide additional storage in Basin "EO" to accommodate additional volume of runoff created by development of the proposed subdivision.

The developer will be required to provide improvements which will convey surface drainage to Master Plan inlets and which will provide storage and paths for major storm conveyance. When development permits are issued, the subject site will be required to pay drainage fees pursuant to the Drainage Fee Ordinance.

### **Sidewalks, Streets and Access Points**

The Fresno General Plan designates North Bryan and West Gettysburg Avenues as collector streets. The project will take access from one point along North Bryan Avenue and one point on West Gettysburg Avenue. The developer of this project will be required to dedicate and construct improvements along all major street frontages and on all interior local streets within the subdivision. Direct vehicular access will be relinquished along all major street frontages of single family residential lots. The subdivision design includes boundary streets along its eastern and southern boundaries in order to afford access and facilitate connectivity for future development on adjacent undeveloped property. The proposed project also provides two pedestrian connections/paseos from the interior of the subdivision to the required trail on West Gettysburg Avenue; an additional single pedestrian connection/paseo is provided to North Bryan Avenue.

The proposed project is located within Traffic Impact Zone III pursuant to Figure MT-4 of the Fresno General Plan, which generally represents areas near or outside the City Limits but within the SOI as of December 31, 2012.

The analysis of traffic operations within the MEIR was conducted based on roadway segments representative of the City overall transportation network. Traffic volumes on the selected roadway segment analysis is based on traffic counts taken at single location or link, which was intended to be representative of the entire segment. A link connects two intersections; a segment is a series of links. Traffic operations on the study roadway segments were measured using a qualitative measure called Level of Service (LOS). LOS is a general measure of traffic operating conditions whereby a letter grade, from "A" (the best) to "F" (the worst), is assigned. These grades represent the perspective of drivers and are an indication of the comfort and convenience associated with driving, as well as speed, travel time, traffic interruptions, and freedom to maneuver.

The threshold established by the Fresno General Plan in TIZ II is Level of Service "D" representing a high-density, but stable flow. Users experience severe restriction in speed and freedom to maneuver, with poor levels of comfort and convenience.

In accordance with Fresno General Plan Policy MT-2-I, a Traffic Impact Analysis (TIA) was prepared to assess the impacts of the new development on existing and planned streets. This assessment evaluated the impacts of the project by analyzing the following eight study intersections and four study segments in the vicinity of the project during the AM and PM peak hours for the Existing Conditions; Existing plus Project Conditions; Near Term Plus Project Conditions; and, Cumulative Year 2035 plus Project Conditions study scenarios:

Study Intersections:

1. Bryan Avenue/Shaw Avenue
2. Hayes Avenue/Shaw Avenue
3. Bryan Avenue/Gettysburg Avenue
4. Bryan Avenue/Local Street (future project intersection)
5. Bryan Avenue/Ashlan Avenue
6. Hayes Avenue/Ashlan Avenue
7. Polk Avenue/Ashlan Avenue
8. Shields Avenue/Bryan Avenue

Study Segments:

1. Bryan Avenue between Shaw Avenue and Gettysburg Avenue
2. Bryan Avenue between Gettysburg Avenue and Ashlan Avenue
3. Bryan Avenue between Ashlan Avenue and Shields Avenue
4. Ashlan Avenue between Bryan Avenue and Hayes Avenue

Based on the analyses included in the TIA, the intersection of Bryan and Ashlan Avenues and Polk and Ashlan Avenues are currently operating below the TIZ III LOS standard of LOS D during the AM peak hour. All of the study roadway segments are currently operating above the TIZ III LOS D Standard. These findings comprise the Existing Conditions Scenario.

With the addition of the project (Existing plus Project Conditions Scenario), the intersections of Bryan and Ashlan Avenues and Polk and Ashlan Avenues will continue to operate below the TIZ III standard D in the AM peak hour. The roadway segments are projected to continue to operate above the TIZ III LOS D standard with the addition of the project.

The TIA analyzed the operational impacts with the addition of approved/pending projects and the proposed project (Near Term plus Project Conditions Scenario). The intersections of Bryan and Shaw Avenues, Hayes and Shaw Avenues, Bryan and Ashlan Avenues, Hayes and Ashlan Avenues, and Polk and Ashlan Avenues are projected to operate below the TIZ III LOS D standard. All study roadway segments are projected to continue to operate above the TIZ III LOS D standard with the addition of the proposed project and all approved/pending projects.

Finally, the TIA identified operational deficiencies at seven of the study intersections in the Cumulative Year 2035 plus Project Conditions Scenario. Based on the analyses shown in the TIA, all study segments are projected to operate acceptably in the Cumulative Year 2035 scenario.

Although some study intersections have been projected to operate below the TIZ III LOS D standard under various scenarios, it must be noted that the General Plan Update accepts lower

LOS values. This reflects a change in policy for the City of Fresno to acknowledge that transportation planning based solely on roadway LOS, which considers only driver comfort and convenience, is not desirable since it fails to acknowledge other users of the circulation system and other community values. In evaluating the roadway system, a lower LOS may be desired when balanced against other community values related to resource protection, social equity, economic development, and consideration of pedestrians, bicyclists, and transit users. In addition, roadway LOS is directly linked to roadway infrastructure costs. A higher LOS results in greater expenditure of infrastructure for wider roadways that do not necessarily serve all users of the circulation system and may compete with other policies of the General Plan Update.

The Fresno General Plan utilizes and encourages strategic initiatives in compliance with the California Complete Streets Act, which provides priority and emphasis on a multi-modal transportation system; more transportation options result in fewer traffic jams and the overall capacity of the transportation network increases. Therefore, providing more transportation options will allow the City to meet its future travel demands without solely relying on motorized vehicles.

Based upon the findings contained within the MEIR, with implementation of the Fresno General Plan goals, objectives and policies, impacts to roadways within TIZ III would be less than significant if development occurs at the intensity and scope evaluated by the MEIR.

Vehicle trips projected to be generated by the proposed project were calculated using the Institute of Traffic Engineers (ITE) Trip Generation Manual, 9<sup>th</sup> Edition. Based upon the calculations, the proposed project is projected to generate 1,704 Average Daily Trips (ADT) with 134 vehicle trips occurring during the morning (7 to 9 a.m.) peak hour travel period and 179 vehicle trips occurring during the evening (4 to 6 p.m.) peak hour travel period.

The Public Works Department, Traffic Engineering Division has reviewed the potential traffic related impacts for the proposed project and has determined that the streets adjacent to and near the subject site will be able to accommodate the quantity and kind of traffic which may be potentially generated subject to the requirements outlined in the memoranda from the Traffic Engineering Division dated July 15<sup>th</sup> and July 28<sup>th</sup>, 2016. These requirements generally include: (1) The provision of a minimum two points of vehicular access to major streets for any phase of the development; (2) Major and local street dedications; (3) Dedications of bicycle, pedestrian and landscape easements for trail purposes; (4) Street improvements, (including, but not limited to, construction of concrete curbs, gutters, pavement, underground street lighting systems; and, (5) Payment of applicable impact fees (including, but not limited to, the Traffic Signal Mitigation Impact (TSMI) Fee, Fresno Major Street Impact (FMSI) Fee, and the Regional Transportation Mitigation Fee (RTMF) Fee.

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

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

### **Landscaping/Walls**

Given the proposed subdivision is located adjacent to and abutting collector streets (North Bryan and West Gettysburg Avenues) within the boundaries of the West Area Community Plan, the development will be required to install landscaping and irrigation within a minimum 15-foot wide landscape strip along the major street frontages. A six-foot high concrete/masonry wall is required to be constructed at the rear of the landscaped areas along the major streets.

Furthermore, as referenced herein above, a trail will be developed along the West Gettysburg Avenue alignment and an Outlot has been proposed to be dedicated for common open space purposes.

The developer is required to provide street trees on all public street frontages per Fresno Municipal Code and for the dedication of planting and buffer landscaping easements as determined by the Planning Department. Street trees shall be planted at the minimum rate of one tree for each 60' of street frontage or one tree per home (whichever is greater) by the Developer. Furthermore, the developer is required to provide irrigation for all street trees. The irrigation system shall comply with FMC 12-306-23, Water Efficient Landscape Standards and AB1881.

The long term maintenance and operating costs, including repair and replacement, of certain required public improvements ("Services") associated with all new Single-Family Developments (e.g., landscaped areas, concrete curb and gutters, sidewalks, curb ramps, median islands, etc.) are the ultimate responsibility of the Developer. The Developer shall provide for maintenance of these "Services" either by a mechanism approved by the Public Works Department or by annexing to the City of Fresno's Community Facilities District No. 11 ("CFD No. 11").

### **Council District Plan Implementation Committee**

On August 02, 2016, the District 1 Plan Advisory Committee unanimously recommended approval of the proposed project. The Committee recommended that sidewalks be provided on both sides of all streets within the tract; and, that the developer build the proposed park (Outlot A) with initial development.

### **Notice of Planning Commission Hearing**

The Development and Resource Management Department mailed notices of this Planning Commission hearing to all surrounding property owners within 1000 feet of the subject property, pursuant to Section 15-5007 of the Fresno Municipal Code.



## Vesting Tentative Tract Map Findings

Section 15-3309 of the Fresno Municipal Code provides that the Review Authority (Planning Commission) for a tentative tract map may approve or conditionally approve a tentative tract map if it makes all of the following findings:

### FINDINGS PER FRESNO MUNICIPAL CODE SECTION 15-3309-A.

1. **Consistency.** *The proposed subdivision, together with the provisions for its design and improvement, is consistent with the General Plan, any applicable operative plan, adopted policies or guidelines, and the Municipal Code; and,*

**Finding 1:** For the reasons contained within the attached initial study for the associated environmental assessment as well as within the Background and Analysis section contained herein above, the proposed project is found to be consistent with all applicable goals, objectives and policies of the Fresno General Plan and West Area Community Plan. Subject to compliance with the conditions of approval attached hereto, the proposed project may be found consistent with all applicable local ordinances, regulations, policies and standards.

2. **Passive and Natural Heating and Cooling.** *The proposed subdivision provides, to the extent feasible, for future passive or natural heating or cooling opportunities in the subdivision; and,*

**Finding 2:** The proposed subdivision has been designed with the majority of the lots oriented in a manner which will maximize north-south facing buildings. The conventional sizing of lots will allow structures to be oriented and constructed in a manner which will be able to take advantage of shade and/or prevailing breezes in order to take advantage of natural heating and cooling opportunities.

3. **Availability of Water.** *Water will be available and sufficient to serve a proposed subdivision with more than 500 dwelling units in accordance with the Subdivision Map Act (Section 66473.7); and,*

**Finding 3:** The proposed project consists of a proposed 179-lot conventional single family residential subdivision/development. Therefore, a water supply assessment is not required. The Department of Public Utilities, Water Division has reviewed the proposed project and has determined that Implementation of the Fresno General Plan policies and the mitigation measures of the associated Master Environmental Impact Report, along with the implementation of the Water Resources Management Plan and the identified project related conditions of approval, which include water main extensions within the proposed tract and installation of services with meters will provide an adequate, reliable, and sustainable water supply for the project's urban domestic and public safety consumptive purposes.

4. **Infrastructure Capacity.** *There exists sufficient infrastructure capacity for water, runoff, storm water, wastewater, and solid waste systems to serve the proposed subdivision; and,*

**Finding 4:** Pursuant to the findings and representations made within the Public Services section included herein above, and subject to compliance with the attached conditions of approval and mitigation measures identified within the initial study prepared for the associated environmental assessment, it may be determined that sufficient infrastructure capacity for water, runoff, storm water, waste water, and solid waste systems exist or will be available to serve the proposed project.

5. **Compliance with Floodplain Regulations.** *The proposed subdivision is compliant with the City of Fresno Floodplain Management Ordinance and the State of California Code of Regulations Title 23, as well as any other applicable State or federal laws.*

**Finding 5:** The proposed project site is not located within a designated floodplain or floodway.

The Subdivision Map Act (California Government Code §§ 66400, *et seq.*) provides that a proposed subdivision map shall be denied if it makes any of the following findings.

1. That the proposed map is not consistent with applicable general and specific plans as specified in Section 65451 of the SMA.
2. That the design or improvement of the proposed subdivision is not consistent with applicable general and specific plans
3. That the site is not physically suitable for the type of development.
4. That the site is not physically suitable for the proposed density of development.
5. That the design of the subdivision or the proposed improvements are likely to cause substantial environmental damage or substantially and avoidably injure fish or wildlife or their habitat.
6. That the design of the subdivision or type of improvements is likely to cause serious public health problems.
7. That the design of the subdivision or the type of improvements will conflict with easements, acquired by the public at large, for access through or use of, property within the proposed subdivision. In this connection, the governing body may approve a map if it finds that alternate easements, for access of or use, will be provided, and that these will be substantially equivalent to ones previously acquired by the public. This subsection shall apply only to easements of record or to easements established by judgment of a court of competent jurisdiction and no authority is hereby granted to a legislative body to determine

that the public at large has acquired easements for access through or use of property within the proposed subdivision.

The subdivision map, based on the required findings for approval and subject to the recommended conditions of approval, and the standards and policies of the Fresno General Plan and West Area Community Plan, complies with applicable zoning and subdivision requirements. Based upon the plans and information submitted by the applicant and the recommended conditions of project approval, staff has determined that all of the findings above can be made.

Planning Commission action of the proposed Vesting Tentative Tract Map, unless appealed to the Council, is final.

## **CONCLUSION / RECOMMENDATION**

The appropriateness of the proposed project has been examined with respect to its consistency with goals and policies of the Fresno General Plan and the West Area Community Plan; its compatibility with surrounding existing or proposed uses; and its avoidance or mitigation of potentially significant adverse environmental impacts. These factors have been evaluated as described above and by the accompanying environmental assessment. Upon consideration of this evaluation, it can be concluded that Vesting Tentative Tract Map No. 6056/UGM is appropriate for the project site.

### **Attachments:**

- Exhibit A: Vicinity Map
- Exhibit B: 2015 Aerial Photograph
- Exhibit C: Public Hearing Notice Mailing List Vicinity Map
- Exhibit D: Fresno General Plan Planned Land Use Map
- Exhibit E: Vesting Tentative Tract Map No. T-6056/UGM
- Exhibit F: Conditions of approval for Vesting Tentative Tract Map No. 6056/UGM dated September 07, 2016; including memoranda from responsible or commenting agencies.
- Exhibit G: Environmental Assessment No. EA T-6056, Finding of Conformity to the Fresno General Plan Master Environmental Impact Report (MEIR) SCH No. 2012111015 dated August 05, 2016

Exhibit "A"  
Vicinity Map



Exhibit "B"  
2015 Aerial Photograph





Exhibit "C"  
Public Hearing Notice Mailing List Vicinity Map



799969 T-6056

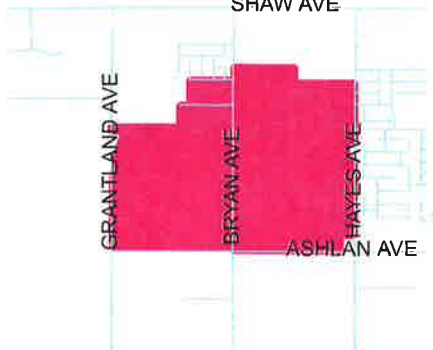
## 3uffered at:1000 Feet, Legal Notices, Owners

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Address List Map, c:\gisdm6\automap\adrlist.mxd, Fri Aug 26 10:49:39 2016

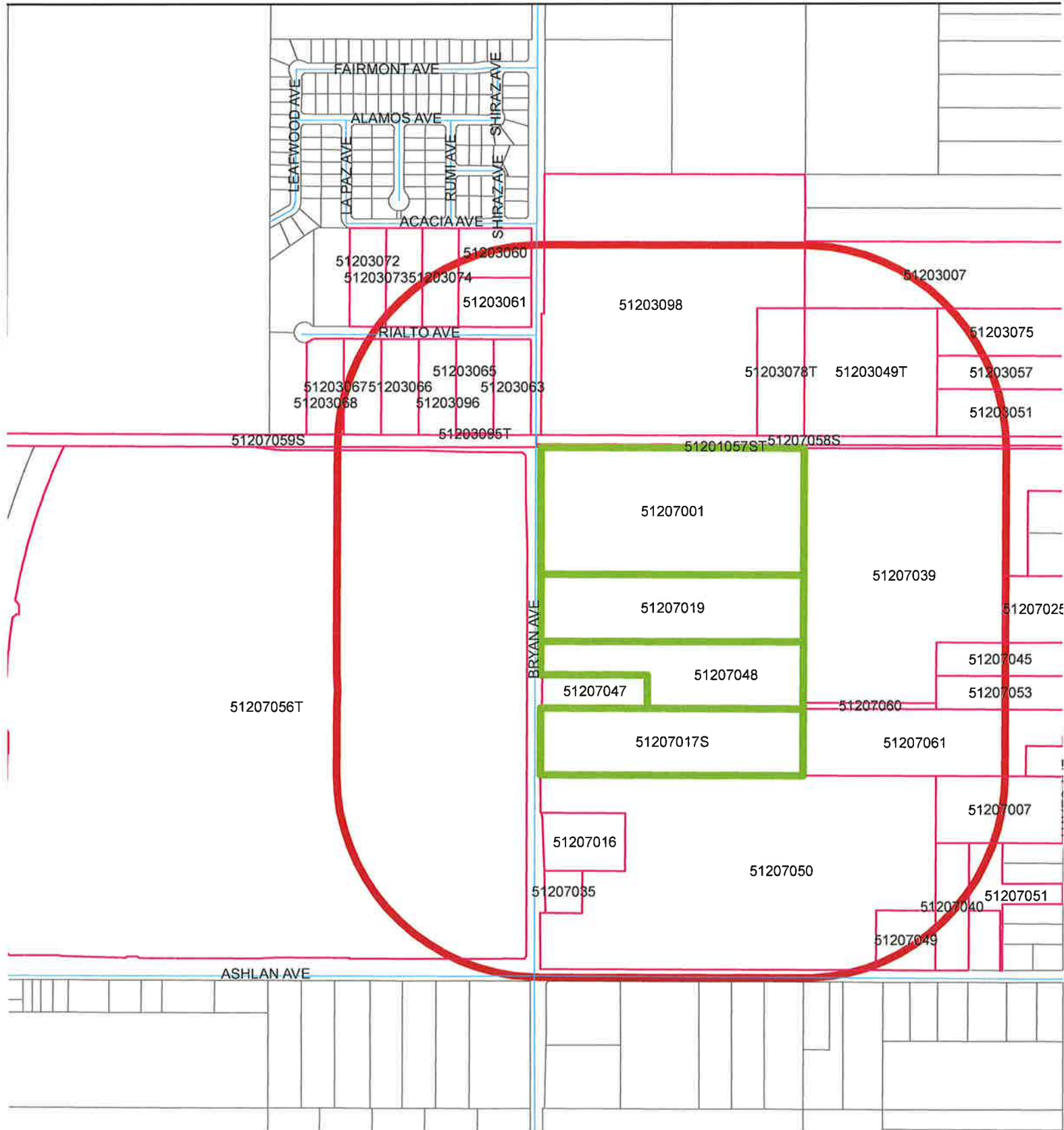


Exhibit "D"

Fresno General Plan Planned Land Use Map

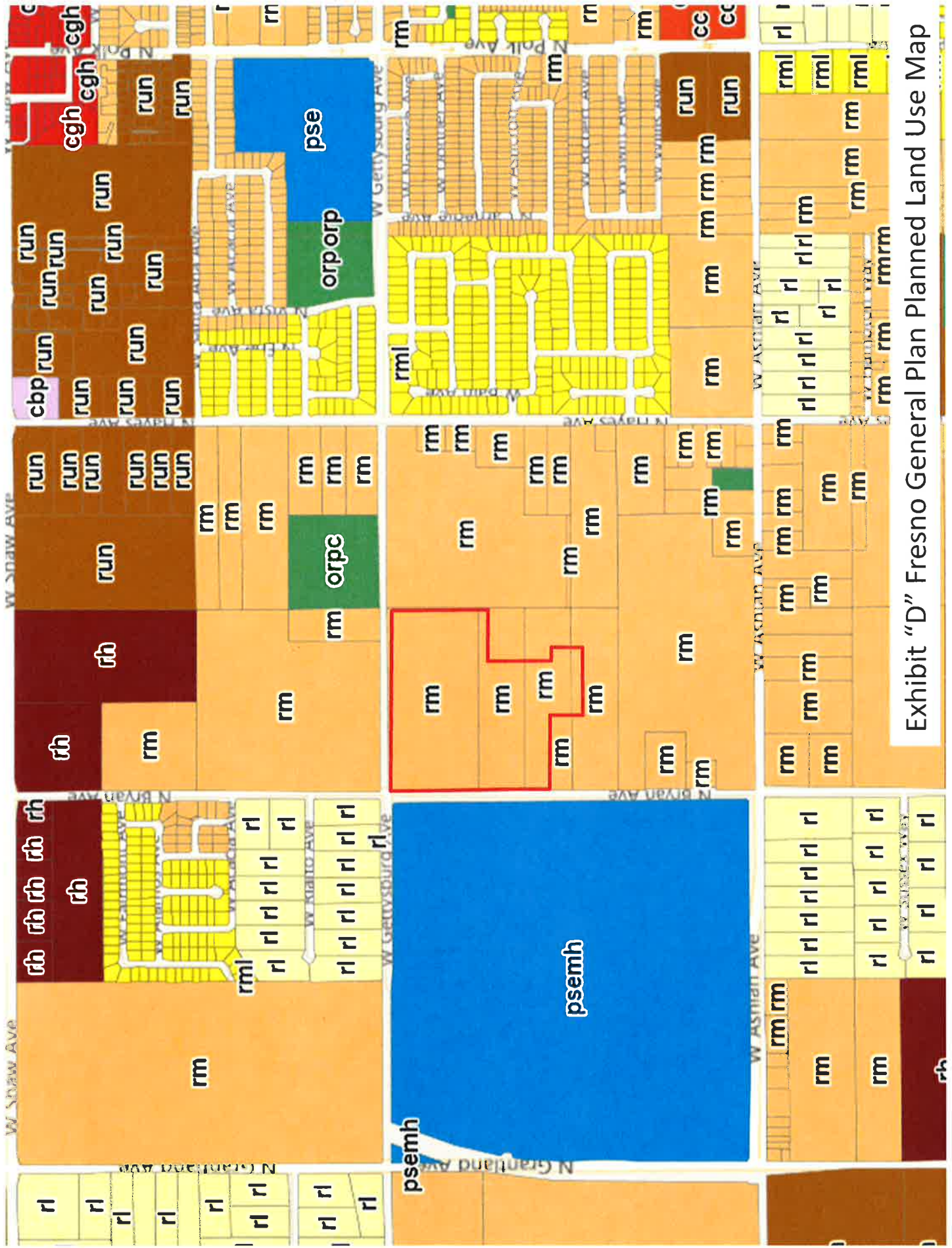


Exhibit "D" Fresno General Plan Planned Land Use Map

Exhibit "E"  
Vesting Tentative Tract Map No. 6056/UGM



**Exhibit "F"**

**Conditions of Approval for Vesting Tentative Tract Map No.  
6056/UGM dated September 07, 2016; including  
memoranda from responsible or commenting agencies**



**CITY OF FRESNO  
DEVELOPMENT AND RESOURCE MANAGEMENT DEPARTMENT**

**CONDITIONS OF APPROVAL**

**SEPTEMBER 07, 2016**

**VESTING TENTATIVE TRACT MAP NO. 6056/UGM**

**SOUTHEAST CORNER OF THE INTERSECTION OF NORTH BRYAN AVENUE AND THE WEST  
GETTYSBURG AVENUE ALIGNMENT**

All tentative maps are subject to the applicable provisions of the State Subdivision Map Act, Fresno Municipal Code (FMC), City policies, and City of Fresno Standard Specifications. The following specific conditions are applicable to this vesting tentative map:

**NOTICE TO PROJECT APPLICANT**

**In accordance with the provisions of Government Code §66020(d)(1), the imposition of fees, dedications, reservations or exactions for this project are subject to protest by the project applicant at the time of approval or conditional approval of the development or within 90 days after the date of the imposition of the fees, dedications, reservations or exactions imposed on the development project.** Each local agency shall provide to the project applicant a notice in writing at the time of the approval of the project or at the time of the imposition of the fees, dedications, reservations, or other exactions, a statement of the amount of the fees or a description of the dedications, reservations, or other exactions, and notification that the 90-day approval period in which the applicant may protest has begun (please see section related to Development Fees and Charges included herein below for further information).

Improvements and payments shall not be required on or in front of any undeveloped portion of a net acreage of ten acres or more which exists after the division of land. All improvements and payments shall be completed with development.

**URBAN GROWTH MANAGEMENT REQUIREMENTS (GENERAL)**

The subdivider of property located within the UGM boundaries shall comply with all sewer, water and street requirements and pay all applicable UGM fees imposed under the Urban Growth Management process (with appropriate credit given for the installation of required UGM improvements) in accordance with the requirements of State Law as related to tentative tract maps.

## GENERAL CONDITIONS

1. Prior to final map approval, the owner of the subject property shall execute a "Right to Farm" covenant with the City of Fresno. Said covenant is to run with the land and shall acknowledge and agree that the subject property is in or near agricultural districts located in the City and/or County of Fresno and that the residents of the subject property should be prepared to accept the inconveniences and discomfort associated with normal farm activities. The "Right to Farm" covenant shall be recorded prior to or concurrent with the recording of any Final Map of Vesting Tentative Tract No. 6139/UGM.
2. The subdivider shall comply with San Joaquin Valley Air Pollution Control District Rule 9510. Any applicant subject to District Rule 9510 is required to submit an Air Impact Assessment (AIA) application to the District and to pay any applicable off-site mitigation fees.
3. The subdivider shall comply with Regulation VIII and Rule 8060 of the San Joaquin Valley Air Quality Pollution Control District for the control of particulate matter and fugitive dust during construction of this project.
4. The developer/owner shall pay the appropriate park facilities fee and/or dedicate lands for parks and recreation purposes pursuant to Ordinance Nos. 2005-112 and 2005-113 adopted by the Fresno City Council on September 27, 2005.
5. Submit grading plans and a soils report to the City of Fresno Development and Resource Management Department, Development Services (Planning) Division for verification prior to Final Map approval. Grading plans shall indicate the location of any required walls and indicate the proposed width of required landscape easements or strips. Approval of the grading plan is required prior to Final Map approval.
6. At the time of Final Map submittal, the subdivider shall submit engineered construction plans to the City of Fresno Public Works, Public Utilities, and Planning and Development Departments for grading, public sanitary sewer system, public water system, street lighting system, public streets, and storm drainage, including other technical reports and engineered plans as necessary to construct the required public improvements and work and applicable processing fees.
7. Engineered construction plans shall be approved by the City prior to the approval of the Final Map. If, at the time of Final Map approval, such plans have not been



approved, the subdivider shall provide performance security in an amount established by the City to guarantee the completion of plans.

8. Public utilities easements, as necessary, shall be shown on the Final Map and dedicated to the City of Fresno. Public utility easements beyond the limits of the Final Map, but required as a condition of development, shall be acquired at the subdivider's cost and shall be dedicated by separate instrument at the time of Final Map approval. The relocation of existing utilities necessitated by the required public improvements shall be paid for by the subdivider. The subdivider is responsible to contact the appropriate utility company for information.
9. Comply with the conditions, policies and standards set forth in the City of Fresno, Municipal Code, Chapter 15, Part IV: "Land Divisions;" Resolution No. 68-187, "City Policy with Respect to Subdivisions;" and City of Fresno Standard Specifications, 2002 Edition, and any amendments thereto.
10. The subdivider shall pay applicable fees for, but not limited to, plan checks for street improvements and other grading and construction; street trees, street signs, water and sewer service, and inspections in accordance with the City of Fresno Master Fee Schedule (City Resolution No. 79-606 and No. 80-420) and any amendments, modifications, or additions thereto; and in accordance with the requirements of State law as related to tentative maps.
11. The subdivider shall furnish to the City acceptable security to guarantee the construction of the off-site street improvements in accordance with all applicable provisions of the Fresno Municipal Code (FMC) and the State Subdivision Map Act. The subdivider shall complete all the public improvements prior to the approval of the Final Map by the City. If, at the time of Final Map approval, any public improvements have not been completed and accepted in accordance with the standards of the City, the subdivider may elect to enter into an agreement with the City to thereafter guarantee the completion of the improvements.
12. As a condition of Final Map approval, the subdivider shall furnish to the City a subdivision guarantee listing all parties having any right, title or interest and the nature of their interest per State law.

#### GENERAL INFORMATION

13. Prior to the issuance of building permits for the subdivision, school construction fees shall be paid to the respective school district, in which the subject property is located, in accordance with the school district's adopted schedule of fees.

14. Contact the United States Postal Service for the location and type of mailboxes to be installed in this subdivision.
  - a) It is recommended that at least 6 months prior to the first occupancy, the Developer shall contact the local United States Postal Service representative to complete a Mode of Delivery Agreement for New Construction. The Mode of Delivery Agreement must have a District approval signature to be valid. In addition to completing the Agreement, the Developer shall provide a final map (with address details) to the local USPS representative. The Developer shall, at their own expense, procure, construct and install all mail receptacle facilities for each location as specified and approved by the USPS.
15. Pursuant to Section 66456.1 of the Subdivision Map Act, which states "The right of the subdivider to file multiple Final Maps shall not limit the authority of the local agency to impose reasonable conditions relating to the filing of multiple Final Maps," any multiple final maps filed by the subdivider on this tract shall fully and independently conform to all provisions of FMC Chapter 15, Part IV: "Land Divisions," including but not limited to Article 36, "Final Maps."
16. The developer/owner shall obtain any and all permits required for the removal or demolition of any existing building or structure located within the subdivision boundaries. The developer/owner shall also obtain any and all permits required for the proper abandonment/closure of any existing water well, septic tank/leach field or cesspool, and irrigation pipeline on the subject property. All such permits shall be obtained prior to commencement of tract grading work, in accordance with Chapter 13 of the FMC.
17. If archaeological and/or animal fossil material is encountered during project surveying, grading, excavating, or construction, work shall stop immediately.
18. If there are suspected human remains, the Fresno County Coroner shall be immediately contacted (business hours: (559) 268-0109; after hours the contact phone number is (559) 488-3111 for the Fresno County Sheriff's Department). If remains or other archaeological material is possibly Native American in origin, the Native American Heritage Commission (phone number (916) 653-4082) shall be immediately contacted, and the California Archaeological Inventory/Southern San Joaquin Valley Information Center (phone number (805) 644-2289) shall be contacted to obtain a referral list of recognized archaeologists.
19. If animal fossils are uncovered, the Museum of Paleontology at the University of California, Berkeley shall be contacted to obtain a referral list of recognized paleontologists. An assessment shall be conducted by a paleontologist; if the

paleontologist determines the material to be significant, a recommendation shall be made to the City as to any further site investigation or preservation measures.

20. Apportionment of Special Assessment: If, as part of this subdivision, a division will be made of any lot or parcel of land upon which there is an unpaid special assessment levied under any State or local law, including a division into condominium interest as defined in Section 783 of the Civil Code, the developer/owner shall file a written application with the City of Fresno Director of Public Works, requesting apportionment of the unpaid portion of the assessment or pay off such assessment in full.

If the subdivider elects to apportion the assessment, the application shall contain the following information:

- a. A full description of each assessed lot, parcel or interest to be divided and of how such lot, parcel or interest will be divided;
- b. A request that the Engineer apportion the amount remaining unpaid on the assessment in accordance with applicable law; and
- c. Written consent of the owner(s) of each such lot, parcel, or interest to the requested apportionment.
- d. The application shall be filed prior to the approval of the Final Map(s) by the City and shall be accompanied by a fee in an amount specified in the Master Fee Resolution for each separate lot, parcel, or interest into which the original assessed lot, parcel or interest is to be divided. The fee shall be in an amount sufficient to pay all costs of the City and the Engineer of Work responsible for determining the initial assessment in making the requested apportionment.

#### MITIGATION MONITORING REQUIREMENTS

21. Development of the subject property shall be subject to implementation of all applicable mitigation measures, fees, and timelines included within the Initial Study and Finding of Conformity prepared for Environmental Assessment No. T-6056 dated August 05, 2016.
- a) The Finding of Conformity prepared for the proposed project is tiered off of the Fresno General Plan Master Environmental Impact Report (MEIR SCH No. 2012111015). Development of the subject property shall be subject to

implementation of all applicable mitigation measures included within the MEIR for subsequent projects; included herein by reference.

#### ZONING & PROPERTY DEVELOPMENT STANDARDS

22. Development of the subject property shall comply with all development standards of the RS-5 (Residential, Single-Family) zone district; and, all applicable requirements of the Fresno Municipal Code.
23. Development of proposed Lots 1-64 shall comply with all requirements for qualification as an Enhanced Streetscape in accordance with Section 15-904-B of the Fresno Municipal Code.

#### Landscaping, Open Space and Walls

24. Proposed Outlots "A," "B," "C" & "D" of Vesting Tentative Tract Map No. 6056/UGM shall be dedicated for common open space purposes and shall be maintained in accordance with the Maintenance Obligations stipulated herein below; or, in a manner which provides appropriate security and is deemed acceptable to both the City of Fresno Development and Resource Management and Public Works Departments.
  - a) Construct a 6-foot high solid masonry wall (at finished grade of proposed site) pursuant to the solid wall requirements of Section 15-2006 & 15-2018 of the FMC along the property line of all residential lots which abut proposed Outlots and proposed trail connections (i.e., Lots 15, 16, 64, 65, 78, 122, 123, 172 & 173 of Vesting Tentative Tract Map No. 6056/UGM). The height of the required wall shall be reduced to no more than three feet in height within the respective front yard setback areas of the adjacent residential lots; excepting Lots 172 & 173, in which case the height of the required wall shall be reduced to no more than three feet in height within five feet of the front property line.
25. Pursuant to Figure MT-2 (Paths and Trails) of the Fresno General Plan, the subdivider shall provide a minimum 26-foot wide Bike, Pedestrian and Landscape Easement (and irrigation system) along the northerly property lines of all lots with frontage on West Gettysburg Avenue (i.e., Lots 7-22, 172-173 & Outlot "C" of Vesting Tentative Tract Map No. 6056/UGM).
  - a) Construct a 6-foot high solid masonry sound wall (at finished grade of proposed site) pursuant to the solid wall requirements of Section 15-2006 & 15-2018 of the FMC behind the required 15-foot wide landscape easement along the northerly property lines of all lots with frontage on West Gettysburg

Avenue (i.e., Lots 7-22, 172-173 & Outlot "C" of Vesting Tentative Tract Map No. 6056/UGM).

26. Pursuant to Policy W-3-c of the West Area Community Plan, the subdivider shall provide a minimum 15-foot wide landscape easement (and irrigation system) along the westerly property lines of all lots with frontage on North Bryan Avenue (i.e., Lots 122-131, 173-179 & Outlot "D" of Vesting Tentative Tract Map No. 6056/UGM).
  - a) Construct a 6-foot high solid masonry sound wall (at finished grade of proposed site) pursuant to the solid wall requirements of Section 15-2006 & 15-2018 of the FMC behind the required 15-foot wide landscape easement along the westerly property lines of all lots with frontage on North Bryan Avenue (i.e., Lots 122-131, 173-179 & Outlot "D" of Vesting Tentative Tract Map No. 6056/UGM).
27. The subdivider shall provide a minimum 10-foot wide landscape easement (and irrigation system) along the rear property lines of all double frontage lots within the proposed subdivision (i.e., easterly property line of Lots 22-26 of Vesting Tentative Tract Map No. 6056/UGM).
  - a) Construct a 6-foot high solid masonry sound wall (at finished grade of proposed site) pursuant to the solid wall requirements of Section 15-2006 & 15-2018 of the FMC behind the required 10-foot wide landscape easement along the rear property lines of all double frontage lots within the proposed subdivision (i.e., easterly property line of Lots 22-26 of Vesting Tentative Tract Map No. 6056/UGM).
28. Pursuant to Section 15-4105-G-2-a of the FMC, when a Local Street intersects a Major Street and the corner lot sides onto the Local Street, the corner lot shall provide a minimum 8-foot wide landscaped strip (or easement subject to the conditions contained herein below) and irrigation system along the street side yard of the respective corner lot (i.e., Lots 131 & 179 of Vesting Tentative Tract Map No. 6056/UGM).
  - a) A greater landscape strip may be necessary for visibility purposes pursuant to Section 15-2018 of the FMC; and/or, for purposes of inclusion within the Community Facilities District (CFD) for maintenance purposes.
    - i) A minimum 10-foot wide landscape easement will be required to be dedicated for purposes of inclusion within the CFD for maintenance purposes.

- b) A minimum 6-foot high masonry wall (at finished grade of proposed site) pursuant to the solid wall shall be placed at the rear of the landscape strip or easement in accordance with the requirements of Section 15-2006 & 15-2018 of the FMC.
29. Pursuant to Section 15-4105-G-2-b of the FMC, when the street side yard of a corner lot faces the front yard of a home across the street (i.e., Lots 27, 39, 40, 52, 83, 113, 132, 139, 140, 147, 151, 158 & 159 of Vesting Tentative Tract Map No. 6056/UAM), a minimum landscape strip of five feet and irrigation system is required along the street side yard of the respective corner lot; unless a minimum four-foot wide park strip is provided between the curb and sidewalk.
- a) A minimum 6-foot high masonry wall (at finished grade of proposed site) pursuant to the solid wall shall be placed at the rear of the landscape strip or easement in accordance with the requirements of Section 15-2006 & 15-2018 of the FMC.
- NOTE: An opening in the masonry wall may be permitted to provide a gate for access if approved by the Public Works Director.
30. Pursuant to Section 15-4108-C of the FMC, Connector Streets shall incorporate coordinated street trees spaced to provide a continuous shade for pedestrians. Connector streets shall be designed with non-contiguous sidewalks to allow the street trees to be planted in a landscape strip between the curb and sidewalk. The planting area shall be a minimum of four feet in width (i.e., West Ashcroft Avenue adjacent to Lots 87-88 & 109-110 of Vesting Tentative Tract Map No. 6056/UGM).
31. Landscaping, which is compliant with the City of Fresno "Anti-Graffiti Landscaped Buffer Development and Planting Standards," shall be required at all interior end-blocks and adjacent to all required walls or fences that are accessible to the public and shall be maintained in accordance with the Maintenance Obligations stipulated herein below; or, in a manner which provides appropriate security and is deemed acceptable to both the City of Fresno Development and Resource Management and Public Works Departments.
32. The subdivider is required to provide street trees on all street frontages per Fresno Municipal Code standards and is responsible for the dedication of public planting and buffer landscape easements as determined by the Development and Resource Management and Public Works Departments.

- a) Street trees shall be planted at the minimum rate of one tree for each 40 feet of street frontage; or, one tree per home (whichever is greater) by the developer.
  - i) The subdivider is required to provide irrigation for all street trees. The irrigation system shall comply with FMC Section 15-2309.
    - NOTE: Irrigation systems shall comply with the requirements of the California Green Building Standards Code and/or the California Model Water Efficient Landscape Ordinance and/or California Plumbing Code as may be amended.
  - b) Streets with a sidewalk on only one side shall have two 15-gallon street trees in the front of the lot on both sides of the street.
33. Provide a corner cut-off area at all entryways and intersections, where walls or fences and/or landscaping are proposed and/or required, in accordance with Section 15-2018 of the FMC.
- a) Vegetation and/or structures, flagpoles, signs, fences or walls may not exceed a height of three feet within the triangular sight-distance area formed by the intersecting curb lines (or edge of pavement when no curb exists) and a line joining points on these curb lines at a distance of 30 feet along both lines from their intersection.
  - i) Trees that are located within the sight distance triangle shall have a clearance of eight feet high minimum between the lowest portion of the canopy and the sidewalk and street.
34. When the grading plan establishes a top of slope beyond the required landscape strip/easement noted and the construction of the required wall(s) is to be established coincident with the top of slope then the required minimum easement width shall be expanded to include the full landscaped area up to the wall location.
35. All proposed/required landscaped easements/buffers, open space areas, pedestrian connections, entryways, pathways and/or private on-site landscaping for street tree purposes shall be improved in accordance with landscape improvement plans, which are to be submitted to the Development and Resource Management Department for review and approval prior to Final Map approval.

- NOTE: Lighting and fence/wall details for any proposed/required open spaces areas or pedestrian connections shall be provided with the submittal of the landscape improvement plans.
36. Maintenance of any/all required landscape easements and/or proposed Outlots within the boundary of Vesting Tentative Tract Map No. 6056/UGM shall be provided pursuant to the Maintenance Obligations stipulated herein below or in a manner which provides appropriate security and is deemed acceptable to both the City of Fresno Development and Resource Management and Public Works Departments.
  37. Comply with all street tree, buffer landscaping, median island, outlot, and trail requirements included within the attached memorandum from the Department of Public Works, Streets Division dated February 24, 2016.

#### STREETS AND RIGHTS-OF-WAY

38. The subdivider shall furnish to the City acceptable security to guarantee the construction of the off-site street improvements in accordance with all applicable provisions of the FMC and the State Subdivision Map Act.
38. The subdivider shall make provisions for disabled persons in accordance with the Department of Public Works standards and as required by State law. Handicap access ramps are required to be constructed in sidewalks at all corners within the limits of the tract. Where street furniture is located within the sidewalk area (fire hydrants, streetlights, etc.), a minimum of 48 inches of unobstructed path shall be maintained to satisfy the American Disabilities Act requirements. If necessary, dedicate a pedestrian easement to accommodate for the 4-foot minimum unobstructed path requirement.
39. Comply with all of the requirements included within the attached Public Works Department, Traffic and Engineering Services Division memorandums dated July 15, 2016 and July 28, 2016.

#### SANITARY SEWER SERVICE

The nearest sanitary sewer main to serve the proposed project are a 15-inch sewer main located in the West Gettysburg Avenue alignment and an 8-inch main located in North Bryan Avenue. The following water improvements shall be required prior to providing City sanitary sewer service to the project:



40. Comply with all of the requirements included within the attached Department of Public Utilities, Planning and Engineering Division (Sanitary Sewer) memorandum dated July 28, 2016.

#### WATER SERVICE

The nearest water mains to serve the proposed project are a 14-inch main located in North Bryan Avenue and a 14-inch main located in North Hayes Avenue. The following water improvements shall be required prior to providing City water service to the project:

41. Comply with all of the requirements included within the attached Department of Public Utilities, Water Division memorandum dated July 18, 2016

#### SOLID WASTE SERVICE

42. This tract will be serviced as Single Family Residential properties with Basic Container Service (3 container - solid waste, green waste & recyclable material)

#### FIRE SERVICE

Fire service is available to the proposed tract subject to the following requirements:

43. Comply with all of the requirements included within the attached Fresno Fire Department memorandum dated July 23, 2016.

#### FLOOD CONTROL AND DRAINAGE

44. The subdivider shall be required to comply with the specific requirements imposed by the Fresno Metropolitan Flood Control District (FMFCD) for the subdivision or any amendments or modifications to those requirements which may be granted by the FMFCD Board of Directors, pursuant to Section 13-1307 of the Fresno Municipal Code. These requirements are identified in the District's memorandums to the Development and Resource Management Department dated August 12, 2016.

- a) Any temporary basin constructed for or used by this subdivision requires approval of FMFCD and the City of Fresno, and may only be implemented through a covenant between the City and the Developer prior to final map approval. Temporary basins shall be fenced within seven days of the time a basin becomes operational, and fencing shall conform to City of Fresno Public Works Standard No. P-98. The Fresno Mosquito and Abatement

District shall be provided access rights and a means of entry for inspection and mosquito abatement activities for all on-site basins (refer to attached map of mosquito abatement districts in the Fresno-Clovis Metropolitan Area). Attached hereto, and incorporated by reference, is a copy of the updated Public Works Standard No. P-97 for temporary on-site ponding basins, and a copy of the City of Fresno's Guidelines for Ponding Basin / Pond Construction and Management, dated October 29, 2004. Maintenance of temporary ponding basins shall be by the Subdivider until permanent service for the entire subdivision is provided.

#### COUNTY OF FRESNO DEPARTMENT OF PUBLIC HEALTH

45. Comply with all of the requirements included within the attached County of Fresno, Department of Public Health memorandum dated July 16, 2016.

#### FRESNO IRRIGATION DISTRICT

46. Comply with all requirements included within the attached memorandum from the Fresno Irrigation District (FID) dated July 25, 2016.

#### SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

47. Comply with all requirements and the monitoring and reporting schedule included within the attached memorandum from the San Joaquin Valley Air Pollution Control District dated July 26, 2016.

#### RIGHT-OF-WAY ACQUISITION

48. The developer will be responsible for the acquisition of any necessary right-of-way to construct any of the required improvements.
49. Rights-of-way acquisition shall include any rights-of-way necessary for proper drainage, signing, pole relocation, and shoulder grading. In general, this will require right-of-way to be provided approximately 10 feet outside the travel lane. The exact requirement must be determined at the project design stage based on the existing conditions and detailed design information.
50. In the event an acquisition of any easement or right-of-way is necessitated by the subject development, said acquisition will be accomplished prior to Final Map approval. The developer/owner should contact the Real Estate Section of the Public Works Department to receive procedural guidance in such acquisitions.

51. Should such acquisition not be accomplished by the subdivider prior to Final Map approval, the subdivider must request and grant to the City the full authority to attempt acquisition either through negotiation or through its power of eminent domain. The subdivider shall furnish to the City Public Works Department, Engineering Division/ Real Estate Section, an appraisal report or a request for an estimated appraisal amount (to be determined by the City of Fresno Real Estate Section) prior to preparation of a Subdivision Agreement.
52. The subdivider shall submit adequate security in the form of a cash deposit to guarantee payment of all costs associated with the acquisition, including staff time, attorney's fees, appraisal fees, court costs, and all related expenditures and costs necessary to effect the acquisition of such easements or rights-of-way.

#### MAINTENANCE OBLIGATIONS

The long term maintenance of all the items listed below is ultimately the responsibility of the owner/developer:

53. With the exception of those areas which may be eligible for inclusion within the Community Facilities District (CFD) as referenced herein below, obligations for retention and maintenance of required end-block landscaped areas or strips for all corner lots shall be the responsibility of the respective property owner(s) on which the landscaped area is located.
  - a) Execute a covenant for all properties for which retention and maintenance of an end-block landscaped area or strip on a corner lot is the responsibility of the respective property owner prior to recordation of a Final Map.
    - NOTE: The covenant shall disclose and acknowledge all responsibilities associated with these conditions of approval to prospective buyers when individual lots are sold and identify terms, as appropriate, to assure compliance. The covenant shall be prepared in a form approved by the City of Fresno.
54. Comply with all the requirements included within the attached Department of Public Works, Traffic and Engineering Services Division memorandum regarding Conditions for Maintenance Requirements dated August 01, 2016; and, the following:
55. If the owner/developer chooses to be annexed into the City's CFD for maintenance purposes, then an Annexation Request Package shall be submitted to the Public Works Department for review, processing, and approval.

- NOTE: Packages must be complete with all required information in order to be accepted. The Annexation Request Form is available on-line on the City of Fresno website (<http://www.fresno.gov>) under the Public Works Department Developer Doorway.
- a) Construction plans for all features to be maintained by a CFD for a final map shall be included in the final map submission to the Development Department for processing. Where applicable, this shall include a Street Tree Location and Street Tree Species (by street) map. Landscaping plans shall contain actual tree and plant counts by species and include the areas (in square feet) of turf, shrubs and trees, and sidewalks or other paved areas within all landscaped areas.
- NOTE: The Department of Public Works will not be responsible for the maintenance of any outlots if they are not included into the Community Facilities District (CFD). If the outlots are to be included into the CFD, the Department of Public Works will require that landscape and irrigation plans be submitted with landscape buffer plans for approval prior to inclusion into the CFD.
- b) Proceedings to place the Final Map into a CFD shall not commence until the Final Map, Landscape and Street Construction Plans are considered to be technically correct.
- c) If the developer/subdivider elects to petition for annexation into the City's Community Facilities District, he/she shall be required to provide the City of Fresno, Department of Public Works, with copies of signed acknowledgments from each purchaser of a lot within the subdivision, attesting to the purchasers understanding that the lot will have an annual maintenance assessment and that he/she is aware of the estimated amount of the assessment. The developer/subdivider shall execute and record a covenant on each lot providing notice that the subject property is subject to annual payment of the Community Facilities District assessment.
52. Should the City Council or owner/developer choose not to include all of the maintenance items or certain items listed above in a CFD, then the property owner/developer shall be responsible for establishing a Home Owners' Association (HOA) or other property based management mechanism which provides for the maintenance of these items in a manner which provides appropriate security and is deemed acceptable to both the City of Fresno Development and Resource Management and Public Works Departments.

- a) The subdivider shall establish a Home Owners' Association (or other approved mechanism) to perform the above listed maintenance responsibilities pursuant to Article 40 of Chapter 15 of the Fresno Municipal Code. The Declaration of Covenants, Conditions, and Restrictions (CC&R's) described herein, shall among other things, specify level of effort, frequency, and inspection of maintenance responsibilities, name the City as a third party beneficiary for those provisions, and be subject to approval by the Director of Public Works and the City Attorney's Office. Any amendment to the above provisions or any other provision specifying any right of the City shall require the prior written consent of the City.

- NOTE: Should the owner/developer elect to establish a Home Owners' Association to perform maintenance obligations and assure that said obligations are met, then the owner/developer may include such other items as are deemed appropriate and necessary for the sustainability of the subdivision and its amenities within the responsibilities of the association.

- b) The proposed Declaration of Covenants, Conditions, and Restrictions (CC&Rs) and the proposed instruments for the homeowners association shall be submitted to the Development and Resource Management Department for review prior to final map approval. Said documents shall be recorded with the final map or alternatively submit recorded documents or documents for recording prior to final acceptance of subdivision improvements. Said documents shall include assignment of responsibility to the homeowners association for landscaping and other provisions as stated in the Development and Resource Management Department Guidelines for preparation of CC&Rs dated September 01, 1994.

#### DEVELOPMENT FEES AND CHARGES

This project is subject to the following fees and charges:

- a. Applicable Flood Fees as determined by the Fresno Metropolitan Flood Control District.

(Reference Fresno Metropolitan Flood Control District requirements included herein above and notes below for further information)

#### *SEWER CONNECTION CHARGES*

#### *FEE RATE*

- b. Lateral Sewer Charge [1]

\$0.10/sq. ft. (to 100' depth)

- |   |                                |
|---|--------------------------------|
| c. Oversize Charge [1]                              | \$0.05/sq. ft. (to 100' depth) |
| d. Trunk Sewer Charge [2]<br>Service Area: Cornelia | \$419/living unit              |
| e. Wastewater Facilities Charge [3]                 | \$2,119/living unit            |
| f. House Branch Sewer Charge [2]                    | N/A                            |

*WATER CONNECTION CHARGES*

*FEE RATE*

- |   |  |
|---|--|
| h. Service Connection Charge                              | Fee based on service(s) and meter(s) sizes specified by owner; fee for service(s) and Meter(s) established by the Master Fee Schedule. |
| h. Frontage Charge [1]                                    | \$6.50/lineal foot   |
| i. Transmission Grid Main Charge [1]                      | \$643/gross acre<br>(parcels 5 gross acres or more)  |
| j. Transmission Grid Main<br>Bond Debt Service Charge [1] | \$243/gross acre<br>(parcels 5 gross acres or more)  |
| k. UGM Water Supply Fee [2]<br>Service Area: 301s         | \$508/living unit  |
| l. Well Head Treatment Fee [2]<br>Service Area: 301       | \$221/living unit  |
| m. Recharge Fee [2]<br>Service Area: 301                  | \$0/living unit  |
| n. 1994 Bond Debt Service [1]<br>Service Area: 301        | \$60/living unit   |

*CITYWIDE DEVELOPMENT IMPACT FEES*

*FEE RATE*

- |  |                   |
|--|-------------------|
| o. Fire Facilities Impact Fee – Citywide [4] | \$539/living unit |
|--|-------------------|

p. Park Facility Impact Fee – Citywide [4]	\$2278/living unit
q. Quimby Parkland Dedication Fee [2]	\$1120/living unit
r. Citywide Regional Street Fee [3]	\$8,361/adj. acre
s. New Growth Area Major Street Fee [3]	\$18,790/adj. acre
t. Police Facilities Impact Fee – Citywide [4]	\$624/living unit
u. Traffic Signal Charge [1]	\$450.94/living unit
v. Street Acquisition/Construction Charge [2]	N/A

**Notes:**

The proposed development shall pay drainage fees pursuant to the Drainage Fee Ordinance prior to approval of the final map at the rates in effect at the time of such approval. The fee indicated above is based on the tentative map. Please see the attached memorandum from the Fresno Metropolitan Flood Control District (FMFCD) for further information regarding considerations which may affect the fee obligation(s) or the timing or form of fee payment.

On July 22, 2008, the Fresno County Board of Supervisors passed Ordinance No. 2008 – 023 requiring the payment of County Public Impact Facilities Impact Fees. The effective date of this ordinance is September 20, 2008. Contact the County of Fresno, Public Works and Planning Department to determine payment of this fee obligation. Confirmation by the County of Fresno is required before the City of Fresno can issue building permits. (The requirement to pay this fee is currently suspended by Fresno County. However, payment of this fee may be required if the fee has been reinstated at the time of issuance of building permits on the subject property.)

The Board of Directors of the Fresno County Regional Transportation Mitigation Fee Agency approved Resolution No. 2009 – 01 requiring the payment of Regional Transportation Mitigation Fee. The effective date of this resolution is January 1, 2010. Contact the Council of Fresno County Governments (FCOG) to determine this fee obligation. Confirmation by the FCOG is required before the City of Fresno can issue building permits.



\* Living Unit Equivalents are calculated by multiplying the number of Net Acres by 5.8 Living Unit Equivalents for commercial or 3.0 Living Unit Equivalents for industrial to arrive at the total number of Living Unit Equivalents.

\*\*Upon occupancy of the project, the subdivider shall pay the appropriate sewer facility charge pursuant to the Simple Tiered Equity Program (STEP) as determined by the Department of Public Utilities, Wastewater Division, Environmental Services Section (559-621-5153).

[1] Deferrable through Fee Deferral Covenant.

[2] Due at Final Map.

[3] Due at Building Permit.

[4] Due at Certificate of Occupancy.

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## DEPARTMENT OF PUBLIC WORKS

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TO: Will Tackett, Supervising Planner  
DARM, Planning Division

FROM: Hilary Kimber, Parks Supervisor II (559.621.1345)  
Public Works, Street Maintenance Division

DATE: February 24, 2016

SUBJECT: **Tract 6056; 4374 North Bryan Avenue** (APN: 512-070-01; 17s; 19 and 48) located on the southeast corner of North Bryan Avenue and West Gettysburg Avenue Alignment: Avenues. The Department of Public Works has reviewed the Tentative Tract Map proposed by Gary G. Gianetta dated December 14, 2015 and offers the following comments regarding the requirements for landscaping and irrigation in the street right-of-ways, landscape easements, outlots and median islands:

### GENERAL REQUIREMENTS

#### STREET TREE REQUIREMENTS

1. The subdivider is required to provide street trees on all public street frontages per Fresno Municipal Code and for the dedication of planting and buffer landscaping easements as determined by the Planning Department. Street trees shall be planted at the minimum rate of one tree for each 60' of street frontage or one tree per home (whichever is greater) by the Developer. The subdivider is required to provide irrigation for all street trees. The irrigation system shall comply with FMC 12-306-23, Water Efficient Landscape Standards and AB 1881.
  - a. There are approximately 1105 linear feet of street frontage along N. Bryan Ave. resulting in the requirement of eighteen (18) street trees. There is no designated street tree for this location on N. Bryan Ave. Please choose an appropriate tree from the list of Approved Street Trees.
  - b. There are approximately 1300 lineal feet of street frontage along the Gettysburg Alignment that will become a Trail, therefore; approximately 20 trees will be required on the south side of the trail to shade the walking locations.
2. Street Tree Planting by Developer: For those lots having internal street tree frontage available for street tree planting, the developer shall plant one tree for each 60' of street frontage, or one tree per lot having street frontage, whichever is greater. Tree planting shall be within a 10' Public Planting and Utility Easement.
  - a. Street tree inspection fees shall be collected for each 60' of public street frontage or one tree per lot whichever is greater.
  - b. Street trees shall be planted in accordance with the City of Fresno, Department of Public Works "Standard Specifications."
  - c. Landscape plans for all public use areas, such as parkways, buffers, medians and trails, shall be reviewed and approved by the Department of Public Works, Engineering Services. A street tree planting permit shall be required for all residential street tree planting.

- d. Performance and payment securities, paid with final map, will be released when all landscaping installed on public and/or city controlled property is in conformance with the Specifications of the City of Fresno.
- e. Upon acceptance of the required work, warranty security shall be furnished to or retained by the city for guaranty and warranty of the work for a period of ninety days following acceptance.

### **BUFFER LANDSCAPING & MAINTENANCE REQUIREMENTS**

1. The subdivider shall provide long term maintenance for all proposed landscaped areas by either petitioning for annexation in the Community Facilities District or by forming a Home Owner's Association.
2. Maintenance Service Through Annexation into the Community Facilities District. Landscape and Irrigation plans are required and shall be submitted to the Department of Public Works for review and approval prior to a Council approval of the final map. Plans shall be numbered to conform to and be included in the Department of Public Works street construction plan set for the final map. Fees are applicable when the subdivider elects to have landscaping maintained by annexing into the City's Community Facilities District.
  - A. Landscaping shall comply with Landscape Buffer Development Standards approved by the City Council on October 2, 1990. Landscape and irrigation plans shall comply with Sections 12-306-23 & 24 and 14-121 of the Fresno Municipal Code regarding Water Efficient Landscaping and Buffer landscaping.
  - B. Should the proposed landscape buffers and/or parkway strips be located next to an existing buffer and/or parkway strip, the planting concept shall simulate the adjacent landscape design to present a more uniform appearance on the street. Variances in the landscape concept will be acceptable, but the design of the new landscape buffer and/or parkway strip shall strive to mimic the existing as much as possible.
  - C. Landscape plans shall indicate grades on a cross-section detail to include fencing or wall details. All fencing shall be placed outside the landscape easement. Maximum slopes shall not exceed 4:1 with 1 foot of level ground between the slope and the back of the side walk and/or face of fence. Erosion control measures shall be implemented on all slopes of 4:1, including the use of synthetic erosion control netting in combination with ground cover species approved by the Department of Public Works/Engineering Services Division.
  - D. The water meter(s) serving the buffer landscaping shall be sized for the anticipated service flows.
  - E. No private flags, signs or identification of any kind shall be permitted in the right-of-way, within the City - controlled easement or on the fence or wall facing the street.
  - F. Landscaping in the right-of-way and landscape setback adjacent to water well sites shall be the responsibility of the City of Fresno Water Division and may not be included in the CFD.

### **MEDIAN ISLAND LANDSCAPE REQUIREMENTS**

1. When median islands front onto the proposed development project, applicants shall submit Plans to the Public Works/Engineering Services showing the location and configuration of all median islands fronting the proposed project.
2. The Public Works Department will review and evaluate existing median island(s) for a determination of all required improvements prior to approval of Final Map.
3. Landscape and irrigation is required on all new construction of median islands and shall be applied in accordance with the City of Fresno, Public Works Department Standards & Specifications and FMC sections 12-306-24 and 12-306-23 and AB 1881. The Public Works Department requires all proposed median islands to be constructed with a one foot wide colored concrete strips, flush along curb edge, in a 12 inch by 12 inch brick red slate pattern.
4. Trees shall not be planted in sections which are less than eight (8) feet wide unless approved by the Public Works Department. Sections less than eight (8) feet shall be capped with concrete as an integral part of the off site improvements, whether the median is landscaped or not.

### **OUTLOTS**

1. The Department of Public Works will not be responsible for the maintenance of any outlots if they are not included into the Community Facilities District (CFD). If the outlots are to be included into the CFD, the Department of Public Works will require approved landscape and irrigation plans to be submitted with landscape buffer plans prior to inclusion into the CFD.
2. Outlots which are utilized for water well purposes **will not** be included in the CFD. The Water Division Department in Public Utilities will provide the maintenance of all plant material on the well site.
- 3.

### **TRAIL REQUIREMENTS**

1. The trail shall be constructed in accordance with the "Master Trails Manual" and the Public Works Department standards. The subdivider is responsible for the trail construction. The subdivider is responsible for all landscape and irrigation improvements for and within the trail. Construction plans shall be submitted and shall include landscaping and automatic drip irrigation design. Trail cross-sections will be required with submittal of Street Plans and Landscaping/Irrigation Plans for review and approval. These plans shall be in compliance with current City standards and approved by the Department of Public Works. Landscaping within the regional/multipurpose trail shall include large, medium and low-growing shrubs planted from 3 to 6 feet apart depending on variety, and trees spaced approximately 25 to 45 feet apart to provide 50% shade coverage onto the planting area and pathway. Landscaping adjacent to walls or fences shall comply with "Landscaped Buffer Development Standards." All planting areas shall be irrigated with an automatic system.

City Hall  
2600 Fresno Street, 4<sup>th</sup> Floor  
Fresno, California 93721  
Ph. (559) 621-8800  
www.fresno.gov

Scott L. Mozier, P.E.  
Public Works Director

July 15, 2016

Will Tackett, Supervising Planner  
Development and Resources Management Department  
2600 Fresno Street, 3<sup>rd</sup> Floor  
Fresno, CA 93721

**SUBJECT: REVIEW OF THE TRAFFIC IMPACT ANALYSIS (TIA) DATED MAY 6, 2016 FOR THE PROPOSED TRACT 6056, ON THE SOUTHEAST CORNER OF GETTYSBURG AND BRYAN AVENUES TIS 16-008**

## **PROJECT OVERVIEW**

We have reviewed the Traffic Impact Analysis (TIA) prepared by JLB Traffic Engineering, Inc. for the proposed Tract 6056, "project", which plans to construct approximately 179 single family dwelling units on approximately 30.25 acres on the southeast corners of Gettysburg and Bryan Avenues.

The TIA evaluated the impacts of the project by analyzing eight (8) intersections and four (4) roadway segments in the vicinity of the project during the AM and PM peak hours. Vehicle trips projected to be generated by the project were calculated using the ITE Trip Generation Manual, 9<sup>th</sup> Edition. The following table includes the daily (ADT), AM and PM peak hour trips projected to be generated by the project as shown in the TIS:

Land Use	Size	Weekday						
		ADT	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Single Family Detached Housing (ITE Code 210)	179 DU	1,704	34	100	134	113	66	179

*DU = dwelling units*

Based on the analyses included in the TIA, the intersections of Bryan and Ashlan Avenues and Polk and Ashlan Avenues are currently operating below the Traffic Impact Zone (TIZ) III level of service (LOS) standard of LOS D during the AM peak hour. All of the study roadway segments are currently operating above the TIZ III LOS D standard.

With the addition of the project, the intersections of Bryan and Ashlan Avenues and Polka and Ashlan Avenues will continue to operate below TIZ III standard D in the AM peak hour. The

roadway segments are projected to continue to operate above the TIZ III LOS D standard with the addition of the project.

The TIA analyzed the operational impacts with the addition of approved/pending projects and the proposed project. The intersections of Bryan and Shaw Avenues, Hayes and Shaw Avenues, Bryan and Ashlan Avenues, Hayes and Ashlan Avenues, and Polk and Ashlan Avenues are projected to operate below the TIZ III LOS D standard. All study roadway segments are projected to continue to operate above the TIZ III LOS D standard with the addition of the proposed project and all approved/pending projects.

The TIA identified operational deficiencies at seven of the study intersections in the Cumulative Year 2035 analyses. Based on the analyses shown in the TIA, all study segments are projected to operate acceptably in the Cumulative Year 2035 scenarios.

## **GENERAL COMMENTS and CONDITIONS**

1. This project shall pay its Traffic Signal Mitigation Impact (TSMI) Fee of \$47.12 per ADT, per the Master Fee Schedule, at the time of building permit. Based on the weekday total ADT of 1,704 for the proposed project, the fee would be \$80,292.48 payable at the time of the building permit.

The TSMI fee facilitates project impact mitigation to the City of Fresno Traffic Signal infrastructure so that costs are applied to each new project/building based on the generated ADT. The TSMI fee is credited against traffic signal installation/modifications and/or Intelligent Transportation System (ITS) improvements (constructed at their ultimate location) that plan to build out the 2035 General Plan circulation element and are included in the Nexus Study for the TSMI fee. The TSMI fee is regularly updated as new traffic signals are added, new grant funds offset developer improvement costs, and/or construction costs increase/decrease. If the project is conditioned with traffic signal improvements in excess of their TSMI fee amount, the applicant may apply for fee credits (security/bonding and/or developer agreement required) and/or reimbursement for work in excess of their fee as long as the infrastructure is in place at the ultimate location. The applicant should work with the Public Works Department and identify, with a Professional Engineers estimate, the costs associated with the improvements prior to paying the TSMI fee to determine any applicable fee credits and/or reimbursements.

For project specific impacts that are not consistent with the 2035 General Plan, Public Works Standards, and/or are not incorporated into the TSMI fees, the infrastructure costs will not be eligible for reimbursement unless the City Engineer and City Traffic Engineer include the new traffic signal and/or ITS infrastructure in the next TSMI fee update and the applicant agrees to pay the new TSMI fee that includes the new infrastructure. Failure to pay this fee or construct improvements that are credited/reimbursable with this fee will result in a significant unmitigated impact as this fee is applied to all projects within the City Sphere of Influence.

2. This project shall pay its Fresno Major Street Impact (FMSI) Fee, which will be determined at time of building permit. This FMSI fee is creditable towards major street roadway improvements included in the nexus study for the FMSI fee.
3. The project shall pay the Regional Transportation Mitigation Fee (RTMF). Pay the RTMF fee to the Joint Powers Agency located at 2035 Tulare Street, Suite 201, Fresno, CA 93721; (559) 233-4148, ext. 200; [www.fresnocog.org](http://www.fresnocog.org). Provide proof of payment or exemption, based on vesting rights, prior to issuance of building permits.
4. The proposed project shall pay the \$288 Traffic Impact Study review fee for review of the document. Proof of payment shall be provided to the Traffic & Engineering Services Division.
5. The proposed project shall make necessary improvements and right-of-way and public easement dedications along adjacent public street(s) and within the site boundaries per City of Fresno standards/requirements.
6. The proposed site plan shall be reviewed and approved by the City of Fresno Traffic & Engineering Services Division, Traffic Planning Section.

If you have any further questions regarding this matter, please contact me at (559) 621-8792 or [jill.gormley@fresno.gov](mailto:jill.gormley@fresno.gov).

Sincerely,



Jill Gormley, TE  
City Traffic Engineer / Traffic Engineering Manager  
Public Works Department, Traffic & Engineering Services

C: Copy filed with Traffic Impact Study  
Louise Gilio, Traffic Planning Supervisor  
Jose Benavides, JLB Engineering, Inc.





DATE: July 28, 2016

TO: Will Tackett  
Development and Resource Management Department

THROUGH: Andrew Benelli, PE  
Assistant Director  
Public Works Department, Traffic & Engineering Services Division

FROM: Louise Gilio, Traffic Planning Supervisor  
Public Works Department, Traffic & Engineering Services Division

SUBJECT: Public Works Conditions of Approval  
TT 6056, 4356 North Bryan Avenue  
Ashlan and Hayes Investments / Gary Giannetta

The Public Works Department, Traffic and Engineering Services Division, has completed its review and the following requirements are to be placed on this tentative map as a condition of approval by the Public Works Department.

**Provide the following information on the tentative map and / or complete the following, prior Planning Commission.**

1. Revise the proposed layout to meet current Public Works Standards. -OR- Revise the proposed layout to comply with cross sections that are approved by the City Engineer.
2. Provide a geometrically approved drawing (GAD) for the proposed Gettysburg alignment that identifies the high voltage lines and the proposed intersections at Hayes and Bryan.

**General Conditions:**

1. All streets and pedestrian ways shall connect to other streets and pedestrian ways to form a continuous vehicular and pedestrian network with connections within the subdivision and to adjacent development. Pedestrian paths of travel must meet current accessibility regulations. Identify ramps within the proposed subdivision wherever sidewalks are provided. We recommend sidewalks on both sides.
2. Garage setbacks: We recommend 18' minimum from the back of walk to the garage.
3. Pedestrian Easements: **Identify** all pedestrian easements on the map.
4. Overhead Utilities: Underground all existing offsite overhead utilities with the limits of this map in accordance with Fresno Municipal Code Section 12-1011 and Resolution No. 78-522/88-229.
5. Design local streets with a minimum of 250' radius.
6. Local street lengths exceeding 800' and four way intersections may require traffic calming measures.
7. Dead-end Streets: Any temporary dead-end streets created by this subdivision shall be properly barricaded in accordance with the Public Works Standard P-100. **Identify and provide a temporary turn around or as approved on the street plans.**
8. Outlots: If the subdivider seeks to dedicate to the City, in fee, an outlet for open space purposes, subdivider shall prove to the City that the outlet is free of toxic or hazardous materials

pursuant to the requirements of City Administrative Order 8-1, including, but not limited to, performing a Phase I Soils Investigation. The soils Investigation report shall be submitted to the Public Works Department for review and approval. The subdivider must obtain Public Works approval of the soils investigation report and complete any mitigation work identified by the soils investigation prior to subdivider's submittal of the Final Map to the Development Department. Any and all costs associated of the soils investigation and any required mitigation work shall be performed at the sole expense of the subdivider.

9. Plan Submittal: Submit the following plans, as applicable, in a single package, to the **Public Works Department** for review and approval: Street: construction, signing, striping, traffic signal and streetlight and Trail: construction, grading, lighting, striping, signing, landscape and irrigation.
10. The construction of any overhead, surface or sub-surface structures and appurtenances in the public right of way is prohibited unless an encroachment covenant is approved by the City of Fresno Public Works Department, Traffic and Engineering Services Division, (559) 621-8681. Encroachment permits must be approved prior to issuance of building permits.
11. Street widening and transitions shall also include utility relocations and necessary dedications.
12. Private Irrigation Pipe: If not abandoned, the developer shall enter into an agreement with owner of the private canal providing for piping the canal and submit an executed copy of the agreement or commitment letter from the owner of the private canal to the Development and Resource Management Department. All piping shall be located outside of the proposed street right of way. Any piping across city streets shall be rubber gasketed reinforced concrete pipe (RGRCP) constructed perpendicular to the street. Submit engineered plans to Public Works Department, Traffic and Engineering Services Division for review and approval. **Identify the proposed easement and provide a final cross sectional detail on the map.**

#### Frontage Improvement Requirements:

##### **Public Streets:**

Bryan Avenue: Modified Collector (2-lanes on west side , 1-lane on east side w/ 2-way left

1. Dedication Requirements
  - a. Dedicate **42'-50'** of property, from **section line**, for public street purposes, within the limits of this application, per Public Works Standards. **See attachment.**
  - b. Dedicate a corner cuts for public street purposes at the intersection of Bryan and "C" Avenue.
  - c. Relinquish direct vehicular access rights to Bryan Avenue from all lots within this subdivision.
2. Construct:
  - a. Construct concrete curb, gutter and sidewalk to Public Works Standard **P-5**. The curb shall be constructed to a **12'** residential pattern. Construct a 6' residential sidewalk per Public Works Standard **P-53**.
  - b. Construct **20'** of permanent paving (measured from face of curb) within the limits of this subdivision.
  - c. Construct an underground street lighting system to Public Works Standard **E-1** within the limits of this subdivision. Spacing and design shall conform to Public Works Standard **E-8** for Collector Streets.

#### Gettysburg Avenue: Collector

##### 1. Dedication Requirements

- a. Dedicate **36'-44'** on the south side and **31'** on the north side of property, from center line, for public street purposes, within the limits of this application, per Public Works Standard **P-54**. Center line shall be established per Official Plan Line No. 111. **Obtain right of way located outside the limits of this map.**
- b. Dedicate corner cuts for public street purposes at the intersection of Gettysburg and Bryan and Gettysburg and "N" Avenue.
- c. Dedicate a **26'** (minimum) easement for Bike, Pedestrian and Landscape (BPLE) purposes **only**. (Additional right of way may be required for grading and drainage purposes.) **Combine the landscape easement with the BPLE.**
- d. Relinquish direct vehicular access rights to Gettysburg Avenue from all lots within this subdivision.

##### 2. Construct:

- a. Construct concrete curb and gutter to Public Works Standard **P-5**. The curb shall be constructed to a 12' pattern.
- b. Construct a **12'** wide Bike and Pedestrian **Class I Trail**, complete with lighting, signing, striping and landscaping, per the **2035 Fresno General Plan**, the Public Works **Standards P-58, P-59, P-60, P-61** and the Caltrans Highway Design Manual. Identify route on the map complete with a cross section.
- c. Construct an 80' bus bay curb and gutter at the southeast corner of Gettysburg and Bryan to Public Works Standard **P-73**, complete with a 10' monolithic sidewalk.
- d. Construct **20'** of permanent paving (measured from face of curb) within the limits of this subdivision.
- e. Construct an underground street lighting system to Public Works Standard **E-1** within the limits of this subdivision. Spacing and design shall conform to Public Works Standard **E-8** for Collector Streets.

#### N Avenue: Local

##### 1. Dedication Requirements

- a. Dedicate **56'-80'** of property, from center line, for public street purposes, within the limits of this application, per Public Works Standards.
- b. Dedicate a corner cut for public street purposes at the intersection of Gettysburg and N.
- c. Relinquish direct vehicular access to N Avenue from lots 23, 24, 25 and 26.

##### 2. Construction Requirements:

- a. Construct 18' of permanent paving along each side per Public Works Standards, within the limits of this application and transition paving as necessary.
- b. Construct standard curb ramps per Public Works Standard **P-28**, based on a **20'** radius.
- c. Construct concrete curb, gutter and sidewalk to Public Works Standard **P-5**. The curb shall be constructed to a 10' and 17' residential patterns. **Revise the cross section to show 5 ½' from curb to walk - 4' sidewalk and ½' from back of walk to right of way.** Planting of street trees shall conform to the minimum spacing guidelines as stated in the Standard Specification, Section 26-2.11(C).
- d. Construct an underground street lighting system to Public Works Standard **E-2** within the limits of this application. Spacing and design shall conform to Public Works Standards.

**Interior Streets:**

Dedicate, design and construct all curb, gutter, sidewalk, permanent paving, cul-de-sacs, easements and underground street lighting systems on all interior local streets to Public Works Standard **P-56**. All driveways shall be constructed to Public Works Standards. Pedestrian easements are required behind driveways with sidewalk patterns less than 10' with a 6" curb.

**Specific Mitigation Requirements:** This tract will generate 134 a.m. / 179 p.m. peak hour trips; therefore, a Traffic Impact Study (TIS) is required and has been submitted. Comply with the mitigation measure requirements of the Traffic Engineering Manager in the attached letter dated July 15, 2016.

1. Relinquish direct vehicular access rights to :
  - a. the north property line of lot 131.
  - b. the south property line of lot 179.
2. The first order of work shall include a minimum of two points of vehicular access to the major streets for any phase of this development.
3. Full offsite improvements adjacent to the proposed remainders shall be required for public health and safety and the orderly development of the surrounding area. Reference "**The Subdivision Map Act**", **Chapter 1, Section 66424.6**.
4. Ashcroft Avenue: Dedicate an additional 13' of street right of way on the south side of Ashcroft. Dedication is outside of the proposed boundary. Construct 12' of pavement with a six inch asphalt concrete dike.
5. "L" Street: Remove the additional 54' dedications from the proposed remainder. The exact location of future improvements will be determined at the time of development.
6. Revise cross sections for 56' street and "C" on the map. 10' pattern= 5 ½' min. from face of curb to walk- 4' min. walk -1/2' from back of walk to right of way.
7. 45.5' and 47' cross sections: Revise to Public Works Standards or revise to a x-section pre-approved Fire and Public Works and signed by the Assistant Public Works Director.
8. Private Pipe: Identify the proposed easement on the map.
9. Identify the existing and proposed street right of way.

**Traffic Signal Mitigation Impact (TSMI) Fee:** This project shall pay the current Traffic Signal Mitigation Impact Fee (TSMI Fee) at the time of building permit based on the trip generation rate(s) as set forth in the latest edition of the ITE Generation Manual for single family units (fee rate as shown in the Master Fee Schedule).

TSMI fee is credited against traffic signal and Intelligent Transportation System (ITS) improvements, provided that the improvements are; constructed at ultimate locations, contained within the build out of the 2035 General Plan circulation element and are included in the latest Nexus Analysis for TSMI fee. Project specific impacts that are not consistent with the *2035 General Plan, Public Works Standard Drawings* or not incorporated in the TSMI fee infrastructure costs, are not reimbursable unless the City Engineer and City Traffic Engineer include the new traffic signal and/or ITS improvements in the next update; upon the inclusion of the added infrastructure, the applicant shall agree to pay the newly calculated TSMI fee that includes the new infrastructure. Failure to pay this fee or construct improvements that are credited / reimbursable with this fee will result in a significant unmitigated impact as this fee is applied to all projects within the City Sphere of Influence. If the applicant is conditioned with improvements that are credited / reimbursable with this fee, they should work with the Department of Public Works and identify, with a Professional Engineer's estimate, the costs associated with the improvements, prior to paying the TSMI fee at time of building permit.

1. Gettysburg Avenue: Collector: Install a signal pole with a 150-watt equivalent LED safety light and an oversize street sign to Public Works Standards at the southeast corner of Gettysburg Avenue and Bryan Avenue.

**Fresno Major Street Impact (FMSI) Fee :** This Map is in the **New Growth Area**; therefore pay all applicable growth area fees and City-wide regional street impact fees.

**Fresno Major Street Impact (FMSI) Requirements:**

Bryan Avenue: Collector (Growth Area Street)

1. Dedicate and construct (1) 17' center section travel lanes and a 12' center two-way left turn lane within the limits of this subdivision. Stripe 200' left turn pockets at all major intersections. An additional 12' of paving shall be required to accommodate the 250' left turn pockets. Dedication shall be sufficient to accommodate additional paving and any other grading or transitions as necessary based on a **45 MPH** design speed.

Gettysburg Avenue: Collector (Growth Area Street)

1. Dedicate and construct (2) 17' center section travel lanes and a 12' center two-way left turn lane within the limits of this subdivision and continue to Hayes. Stripe 200' left turn pockets at all major intersections. An additional 12' of paving shall be required to accommodate the 250' left turn pockets. If not existing, an additional 8' dedication is required beyond the edge of pavement. Dedication shall be sufficient to accommodate additional paving and any other grading or transitions as necessary based on a **45 MPH** design speed.

**Regional Transportation Mitigation Fee (RTMF):** Pay all applicable **RTMF** fees to the Joint Powers Agency located at 2035 Tulare Street, Suite 201, Fresno, CA 93721; (559) 233-4148 ext. 200; [www.fresnocog.org](http://www.fresnocog.org). Provide proof of payment or exemption **prior** to certificate of occupancy.

11



BRYAN AVE  
24 OF GETTYSBURG

2-23-11  
PER LG/SD



**DEPARTMENT OF PUBLIC UTILITIES  
ADMINISTRATION DIVISION  
MEMORANDUM**



*Providing Life's Essential Services*

**Date:** July 28, 2016

**To:** WILL TACKET, Supervising Planner  
Planning and Development

**From:** KEVIN GRAY, Supervising Engineering Technician  
Department of Public Utilities, Planning and Engineering Division

**Subject:** SEWER REQUIREMENTS FOR VESTING TENTATIVE TRACT MAP 6056/UGM

**General**

Vesting Tentative Map of Tract No. 6056/UGM was filed by Gary Giannetta of Giannetta Consulting Civil Engineering, on behalf of Wathen Castanos Peterson Homes, and pertains to ±30.25 net acres property located on the east side of North Bryan Avenue between West Ashlan Avenue and West Gettysburg Avenue Alignment, 4356 North Bryan Avenue & APN: 512-070-01, 17s, 19, and 48. Vesting Tentative Tract Map No. 6056/UGM proposes to subdivide the subject property for purposes of creating a 179-lot single family residential subdivision with public streets and park lot.

**Sewer Requirements**

The nearest sanitary sewer main to serve the proposed project is a 15-inch sewer main located in the easement in the West Gettysburg Avenue Alignment and an 8-inch sewer main located in Bryan Avenue. Sanitary Sewer facilities are available to provide service to the site subject to the following requirements:

1. All sanitary sewer mains shall be extended within the proposed tract to provide service to each lot.
2. Installation of sewer house branch(s) shall be required.
3. Separate sewer house branches are required for each lot
4. On-site sanitary sewer facilities shall be private.
5. Abandon any existing on-site private septic systems.
6. All underground utilities shall be installed prior to permanent street paving.
7. Street easements and/or deeds shall be recorded prior to approval of improvement plans.



*A Nationally Accredited Public Utility Agency*



8. A Preliminary sewer design layout shall be prepared by the Developer's Engineer and submitted to the Department of Public Utilities for review and conceptual approvals prior to submittal or acceptance of the developers final map and engineered plan & profile improvement drawing for City review
9. Engineered improvement plans prepared by a Registered Civil Engineer shall be submitted for Department of Public Utilities review and approvals for proposed additions to the City Sewer System.
10. All public sanitary sewer facilities shall be constructed in accordance with City Standards, specifications, and policies.

#### **Sanitary Sewer Fees**

The following Sewer Connection Charges are due and shall be paid for the Project:

1. Lateral Sewer Charge.
2. Oversize Sewer Charge 39.
3. Trunk Sewer Charge: Grantland
4. Wastewater Facility Charge (Residential Only)



**DEPARTMENT OF PUBLIC UTILITIES – WATER DIVISION  
MEMORANDUM**



*Providing Life's Essential Services*

**DATE:** July 18, 2016

**TO:** WILL TACKETT, Supervising Planner  
Development and Resource Management Department – Current Planning

**THROUGH:** MICHAEL CARBAJAL, Division Manager  
Department of Public Utilities – Water Division

**FROM:** ROBERT DIAZ, Senior Engineering Technician  
Department of Public Utilities – Water Division *R.A.D.*

**SUBJECT: WATER REQUIREMENTS FOR VESTING TENTATIVE TRACT T-6056**

**General**

Vesting Tentative Map of Tract No. 6056/UGM was filed by Gary Giannetta of Giannetta Consulting Civil Engineering, on behalf of Wathen Castanos Peterson Homes, and pertains to ±30.25 net acres property located on the east side of North Bryan Avenue between West Ashlan Avenue and West Gettysburg Avenue Alignment, 4356 North Bryan Avenue & APN: 512-070-01, 17s, 19, and 48. Vesting Tentative Tract Map No. 6056/UGM proposes to subdivide the subject property for purposes of creating a 179-lot single family residential subdivision with public streets and park lot.

**Water Service**

The nearest water mains to serve the proposed project are a 14-inch main located in North Bryan Avenue and a 14-inch main located in North Hayes Avenue. Water facilities are available to provide service to the site subject to the following requirements:

1. Construct a 14-inch water main (including installation of City fire hydrants) in West Gettysburg Avenue from North Bryan Avenue east to North Hayes Avenue.
2. Water mains (including installation of City fire hydrants) shall be extended within the proposed tract to provide service to each lot.
3. Separate water services with meter boxes shall be provided to each lot created.
4. Destruct any existing on-site well in compliance with the State of California Well



*A Nationally Accredited Public Utility Agency*

Standards, Bulletin 74-81 and 74-90 or current revisions issued by California Department of Water Resources and City of Fresno standards.

5. Engineered improvement plans prepared by a Registered Civil Engineer are required for proposed additions to the City Water System.
6. All Public water facilities shall be constructed in accordance with The Department of Public Works standards, specifications, and policies.

#### **Water Fees**

The following Water Connection Charges and fees shall be paid for the project.

1. Wet-ties, Water service(s) and/or meter(s) installation(s)
2. UGM Water Supply Area Number: 101s



FIRE DEPARTMENT

DATE: July 23, 2016

TO: WILL TACKETT, Supervising Planner  
Development Department/Current Planning

FROM: BYRON BEAGLES, Fire Prevention Engineer  
Fire Department, Prevention Technical Services Division

SUBJECT: TENTATIVE TRACT MAP NO. 6056/UGM

This is a 179 lot public street single family home subdivision division at the south east corner of W. Gettysburg and N. Bryan. The Fire Department's conditions of approval include the following:

Proposed tract is located within 3.0 miles from temporary Fire Station 18 as well as the permanent station location on W. Shaw, west of N. Bryan.

Provide fire hydrants and fire flow per Public Utilities standards for single family residential development. The fire hydrant system shall be in service before delivery of lumber on site unless otherwise approved with a temporary water supply for model home construction.

All construction work on this project is subject to interruption if the road system becomes impassable for fire apparatus. Access roadways during construction shall be paved or provided with an all-weather driving surface approved by the Fire Department.

Interior street sections of 45.5 feet and 47 feet do not comply with current Public Works Standards but the effective street width of 35'7" as measured to flow line is acceptable to FFD.

The entrance streets are spilt with medians creating 18 foot travel lanes. The curbs for these travel lanes must be signed "NO PARKING" or red curbed.

No section detail was provided for the W. Ashcroft right of way; it is dimensioned at 28' and actual street width is unknown but assumed less than 28' (min. PW standard is 22'), and both curbs need to be designated "NO PARKING"

**FRESNO METROPOLITAN FLOOD CONTROL DISTRICT  
NOTICE OF REQUIREMENTS**

File No. 210.45

Page 1 of 5

**PUBLIC AGENCY**

WILL TACKETT  
DEVELOPMENT SERVICES/PLANNING  
CITY OF FRESNO  
2600 FRESNO STREET, ROOM 3043  
FRESNO, CA 93721-3604

**DEVELOPER**

ANDREA WEAVER, WATHEN CASTANOS  
PETERSON HOMES  
802 W. PINEDALE AVE., SUITE 104  
FRESNO, CA 93711

PROJECT NO: **6056**

ADDRESS: **SEC BRYAN AND GETTYSBURG**

APN: **512-070-01**

SENT: **8/12/16**

Drainage Area(s)	Preliminary Fee(s)	Development Review Service Charge(s)	Fee(s)
EO	\$301,332.00	NOR Review	\$1,399.00 To be paid prior to release of District comments to Public Agency and Developer.
		Grading Plan Review	\$3,905.00 Amount to be submitted with first grading plan submittal.
		Storm Drain Plan Review	For amount of fee, refer to <a href="http://www.fresnofloodcontrol.org">www.fresnofloodcontrol.org</a> for form to fill out and submit with first storm drainplan submittal (blank copy attached).
Total Drainage Fee: \$301,332.00		Total Service Charge:	\$5,304.00

The proposed development will generate storm runoff which produces potentially significant environmental impacts and which must be properly discharged and mitigated pursuant to the California Environmental Quality Act and the National Environmental Policy Act. The District in cooperation with the City and County has developed and adopted the Storm Drainage and Flood Control Master Plan. Compliance with and implementation of this Master Plan by this development project will satisfy the drainage related CEQA/NEPA impact of the project mitigation requirements.

Pursuant to the District's Development Review Fee Policy, the subject project shall pay review fees for issuance of this Notice of Requirements (NOR) and any plan submittals requiring the District's reviews. The NOR fee shall be paid to the District by Developer before the Notice of Requirement will be submitted to the City. The Grading Plan fee shall be paid upon first submittal. The Storm Drain Plan fee shall be paid prior to return/pick up of first submittal.

The proposed development 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 issuance. The fee indicated above is valid through 2/28/17 based on the site plan submitted to the District on 6/30/16. Contact FMFCD for a revised fee in cases where changes are made in the proposed site plan which materially alter the proposed impervious area.

Considerations which may affect the fee obligation(s) or the timing or form of fee payment:

- a.) Fees related to undeveloped or phased portions of the project may be deferrable.
- b.) Fees may be calculated based on the actual percentage of runoff if different than that typical for the zone district under which the development is being undertaken and if permanent provisions are made to assure that the site remains in that configuration.
- c.) Master Plan storm drainage facilities may be constructed, or required to be constructed in lieu of paying fees.
- d.) The actual cost incurred in constructing Master Plan drainage system facilities is credited against the drainage fee obligation.
- e.) When the actual costs incurred in constructing Master Plan facilities exceeds the drainage fee obligation, reimbursement will be made for the excess costs from future fees collected by the District from other development.
- f.) Any request for a drainage fee refund requires the entitlement cancellation and a written request addressed to the General Manager of the District within 60 days from payment of the fee. A non refundable \$300 Administration fee or 5% of the refund whichever is less will be retained without fee credit.

**FR  
TRACT No. 6056**

**FRESNO METROPOLITAN FLOOD CONTROL DISTRICT  
NOTICE OF REQUIREMENTS**

Page 2 of 5

**Approval of this development shall be conditioned upon compliance with these District Requirements.**

1. ☐ a. Drainage from the site shall BE DIRECTED TO  
☒ b. Grading and drainage patterns shall be as identified on Exhibit No. 1  
☐ c. The grading and drainage patterns shown on the site plan conform to the adopted Storm Drainage and Flood Control Master Plan.
  
2. The proposed development shall construct and/or dedicate Storm Drainage and Flood Control Master Plan facilities located within the development or necessitated by any off-site improvements required by the approving agency:  
☒ Developer shall construct facilities as shown on Exhibit No. 1 as "MASTER PLAN FACILITIES TO BE CONSTRUCTED BY DEVELOPER".  
☐ None required.
  
3. The following final improvement plans and information shall be submitted to the District for review prior to final development approval:  
☒ Grading Plan  
☒ Street Plan  
☒ Storm Drain Plan  
☒ Water & Sewer Plan  
☒ Final Map  
☒ Drainage Report (to be submitted with tentative map)  
☐ Other  
☐ None Required
  
4. Availability of drainage facilities:  
☐ a. Permanent drainage service is available provided the developer can verify to the satisfaction of the City that runoff can be safely conveyed to the Master Plan inlet(s).  
☐ b. The construction of facilities required by Paragraph No. 2 hereof will provide permanent drainage service.  
☐ c. Permanent drainage service will not be available. The District recommends temporary facilities until permanent service is available.  
☒ d. See Exhibit No. 2.
  
5. The proposed development:  
☐ Appears to be located within a 100 year flood prone area as designated on the latest Flood Insurance Rate Maps available to the District, necessitating appropriate floodplain management action. (See attached Floodplain Policy.)  
☒ Does not appear to be located within a flood prone area.
  
6. ☐ The subject site contains a portion of a canal or pipeline that is used to manage recharge, storm water, and/or flood flows. The existing capacity must be preserved as part of site development. Additionally, site development may not interfere with the ability to operate and maintain the canal or pipeline.

**FR TRACT No. 6056**

**FRESNO METROPOLITAN FLOOD CONTROL DISTRICT  
NOTICE OF REQUIREMENTS**

Page 3 of 5

**FR TRACT No. 6056**

7. The Federal Clean Water Act and the State General Permits for Storm Water Discharges Associated with Construction and Industrial Activities (State General Permits) require developers of construction projects disturbing one or more acres, and discharges associated with industrial activity not otherwise exempt from National Pollutant Discharge Elimination System (NPDES) permitting, to implement controls to reduce pollutants, prohibit the discharge of waters other than storm water to the municipal storm drain system, and meet water quality standards. These requirements apply both to pollutants generated during construction, and to those which may be generated by operations at the development after construction.
- a. State General Permit for Storm Water Discharges Associated with Construction Activities, effective July 1, 2010, as amended. A State General Construction Permit is required for all clearing, grading, and disturbances to the ground that result in soil disturbance of at least one acre (or less than one acre) if part of a larger common plan of development or sale). Permittees are required to: submit a Notice of Intent and Permit Registration Documents to be covered and must pay a permit fee to the State Water Resources Control Board (State Board), develop and implement a storm water pollution prevention plan, eliminate non-storm water discharges, conduct routine site inspections, train employees in permit compliance, and complete an annual certification of compliance.
  - b. State General Permit for Storm Water Discharges Associated with Industrial Activities, April, 1997 (available at the District Office). A State General Industrial Permit is required for specific types of industries described in the NPDES regulations or by Standard Industrial Classification (SIC) code. The following categories of industries are generally required to secure an industrial permit: manufacturing; trucking; recycling; and waste and hazardous waste management. Specific exemptions exist for manufacturing activities which occur entirely indoors. Permittees are required to: submit a Notice of Intent to be covered and must pay a permit fee to the State Water Resources Control Board, develop and implement a storm water pollution prevention plan, eliminate non-storm water discharges, conduct routine site inspections, train employees in permit compliance, sample storm water runoff and test it for pollutant indicators, and annually submit a report to the State Board.
  - c. The proposed development is encouraged to select and implement storm water quality controls recommended in the Fresno-Clovis Storm Water Quality Management Construction and Post-Construction Guidelines (available at the District Office) to meet the requirements of the State General Permits, eliminate the potential for non-storm water to enter the municipal storm drain system, and where possible minimize contact with materials which may contaminate storm water runoff.
8. A requirement of the District may be appealed by filing a written notice of appeal with the Secretary of the District within ten days of the date of this Notice of Requirements.
9. The District reserves the right to modify, reduce or add to these requirements, or revise fees, as necessary to accommodate changes made in the proposed development by the developer or requirements made by other agencies.
10.   X   See Exhibit No. 2 for additional comments, recommendations and requirements.

  
\_\_\_\_\_  
Peter Sanchez  
District Engineer

  
\_\_\_\_\_  
Rick Lyons  
Project Engineer



**FRESNO METROPOLITAN FLOOD CONTROL DISTRICT  
NOTICE OF REQUIREMENTS**

Page 4 of 5

CC:

GARY G. GIANNETTA

1119 S STREET

FRESNO, CA 93721

**FR TRACT No. 6056**

# FRESNO METROPOLITAN FLOOD CONTROL DISTRICT NOTICE OF REQUIREMENTS

Page 5 of 5

Pursuant to the District's Development Review Fee Policy, the subject project shall pay review fees in the amount identified below for Storm Drain Review. The fee shall be paid to the District by Developer with first plan submittal. Checks shall be made out to Fresno Metropolitan Flood Control District.

Application No. **FR TRACT 6056**

Name / Business **ANDREA WEAVER, WATHEN CASTANOS PETERSON HOMES**

Project Address **SEC BRYAN AND GETTYSBURG**

Project APN(s) **512-070-01**

Project Acres (gross) **32.54**

Please fill in the table below of proposed storm drain facilities to be constructed with this development and return completed form with first plan submittal. If you have any questions or concerns regarding the construction of facilities list, you can contact the Fresno Metropolitan Flood Control District at 559-456-3292.

Description	Qty	Unit	Price	Amount
-------------	-----	------	-------	--------

Estimated Construction Cost \_\_\_\_\_

If fee equals or less than \$ of \_\_\_\_\_

\$37,500 plus 3% of the estimated construction costs \_\_\_\_\_ Total (\$300.00 gross per acre) **\$9,762.00**

**Amount Due** \_\_\_\_\_

## Storm Drain Facilities Cost Sheet

15" Concrete Pipes \$63.00 LF

18" Concrete Pipes \$67.00 LF

24" Concrete Pipes \$75.00 LF

30" Concrete Pipes \$89.00 LF

36" Concrete Pipes \$104.00 LF

42" Concrete Pipes \$121.00 LF

48" Concrete Pipes \$142.00 LF

54" Concrete Pipes \$172.00 LF

60" Concrete Pipes \$202.00 LF

66" Concrete Pipes \$238.00 LF

72" Concrete Pipes \$276.00 LF

84" Concrete Pipes \$308.00 LF

96" Concrete Pipes \$333.00 LF

15" Jacked Pipes \$525.00 LF

18" Jacked Pipes \$575.00 LF

24" Jacked Pipes \$650.00 LF

30" Jacked Pipes \$725.00 LF

36" Jacked Pipes \$800.00 LF

42" Jacked Pipes \$850.00 LF

48" Jacked Pipes \$900.00 LF

54" Jacked Pipes \$975.00 LF

60" Jacked Pipes \$1,050.00 LF

66" Jacked Pipes \$1,150.00 LF

72" Jacked Pipes \$1,300.00 LF

84" Jacked Pipes \$1,450.00 LF

Manholes \$3,750.00 EA

Inlets & Laterals \$4,450.00 EA

Outfalls \$8,500.00 EA

Canal Outfalls \$9,000.00 EA

Basin Excavation \$0.75 CY

## IMPROVEMENTS ADJACENT TO BASIN

Fence, Pad, and Gate \$20.00 LF

Mowstrip \$17.50 LF

Arterial Paving \$62.00 LF

Local Paving \$41.50 LF

Curb and Gutter \$18.25 LF

Sidewalk \$36.00 LF

Sewer Line \$21.00 LF

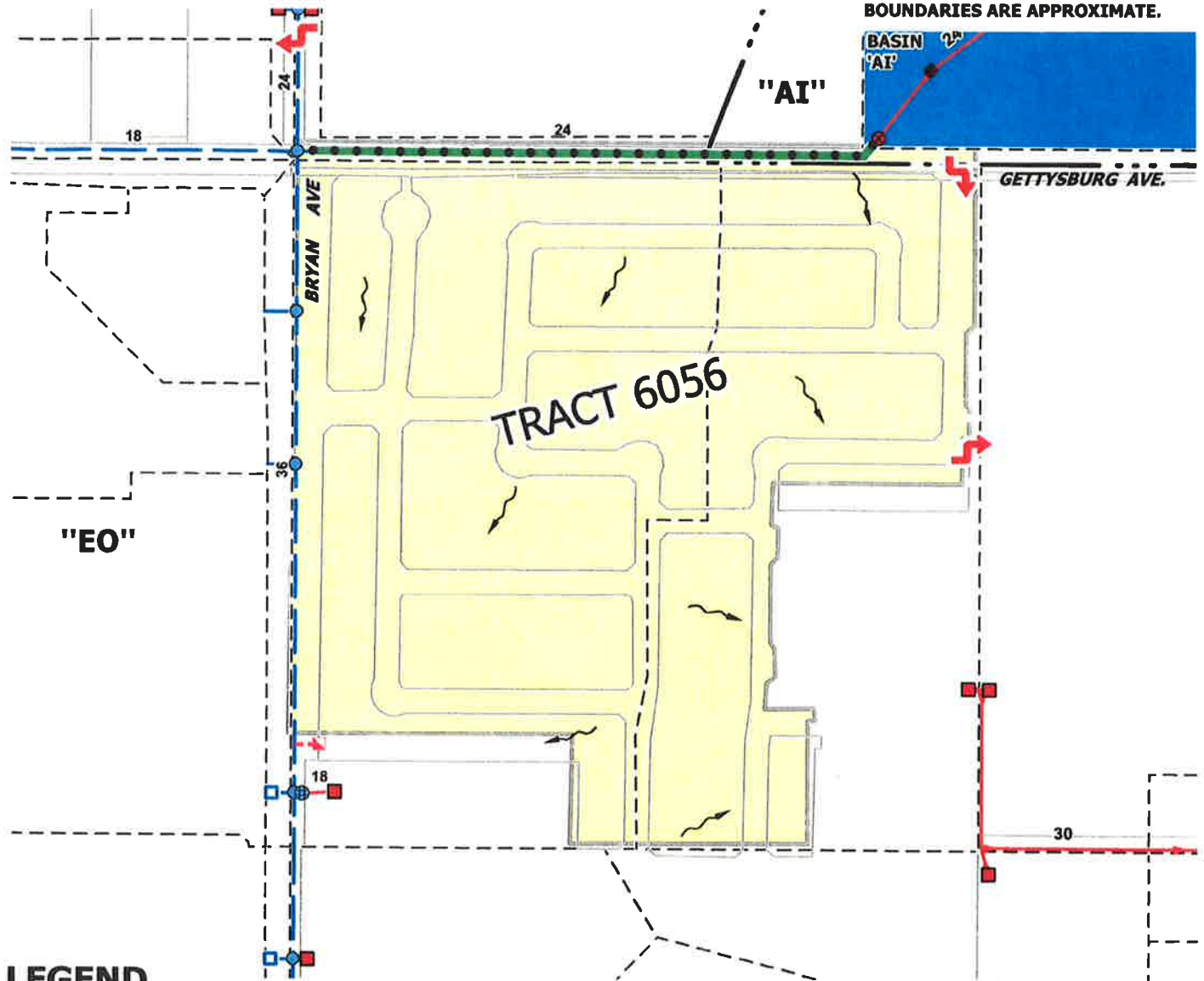
Water Line \$24.00 LF

Street Lights \$21.00 LF

Pump Station Intake \$375,000.00 EA

**FR TRACT No. 6056**

NOTE: THIS MAP IS SCHEMATIC.  
DISTANCES, AMOUNT OF CREDITABLE  
FACILITIES, AND LOCATION OF INLET  
BOUNDARIES ARE APPROXIMATE.



## LEGEND

- Creditable Facilities (Master Plan Facilities To Be Constructed By Developer)-Pipeline (Size Shown) & Inlet.
- Private Facilities To Be Constructed By Developer (Not Eligible For Fee Credit); To Be Abandoned Once Permanent Master Plan Facilities Are Constructed.
- Existing Master Plan Facilities
- Future Master Plan Facilities
- Inlet Boundary
- Drainage Area Boundary
- Direction of Drainage
- Limits of Tract 6056
- Major Storm Breakover



1" = 300'

**TRACT 6056**  
**DRAINAGE AREA "EO"**

## EXHIBIT NO. 1

## FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

**OTHER REQUIREMENTS**  
**EXHIBIT NO. 2**

The cost of construction of Master Plan facilities, excluding dedication of storm drainage easements, is eligible for credit against the drainage fee of the drainage area served by the facilities. A Development Agreement shall be executed with the District to effect such credit. Reimbursement provisions, in accordance with the Drainage Fee Ordinance, will be included to the extent that developer's Master Plan costs for an individual drainage area exceed the fee of said area. Should the facilities cost for such individual area total less than the fee of said area, the difference shall be paid upon demand to the City or District. The District shall complete an inter-fund loan between Drainage Areas "AI" and "EO", as necessary, to apply credit for the construction of Drainage Area "AI" facilities against the Drainage Area "EO" drainage fee obligation of Tract 6056.

The westerly portion of Tract 6056 will have drainage service available upon construction of the private facility shown in Exhibit No. 1. The easterly portion of Tract 6056 does not have permanent drainage service available. The District recommends temporary facilities until permanent service is available.

The Master Plan system has been designed such that during a two-year event flow will not exceed the height of the 6-inch curb. Should wedge curb (4.5 inches height) be used the same criteria shall apply whereby flow remains below the top of curb. Any extensions or pipe size increases due to meeting the requirement listed above shall be at the developer's expense.

Lot coverage must be provided to the District prior to submittal of improvement plans. The final drainage fee will be calculated commensurate with the lot coverage provided by the developer. If the lot coverage indicates a density higher than Master Planned, mitigation may be required. The lot coverage calculated by the District includes the front yard walkway, sidewalk walkway and the rear yard patio equaling an additional 6% of impervious area in addition to the City's typical lot coverage calculation.

The developer is required to provide storage in Basin "EO" by excavating 8,000 cubic yards as directed by the District in an excavation permit obtained from the District. If stockpiled within Basin "EO", the developer will be eligible for \$1.40 per cubic yard credit. The District reserves the right to delete this work prior to the developer initiating work.

Prior to any work being initiated in the basin, the developer or his Contractor shall obtain an excavation permit from the District. If the work consists solely of stockpiling material excavated from the basin within the basin, there is not a permit fee. However, if any material is removed from the basin (off-site), a permit fee shall be paid prior to receiving the permit. No importing of material is permitted.

Development No. Tract 6056



# County of Fresno

**DEPARTMENT OF PUBLIC HEALTH**  
**DAVID POMAVILLE, DIRECTOR**  
**DR. KEN BIRD, HEALTH OFFICER**

July 6, 2016

Will Tackett  
Development & Resource Management  
2600 Fresno Street, Third Floor  
Fresno, CA 93721-3604

LU0018559  
2602

Dear Mr. Tackett:

PROJECT NUMBER: TT-6056

**Vesting Tentative Map of Tract No. 6056/UGM** was filed by Gary Giannetta of Giannetta Consulting Civil Engineer, on behalf of Wathen Castanos Peterson Homes, and pertains to  $\pm 30.25$  net acres of property located on the east side of North Bryan Avenue between West Ashlan Avenue and West Gettysburg Avenue Alignment. Vesting Tentative Tract Map No. 6056/UGM proposes to subdivide the subject property for purposes of creating a 179-lot single family residential subdivision with public streets and park lot.

**APNs: 512-070-01, 17s, 19, 48**

**ZONING: RS-5/UGM** (*Residential Single Family, Medium Density/Urban Growth Management*)

**SITE ADDRESS: 4356 NORTH BRYAN AVENUE**

Recommended Conditions of Approval:

- Construction permits for development should be subject to assurance of sewer capacity of the Regional Wastewater Treatment Facility. Concurrence should be obtained from the California Regional Water Quality Control Board (RWQCB). For more information, contact staff at (559) 445-5116.
- Construction permits for the development should be subject to assurance that the City of Fresno community water system has the capacity and quality to serve this project. Concurrence should be obtained from the State Water Resources Control Board, Division of Drinking Water-Southern Branch. For more information call (559) 447-3300.
- Due to the proximity of the proposed residential uses to an existing thoroughfare, consideration should be given to conformance with the Noise Element of the City of Fresno General Plan. A noise study should be conducted in order to identify the potential noise impacts and offer mitigation alternatives.
- The proposed construction project has the potential to expose nearby residents to elevated noise levels. Consideration should be given to your City's municipal code.
- As a measure to protect ground water, all water wells and/or septic systems that exist or have been abandoned within the project area should be properly destroyed by an appropriately licensed contractor.

***Promotion, preservation and protection of the community's health***

1221 Fulton Mall / P.O. Box 11867 / Fresno, California 93775 / Phone (559) 600-3271 / FAX (559) 455-4646

Email: [EnvironmentalHealth@co.fresno.ca.us](mailto:EnvironmentalHealth@co.fresno.ca.us) ♦ [www.co.fresno.ca.us](http://www.co.fresno.ca.us) ♦ [www.fcdph.org](http://www.fcdph.org)

Equal Employment Opportunity ♦ Affirmative Action ♦ Disabled Employer

Prior to destruction of agricultural wells, a sample of the upper most fluid in the water well column should be sampled for lubricating oil. The presence of oil staining around the water well may indicate the use of lubricating oil to maintain the well pump. Should lubricating oil be found in the well, the oil should be removed from the well prior to placement of fill material for destruction. The "oily water" removed from the well must be handled in accordance with federal, state and local government requirements.

- Should any underground storage tank(s) be found during the project, the applicant shall apply for and secure an Underground Storage Tank Removal Permit from the Fresno County Department of Public Health, Environmental Health Division. Contact the Certified Unified Program Agency at (559) 600-3271 for more information.

The following comments pertain to the demolition of the existing structure(s):

- Should the structure(s) have an active rodent or insect infestation, the infestation should be abated prior to demolition of the structure(s) in order to prevent the spread of vectors to adjacent properties.
- In the process of demolishing the existing structure(s), the contractor may encounter asbestos containing construction materials and materials coated with lead based paints.
- If asbestos containing materials are encountered, contact the San Joaquin Valley Air Pollution Control District at (559) 230-6000 for more information.
- If the structure(s) were constructed prior to 1979 or if lead-based paint is suspected to have been used in the structure(s), then prior to demolition work the contractor should contact the following agencies for current regulations and requirements:
  - California Department of Public Health, Childhood Lead Poisoning Prevention Branch, at (510) 620-5600.
  - United States Environmental Protection Agency, Region 9, at (415) 947-8000.
  - State of California, Industrial Relations Department, Division of Occupational Safety and Health, Consultation Service (CAL-OSHA) at (559) 454-5302.
- Any construction materials deemed hazardous as identified in the demolition process must be characterized and disposed of in accordance with current federal, state, and local requirements.

---

REVIEWED BY:

Kevin Tsuda

Digitally signed by Kevin Tsuda  
DN: cn=Kevin Tsuda, o=Fresno County  
Department of Public Health,  
ou=Environmental Health Division,  
email=Ktsuda@co.fresno.ca.us, c=US  
Date: 2016.07.06 13:35:30 -07'00'

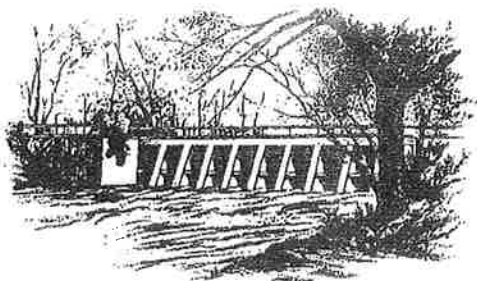
Kevin Tsuda, R.E.H.S.  
Environmental Health Specialist II

(559) 600-3271

---

kt

cc: Glenn Allen- Environmental Health Division (CT 38.01)  
Gary Giannetta- Project Engineer ([garygce@sbcglobal.net](mailto:garygce@sbcglobal.net))  
Andrea Weaver- Applicant ([andreaw@wchomes.com](mailto:andreaw@wchomes.com))



YOUR MOST VALUABLE RESOURCE - WATER

July 25, 2016



OFFICE OF  
TELEPHONE (559) 233-7161  
FAX (559) 233-8227  
2907 S. MAPLE AVENUE  
FRESNO, CALIFORNIA 93725-2208

Will Tackett  
Development and Resource Management  
City of Fresno  
2600 Fresno St, Third Floor  
Fresno, CA 93721-3604

RE: Vesting Tentative Tract Map No. 6056/UGM  
S/E Gettysburg and Bryan avenues

Dear Mr. Tackett:

The Fresno Irrigation District (FID) has reviewed the Vesting Tentative Tract Map No. 6056/UGM for which the applicant proposes to subdivide the subject property for purposes of creating a 179-lot single family residential subdivision with public streets and park lot, APNs: 512-070-01, 17s, 19, 48. FID has the following comments and conditions:

1. FID does not own, operate or maintain any facilities located on the subject property as shown on the attached FID exhibit map.
2. For informational purposes, FID's active Silvia Pipeline No. 47 runs westerly and crosses Bryan Avenue approximately 1,100 feet north of the subject property as shown on the attached FID exhibit map. Should this project include any street and or utility improvements along Bryan Avenue or in the vicinity of this pipeline, FID requires it review and approve all plans.
3. For informational purposes, the Private Wheaton No. 518 Pipeline runs south westerly and traverses the subject property as shown on the attached FID exhibit map. FID's records indicate this private line is currently active and should be treated as such. FID can provide the City with a list of known users upon request.

G:\Agencies\FresnoCity\Tract Map\6056UGM.doc

4. The proposed development may negatively impact local groundwater supplies. The area was historically native or rural residential with minimal to no water use. Under current circumstances the project area is experiencing a modest but continuing groundwater overdraft. The proposed land use (or change in land use) should be such that the need for water is minimized and/or reduced so that groundwater impacts to the proposed area and any surrounding areas are eliminated. The "demand" side of water consumed needs to be evaluated or scrutinized as much as the "supply" side of the water supply. FID is concerned that the proposed development may negatively impact local groundwater supplies. Should the proposed development result in a significant increase in dependence on groundwater, this deficit will increase.
5. FID suggests the City of Fresno require the proposed development balance anticipated groundwater use with sufficient recharge of imported surface water in order to preclude increasing the area's existing groundwater overdraft problem.

Thank you for submitting the proposed project for our review. We appreciate the opportunity to review and comment on the subject documents for this project. If you have any questions please feel free to contact Chris Lundeen at (559) 233-7161 extension 7410 or [clundeen@fresnoirrigation.com](mailto:clundeen@fresnoirrigation.com).

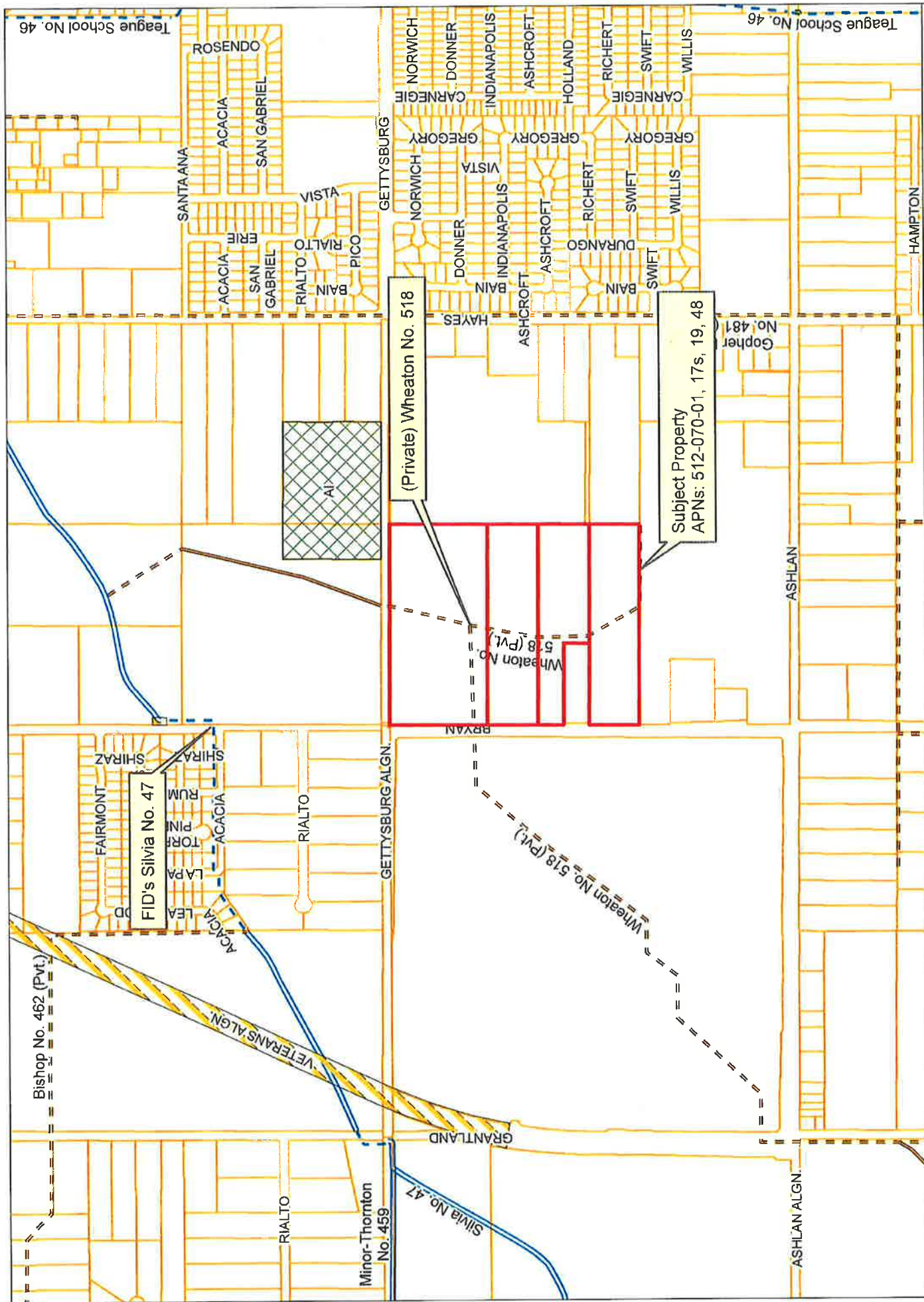
Sincerely,



Laurence Kimura, P.E.  
Chief Engineer

Attachment





This map was produced by the Fresno Irrigation District and is provided for reference and informational purposes only and is not intended to show map scale accuracy or all inclusive map features, nor for legal purposes. FID makes no statements regarding the accuracy of this map as the features shown are in their approximate location. Please contact the FID Engineering Dept. at (559) 233-7161 for further information on FID facilities.



**Legend**

- FID Canal
- Private Canal
- Abandoned Canal
- Stream Group
- Other-Creek/River
- Other-Pipeline
- FID Pipeline
- Private Pipeline
- Abandoned Pipeline
- FID Boundary
- Railroad
- Streets & Hwys
- Parcel
- FMFCD Acquired Basins
- FMFCD Proposed Basins

Scale: 1 inch = 789.22 feet

5/29/2015

G:\Caddmaster\AO10.mxd



**San Joaquin Valley**  
AIR POLLUTION CONTROL DISTRICT



**JUL 26 2016**

Planning Department  
City of Fresno  
2600 Fresno St., 3rd Floor  
Fresno, CA 93721-3604

**Re: Air Impact Assessment (AIA) Application Approval**  
**ISR Project Number: C-20160151**  
**Land Use Agency: City of Fresno**  
**Land Use Agency ID Number: TRACT 6056**

To Whom It May Concern:

The San Joaquin Valley Air Pollution Control District (District) has approved the Air Impact Assessment (AIA) application for the Tract 6056 project located at 4374 N. Bryan Avenue in Fresno, California. Pursuant to District Rule 9510, Section 8.4, the District is providing the City of Fresno with the following information:

- A notification of AIA approval (this letter)
- A statement of tentative rule compliance (this letter)
- A copy of the Air Impact Assessment application
- An approved Monitoring and Reporting Schedule

Certain emission mitigation measures proposed by the applicant may be subject to approval or enforcement by the City of Fresno. No provision of District Rule 9510 requires action on the part of the City of Fresno; however, please review the enclosed list of mitigation measures and notify the District if the proposed mitigation measures are inconsistent with your agency's requirements for this project. The District can provide the detailed emissions analysis upon request.

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585

Page 2

If you have any questions, please contact Ms. Cherie A Clark at (559) 230-5940.

Sincerely,

Arnaud Marjollet  
Director of Permit Services

  
Brian Clements  
Program Manager

AM: cc

Enclosures



# San Joaquin Valley Air Pollution Control District

## Indirect Source Review (ISR) - Air Impact Assessment (AIA)

### Application Form



#### A. Applicant Information

Applicant/Business Name: Wathen Castanos Peterson Homes, Inc.

Mailing Address: 802 W. Pinedale, #104

City: Fresno

State: CA

Zip:  
93711

Contact: Andrea Weaver

Title: Corporate Engineer

Is the Applicant a licensed state contractor? ☒ No ☐ Yes, please provide State License number:

Phone: 559-432-8181

Fax: 559-432-0811

Email: andreaw@wchomes.com

#### B. Agent Information (if applicable)

Agent/Business Name: Gary G. Giannetta, Consulting Civil Engineer

Mailing Address: 1119 'S' Street

City: Fresno

State: CA

Zip:  
93721

Contact: Bret Giannetta

Title: Civil Engineer

Phone: 559-264-3590

Fax: 559-264-0696

Email: bretgce@sbcglobal.net

If an Agent is signing the Air Impact Assessment Application on behalf of the Applicant, a signed letter from the Applicant giving the Agent authorization is required.

#### C. Project Information

Project Name: Tract 6056

Tract Number(s) (if known): 6056

Project Location

Street: 4374 N. Bryan Avenue

City: Fresno

Zip:  
93723

Cross Streets: W. Gettysburg Avenue & N. Bryan Avenue

County: Fresno

Permitting Agency: City of Fresno

Planner: Will Tackett

Mailing Address: 2600 Fresno Street

City: Fresno

State: CA

Zip:  
93721

Permit Type and Number (if known):

#### D. Project Description

Please briefly describe the project (e.g.: 300 multi family residential units apartments and 35,000 square feet of commercial uses):  
**179 lot single family residential subdivision.**

Please check the box next to each applicable land use below:

- |  |   |   |                                |
|--|---|---|--------------------------------|
| <input type="checkbox"/> Commercial / Retail | <input type="checkbox"/> Light Industrial | <input checked="" type="checkbox"/> Residential | <input type="checkbox"/> Other |
| <input type="checkbox"/> Office              | <input type="checkbox"/> Heavy Industrial | <input type="checkbox"/> Recreational           |                                |
| <input type="checkbox"/> Government          | <input type="checkbox"/> Educational      | <input type="checkbox"/> Medical                |                                |

Select land use setting below:

- ☐ Urban ☐ Rural

#### E. Notice of Violation

Is this application being submitted as a result of receiving a Notice of Violation (NOV) from the District?

- ☒ No ☐ Yes, NOV # \_\_\_\_\_

#### F. Voluntary Emission Reduction Agreement

Is this project part of a larger project for which there is a Voluntary Emission Reduction Agreement (VERA) with the District?

- ☒ No ☐ Yes, VERA # \_\_\_\_\_

#### G. Optional Section

Do you want to receive information about the Healthy Air Living Business Partners Program? ☐ Yes ☒ No

**FOR APCD USE ONLY**

Filing Fee Received: <u>490.00</u> Date Paid: _____ Applicant #: <u>C-302457</u>	Ch #: <u>0705-00000012</u> Project #: <u>C-20160151</u>	Date Stamp: Finance	Date Stamp: Permit <b>RECEIVED</b> JUN 15 2016 Permits Services S.M.A.R.C.D.
---	--	---------------------	--

#### H. Parcel and Land Owner Information

	APN (000-000-00 Format)	Gross Acres	Land Owner
1.	512-070-01, 17, 19 & 48	31.8	Ashlan and Hayes Investments
2.			
3.			
4.			

Additional sheets for listing APN numbers can be found on the District's website at [www.valleyair.org](http://www.valleyair.org)

#### I. Project Development and Operation

Will the project require demolition of existing structures?	<input type="checkbox"/> Yes, complete I-1	<input checked="" type="checkbox"/> No, complete I-2
---	--	--

##### I-1. Demolition

Total square feet of building(s) footprint to be demolished:	Number of Building Stories:
Demolition Start Date (Month/Year):	Number of Days for Demolition:

##### I-2. Timing

Expected number of work days per week during construction? <input checked="" type="checkbox"/> 5 days <input type="checkbox"/> 6 days <input type="checkbox"/> 7 days	Will the project be developed in multiple phases? <input checked="" type="checkbox"/> Yes, complete I-3 <input type="checkbox"/> No, complete I-4
--	--

#### I-3. Phased Site Development and Building Construction

In addition to the information below the applicant may submit a phase specific activity timeline. The phase specific activity timeline form can be found on the District's website at [www.valleyair.org](http://www.valleyair.org)

1	Start of Construction (Month/Year): 8/1/16	Gross Acres: 31.8
	End of Construction (Month/Year): 12/31/16	Net Acres (area devoted to buildings/structures): N/A
	First Date of Occupation (Month/Year): N/A-Grading	Paved Parking Area (# of Spaces): N/A
	Building Square Footage: N/A-Grading	Number of Dwelling Units: N/A
2	Start of Construction (Month/Year): 1/2/17	Gross Acres: 10.6
	End of Construction (Month/Year): 12/31/17	Net Acres (area devoted to buildings/structures): 6.7
	First Date of Occupation (Month/Year): 4/1/17	Paved Parking Area (# of Spaces): N/A
	Building Square Footage: 60 @ 1,700 = 102,000	Number of Dwelling Units: 60
3	Start of Construction (Month/Year): 1/2/18	Gross Acres: 10.6
	End of Construction (Month/Year): 12/31/18	Net Acres (area devoted to buildings/structures): 6.7
	First Date of Occupation (Month/Year): 4/1/18	Paved Parking Area (# of Spaces): N/A
	Building Square Footage: 60 @ 1,700 = 102,000	Number of Dwelling Units: 60
4	Start of Construction (Month/Year): 1/2/19	Gross Acres: 10.6
	End of Construction (Month/Year): 12/31/19	Net Acres (area devoted to buildings/structures): 6.6
	First Date of Occupation (Month/Year): 4/1/19	Paved Parking Area (# of Spaces): N/A



	Building Square Footage: 59 $\times$ 1,700 = 100,300	Number of Dwelling Units: 59
5	Start of Construction (Month/Year):	Gross Acres:
	End of Construction (Month/Year):	Net Acres (area devoted to buildings/structures):
	First Date of Occupation (Month/Year):	Paved Parking Area (# of Spaces):
	Building Square Footage:	Number of Dwelling Units:
Additional sheets for placing information can be found on the District's website at <a href="http://www.valleyair.org">www.valleyair.org</a>		

#### I-4. Single Phase Development

Start of Construction (Month/Year):	Gross Acres:
End of Construction (Month/Year):	Net Acres (area devoted to buildings/structures):
First Date of Occupation (Month/Year):	Paved Parking Area (# of Spaces):
Building Square Footage:	Number of Dwelling Units:

#### J. On-Site Air Pollution Reductions (Mitigation Measures)

Listed below are categories of possible mitigation measures that will reduce a project's impact on air quality. If a category is applicable to the project, check "Yes", and please complete the corresponding page to identify specific mitigation measures within that category. If a category is not applicable to the project, check "No".

1. Construction Detailed Fleet (making a commitment to using a construction fleet that will achieve the emission reductions required by District Rule 9510)

- ☒ Yes, please complete mitigation measure 1  
☐ No

2. Land Use/Location (e.g. increased density, improve walkability design, increase transit, etc.)

- ☒ Yes, please complete applicable mitigation measures 2a through 2f  
☐ No

3. Neighborhood/Site Enhancements (e.g. improve pedestrian network, traffic calming measures, NEV network, etc.)

- ☒ Yes, please complete applicable mitigation measures 3a through 3c  
☐ No

4. Parking Policy/Pricing (e.g. parking cost, on-street market pricing, limit parking supply, etc.)

- ☐ Yes, please complete applicable mitigation measure 4a through 4e  
☒ No

5. Commute Trip Reduction Programs (e.g. workplace parking charge, employee vanpool/shuttle, ride sharing program, etc.)

- ☐ Yes, please complete applicable mitigation measures 5a through 5f  
☒ No

6. Building Design (e.g. woodstoves or fireplaces)

- ☐ Yes, please complete mitigation measure 6  
☒ No

7. Building Energy (e.g. exceed title 24, electrical maintenance equipment)

- ☒ Yes, please complete applicable mitigation measures 7a through 7b  
☐ No

#### K. Review Period

You may request a five (5) day period to review a draft of the District's analysis of your project before it is finalized. However, if you choose this option, it will delay the project's finalization by five (5) business days.

- ☒ I request to review a draft of the District's analysis.

#### L. Fee Deferral Schedule

If the project's on-site air pollution reductions (mitigation measure) insufficiently reduced air pollution as outlined in Rule 9510, an off-site fee is assessed based on the excess air pollution. The money collected from this fee will be used by the District to reduce air pollution emissions 'off-site' on behalf of the project.

An Applicant may request a deferral of all or part of the 'off-site' fees up to, but not to exceed, the start date of construction. The start of construction is any of the following, whichever occurs first: start of grading, start of demolition, or any other site development activities not mentioned above.

- ☒ I request a Fee Deferral Schedule, and have enclosed the Fee Deferral Schedule Application.

The Fee Deferral Schedule Application can be found on the Project's website at [www.vallevar.org](http://www.vallevar.org)

### M. Change of Project Developer.

The Applicant assumes all responsibility for ISR compliance for this project. If the project developer changes, the Applicant must notify the Buyer, and both Buyer and Applicant must file a 'Change of Project Developer' form with the District. If there is a change of project developer, and a 'Change of Project Developer' form is not filed with the District, the Applicant will remain liable for ISR compliance.

The Change of Project Developer Form can be found on the District's website at [www.valleyair.org](http://www.valleyair.org).

### N. Attachments

#### Required:

- ☒ Tract Map or Project Design Map
- ☒ Vicinity Map
- ☒ Application Filing Fee  
\$734.00 for mixed use and non-residential projects **OR**  
\$490.00 for residential projects only

#### If applicable:

- ☒ Letter from Applicant granting Agent authorization
- ☐ Fee Deferral Schedule Application
- ☐ Monitoring & Reporting Schedule
- ☒ Supporting documentation for selected Mitigation Measures

### O. Certification Statement

I certify that I have reviewed and completed the entire application and hereby attest that the information relayed within is true and correct to the best of my knowledge. I commit to implementation of those on-site mitigation measures that I have selected above. I am responsible for notifying the District if I will be unable to implement these mitigation measures. If a committed mitigation measure is not implemented, the project may be re-assessed for air quality impacts.

(An authorized Agent may sign the form in lieu of the Applicant if an authorization letter **signed by the Applicant** is provided).

Name (printed): BRET GIANNISTA

Title: CIVIL ENGINEER

Signature: [Signature]

Date: 6/14/14



## Indirect Source Review Complete Project Summary Sheet & Monitoring and Reporting Schedule

7/25/16

10:20 am

Project Name:	TRACT 6056
Applicant Name:	WATHEN CASTANOS HOMES, INC
Project Location:	4374 N. BRYAN AVENUE W. GETTYSBURG AVE & N BRYAN AVENUE APN(s): 512-070-01, 17, 19, 48
Project Description:	LAND USE: Residential - 179 Dwelling Unit - Single Family Housing Residential - 60 Dwelling Unit - Single Family Housing Residential - 60 Dwelling Unit - Single Family Housing Residential - 60 Dwelling Unit - Single Family Housing Residential - 60 Dwelling Unit - Single Family Housing Residential - 59 Dwelling Unit - Single Family Housing Residential - 59 Dwelling Unit - Single Family Housing ACREAGE: 31.8
ISR Project ID Number:	C-20160151
Applicant ID Number:	C-302457
Permitting Public Agency:	CITY OF FRESNO
Public Agency Permit No.	TRACT 6056

### Existing Emission Reduction Measures

Enforcing Agency	Measure	Quantification	Notes
There are no Existing Measures for this project.			

### Non-District Enforced Emission Reduction Measures

Enforcing Agency	Measure	Specific Implementation	Source Of Requirements
CITY OF FRESNO	Improve Pedestrian Network	Within Project Site and Connecting Off-Site	CONDITIONS OF APPROVAL

Number of Non-District Enforced Measures: 1

### District Enforced Emission Reduction Measures

Enforcing Agency	Measure	Specific Implementation	Measure For Compliance	District Review

## Indirect Source Review Complete Project Summary Sheet & Monitoring and Reporting Schedule

7/25/16

10:20 am

(District Enforced Emission Reduction Measures Continued)

Enforcing Agency	Measure	Specific Implementation	Measure For Compliance	District Review
SJVAPCD	Construction - Detailed Fleet	For each project phase, maintain records of total hours of operation for all construction equipment, greater than 50 horsepower, operated on site. Within 30-days of completing construction of each project phase, submit to the District a summary report of total hours of operation, by equipment type, equipment model year and horsepower.	(Compliance Dept. Review)	Within 30-days of completing construction for each phase
SJVAPCD	Construction and Operation - Recordkeeping	For each project phase, all records shall be maintained on site during construction and for a period of ten years following either the end of construction or the issuance of the first certificate of occupancy, whichever is later. Records shall be made available for District inspection upon request.	(Compliance Dept. Review)	Ongoing
SJVAPCD	Construction and Operational Dates	For each project phase, maintain records of (1) the construction start and end dates and (2) the date of issuance of the first certificate of occupancy, if applicable.	(Compliance Dept. Review)	Ongoing
SJVAPCD	Hearth	only natural gas hearth	Provide certification statement at least 10 days before start of construction. (Compliance Dept. Review)	At least 10 days before start of construction
SJVAPCD	Increase Density	0.22 Jobs per acre 0.31 DU per acre	(Compliance Dept. Review)	When operational
SJVAPCD	Improve Walkability Design	144 Nodes/square mile	(Compliance Dept. Review)	When operational
SJVAPCD	Improve Destination Accessibility	7 miles (distance to downtown or job center)	(Compliance Dept. Review)	When operational

# Indirect Source Review Complete Project Summary Sheet & Monitoring and Reporting Schedule

7/25/16

10:20 am

(District Enforced Emission Reduction Measures Continued)

Enforcing Agency	Measure	Specific Implementation	Measure For Compliance	District Review
SJVAPCD	Landscape equipment	3 % Landscape Equipment electrically powered	Provide evidence of electrically powered equipment and location of electrical outlets. If use of electrical landscape equipment is required by developer, provide a copy of compliance document (e.g Deed Restriction or CC&Rs) at least 10 days before start of construction. If providing electrical landscape equipment, maintain records demonstrating distribution of equipment to residences. All records shall be retained until buildout and shall be made available for District inspection upon request. (Compliance Dept. Review)	At least 10 days before start of construction
SJVAPCD	Exceed Title 24	25 % greater than Title 24 requirements	(Compliance Dept. Review)	At least 10 days before start of construction

Number of District Enforced Measures: 9



**DATE:** August 1, 2016

**TO:** Will Tackett, Supervising Planner  
Development and Resource Management Department

**FROM:** Ann Lillie, Senior Engineering Technician  
Public Works Department, Traffic and Engineering Services Division

**SUBJECT:** PUBLIC WORKS CONDITIONS OF APPROVAL FOR VESTING TENTATIVE TRACT MAP NO. 6056 REGARDING MAINTENANCE REQUIREMENTS

**LOCATION:** 4356 North Bryan Avenue  
**APN:** 512-070-01, 17S, 19, 48

The Public Works Department, Traffic and Engineering Services Division, has completed its review and the following requirements are to be placed on this tentative map as a condition of approval. These requirements are based on City of Fresno code, policy, standards and the public improvements depicted on the exhibits submitted for this development.

**ATTENTION:**

The item below requires a separate process with additional costs and timelines. In order to avoid delays with the final map approval, the following item shall be submitted for processing to the Public Works Department, Traffic and Engineering Services Division **prior** to final map approval.

<b>X</b>	<b>CFD Annexation Request Package</b>	Ann Lillie	(559) 621-8690 <a href="mailto:ann.lillie@fresno.gov">ann.lillie@fresno.gov</a>
----------	---------------------------------------	------------	--

The Community Facilities District annexation process takes from three to four months and SHALL be completed prior to final map approval. INCOMPLETE Community Facilities District ("CFD") Annexation Request submittals may cause delays to the annexation process and final map approval.

All applicable construction plans for this development shall be submitted to the appropriate City Department for review and approval **prior** to the CFD process.

- Landscape and Irrigation Plans are required to be approved prior to the finalization of the CFD process and the approval of the final map.
- Proposed park amenities shall be reviewed and approved by the Building & Safety Services Division or as approved in writing by the City Engineer at time of submittal for the CFD process and prior to final map approval.**

Requirements not addressed due to omission or misrepresentation of information, on which this review process is dependent, will be imposed whenever such conditions are disclosed and shall require a revision of this letter.

Any change affecting the items in these conditions shall require a revision of this letter.

**1. The Property Owner's Maintenance Requirements**

The long term maintenance and operating costs, including repair and replacement, of certain required public improvements ("Services") associated with all new Single-Family developments are the ultimate responsibility

of the Developer. The Developer shall provide these Services either by a mechanism approved by the Public Works Department or by annexing to the City of Fresno's Community Facilities District No. 11 ("CFD No. 11").

The following public improvements (Existing and Proposed) are eligible for Services by CFD No. 11 as associated with this development:

- All landscaped areas, trees and irrigation systems, as approved by the Public Works Department, within the street rights-of-way and landscape easements; including without limitation, the median island **(1/2, if fronting only one side of median)**, parkways, buffers, street entry medians and sides **(10' minimum landscaped areas allowed)**.
- All landscaping, trees, irrigation systems, hardscaping and amenities within Outlots, open spaces and trails.
- Concrete curb and gutters, valley gutters, sidewalks, curb ramps, traffic calming structures, median island concrete maintenance band and cap **(1/2, if fronting only one side of median)**, and street lights in **all Major Streets**.
- Concrete curb and gutters, valley gutters, sidewalks, curb ramps, traffic calming structures, and street entry and interior median island curbing and hardscape, street paving, street name signage and street lights in **all Local Streets**.

**2. The Property Owner may choose to do one or both of the following:**

- a. The Property Owner may petition the City of Fresno to request annexation to CFD No. 11 by completing and submitting an Annexation Request Package to the Public Works Department, Traffic and Engineering Services Division for review and approval. The Annexation Request Form is available, along with current costs, on-line at the City's website at <http://www.fresno.gov>, under the Public Works Department, Developer Doorway.
  - **Proceedings to annex the final map to CFD No. 11 SHALL NOT commence unless the final map is within the City limits and all construction plans (this includes Street, Street Light, Signal, Landscape and Irrigation plans, and any other plans needed to complete the process) and the final map are considered technically correct.**
  - The annexation process will be put on **HOLD** and the developer notified if all of the requirements for processing are not in compliance. **Technically Correct shall mean that the facilities and quantities to be maintained by CFD No. 11 are not subject to change and after acceptance for processing.**
  - Public improvements not listed above will require written approval by the Public Works Department Director or his designee.
  - All areas not within the dedicated street rights-of-way approved for Services by CFD No. 11, including but not limited to outlots, trails and landscaped areas, shall be dedicated in fee to the City of Fresno, dedicated as a public easement for maintenance purposes or as approved by the Public Works Department City Engineer.
- b. The Property Owner may provide for Services privately for the above maintenance requirements. All City maintenance requirements not included for annexation to CFD No. 11 for Services **SHALL** be included in the DCC&Rs or some other City approved mechanism for the required Services associated with this development. Contact the Planner in the Development and Resource Management Department for more details.

For questions regarding these conditions please contact me at (559) 621-8690 or [ann.lillie@fresno.gov](mailto:ann.lillie@fresno.gov)

Exhibit "G"  
Environmental Assessment No. EA T-6056, Finding of  
Conformity to the Fresno General Plan Master  
Environmental Impact Report (MEIR) SCH No. 2012111015  
dated August 05, 2016

**CITY OF FRESNO – ENVIRONMENTAL ASSESSMENT  
FINDING OF CONFORMITY / MEIR SCH No. 2012111015**

Pursuant to Section 21157.1 of the California Public Resource Code (California Environmental Quality Act) the project described below is determined to be within the scope of the Master Environmental Impact Report (MEIR) SCH No. 2012111015 prepared for the Fresno General Plan adopted by the Fresno City Council on December 18, 2014.

**DATE RECEIVED FOR  
FILING:**

Filed with the Fresno  
County Clerk's office on  
August 05, 2016

**Applicant:**

Wathen Castanos Peterson Homes,  
Inc.  
802 West Pinedale Avenue, Suite 104  
Fresno, CA 93711

**Initial Study Prepared By:**

Will Tackett, Supervising Planner  
August 05, 2016

**Environmental Assessment Number:  
T-6056**

Vesting Tentative Tract Map No.  
6056/UGM

**Project Location (including APN):**

4356 North Bryan Avenue

± 30.25 acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment, in the City and County of Fresno, California

Site Latitude: 36°47'57.00" N

Site Longitude: 119°54'19.00" W

Mount Diablo Base & Meridian, Township 13S, Range 19E  
Section 16 – Herndon, CA Quadrangle

Assessor's Parcel Number(s): 512-070-01, 17, 19 & 48

**Project Description:**

Wathen Castanos Peterson Homes, Inc. has filed Vesting Tentative Tract Map No. 6056/UGM pertaining to approximately 30.25 net acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment. Vesting Tentative Tract Map No. 6056/UGM has been filed in order to subdivide the subject property for purposes of facilitating a 179-lot conventional single family residential development on the subject property.

The proposed project will require dedications for public street rights-of-way as well as the installation and construction of both public and private facilities and infrastructure in accordance with the standards, specifications and policies of the City of Fresno.

The existing RS-5/UGM (*Residential Single Family/Urban Growth Management*) zoning for the subject property, is consistent with the Medium Density Residential planned land use designation for the subject property as designated by the Fresno General Plan and West Area Community Plan.

**Conformance to Master Environmental Impact Report (MEIR) SCH No. 2012111015 prepared for the Fresno General Plan adopted by the Fresno City Council on December 18, 2014:**

The existing RS-5 zoning and proposed development of the subject property at a density of approximately 5.92 dwelling units/acre is consistent with the Medium Density Residential (5.0-12 dwelling units/acre) planned land use for the subject property as designated by the Fresno General Plan.

The Development and Resource Management Department staff has prepared an Initial Study (See Attached "Appendix G To Analyze Subsequent Project Identified In MEIR No. SCH No. 2012111015/Initial Study") to evaluate the proposed applications in accordance with the land use and environmental policies and provisions of lead agency City of Fresno's General Plan adopted by the Fresno City Council on December 18, 2014 and the related MEIR SCH No. 2012111015. The proposed project will not facilitate an additional intensification of uses beyond that which would be allowed by the above-noted zoning and planned land use designation. Moreover, it is not expected that the future development will adversely impact existing city service systems or the traffic circulation system that serves the subject property. These infrastructure findings have been verified by the Public Works and Public Utilities Departments. It has been further determined that all applicable mitigation measures of the MEIR have been applied to the project necessary to assure that the project will not cause significant adverse cumulative impacts, growth inducing impacts, and irreversible significant effects beyond those identified by the MEIR as provided by CEQA Guidelines Section 15177(b)(3).

Pursuant to Section 21157.1 of the California Public Resources Code (California Environmental Quality Act), it may be determined that a subsequent project falls within the scope of the MEIR, provided that the project does not cause additional significant impacts on the environment that were not previously examined by the MEIR. Relative to this specific project proposal, the environmental impacts noted in the MEIR, pursuant to the Fresno General Plan land use designation, include impacts associated with the above mentioned planned land use designation specified for the subject sites. Based on this Initial Study, the following findings are made: (1) The proposed project was identified as a Subsequent Project in the MEIR because its location, land use designation and permissible densities and intensities are set forth in Figure LU-1 of the Fresno General Plan; (2) The proposed project is fully within the scope of the MEIR because it will not generate additional significant effects on the environment not previously examined and analyzed by the MEIR for the reasons set forth in the Initial Study; and (3) other than identified below, there are no new or additional mitigation measures or alternatives required.

In addition, 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. Moreover, as lead agency for this project, the Development and Resource Management Department, per Section 15177(d) of the CEQA Guidelines, has determined that all feasible mitigation measures from the MEIR shall be applied to the project as conditions of approval as set forth in the attached MEIR Mitigation Measure Monitoring Checklist (See "Master Environmental Impact Report (MEIR) SCH No. 2012111015 for the General Plan, Mitigation Monitoring Checklist".)



Public notice has been provided regarding staff's finding in the manner prescribed by Section 15177(d) of the CEQA Guidelines and by Section 21092 of the California Public Resources Code (CEQA provisions).

Will Tackett, Supervising Planner  
City of Fresno

Date

Attachments:

- Exhibit A: Vicinity Map
- Exhibit B: Notice of Intent to Adopt a Finding of Conformity
- Exhibit C: Appendix G To Analyze Subsequent Project Identified In MEIR No. SCH No. 2012111015/Initial Study for Environmental Assessment No. T-6056
- Exhibit D: MEIR Mitigation Measure Monitoring Checklist for EA No. T-6056



### LEGEND

## Exhibit "A"

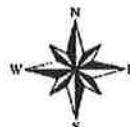
### Subject Property

### U.G.M. Area

## VICINITY MAP

**VESTING TENTATIVE TRACT MAP NO. 6056/UGM**

**Southeast corner of North Bryan Avenue and the West Gettysburg Avenue Alignment**



NOT TO SCALE

## PLANNING & DEVELOPMENT DEPARTMENT

A.P.N.: 512-070-01, 17, 19 & 48

ZONE MAP: \_\_\_\_\_

BY/DATE: 08/05/16

**CITY OF FRESNO**

**NOTICE OF INTENT TO ADOPT A  
FINDING OF CONFORMITY**

**EA No. T-6056**

Vesting Tentative Tract Map No. 6056/UGM

**APPLICANT:**

Wathen Castanos Peterson Homes, Inc.  
802 West Pinedale Avenue, Suite 104  
Fresno, CA 93711

**PROJECT LOCATION:**

4356 North Bryan Avenue

± 30.25 acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment, in the City and County of Fresno, California

Site Latitude: 36°47'57.00" N

Site Longitude: 119°54'19.00" W

Mount Diablo Base & Meridian, Township 13S, Range 19E  
Section 16 – Herndon, CA Quadrangle

Assessor's Parcel Number(s): 512-070-01, 17, 19 & 48

Filed with: **E201610000241**

**FILED**  
AUG 05 2016 TIME 11:14am  
FRESNO COUNTY CLERK  
BY *Victoria J. Villacana*  
DEPUTY

FRESNO COUNTY CLERK  
2221 Kern Street, Fresno, CA  
93721

**PROJECT DESCRIPTION:**

Wathen Castanos Peterson Homes, Inc. has filed Vesting Tentative Tract Map No. 6056/UGM pertaining to approximately 30.25 net acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment. Vesting Tentative Tract Map No. 6056/UGM has been filed in order to subdivide the subject property for purposes of facilitating a 179-lot conventional single family residential development on the subject property.

The proposed project will require dedications for public street rights-of-way as well as the installation and construction of both public and private facilities and infrastructure in accordance with the standards, specifications and policies of the City of Fresno.

The existing RS-5/UGM (*Residential Single Family/Urban Growth Management*) zoning for the subject property, is consistent with the Medium Density Residential planned land use designation for the subject property as designated by the Fresno General Plan and West Area Community Plan.

**E201610000241**

**E201610000241**

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 fully within the scope of the Master Environmental Impact Report (MEIR) SCH No. 2012111015 prepared for the Fresno General Plan adopted by the Fresno City Council on December 18, 2014. Therefore, the Development and Resource Management Department proposes to adopt a Finding of Conformity for this project.

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

Additional information on the proposed project, including the proposed environmental Finding of Conformity, initial study and all documents and technical studies referenced in the initial study, as well as electronic copies of documents, may be obtained from the Development and Resource Management Department, Fresno City Hall, 2600 Fresno Street, Third Floor-North, Room 3043, Fresno, California 93721-3604. Please contact Will Tackett at (559) 621-8063 for more information.

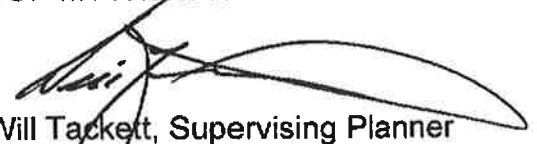
ANY INTERESTED PERSON may comment on the proposed environmental finding. Comments must be in writing and must state (1) the commentor's name and address; (2) the commentor's interest in, or relationship to, the project; (3) the environmental determination being commented upon; and (4) the specific reason(s) why the proposed environmental determination should or should not be made. Comments may be submitted at any time between the publication date of this notice and close of business on September 06, 2016. Please direct comments to Will Tackett, City of Fresno Development and Resource Management Department, City Hall, 2600 Fresno Street, Room 3043, Fresno, California, 93721-3604; or by email to [Will.Tackett@fresno.gov](mailto:Will.Tackett@fresno.gov); or comments can be sent by facsimile to (559) 498-1026. Para información en español, comuníquese con McKencie Contreras al teléfono (559) 621-8066.

INITIAL STUDY PREPARED BY:

Will Tackett, Supervising Planner

DATE: August 05, 2016

SUBMITTED BY:

  
Will Tackett, Supervising Planner  
CITY OF FRESNO DEVELOPMENT  
AND RESOURCE MANAGEMENT  
DEPARTMENT

**E201610000241**

**MODIFIED APPENDIX G / INITIAL STUDY TO ANALYZE  
SUBSEQUENT PROJECT IDENTIFIED IN CERTIFIED MASTER ENVIRONMENTAL  
IMPACT REPORT (MEIR) SCH NO. 2012111015**

**Environmental Checklist Form  
For EA No. T-6056**

1. **Project title:**  
Vesting Tentative Tract Map No. 6056/UGM
  
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:**  
Will Tackett, Supervising Planner  
City of Fresno  
Development & Resource Management Department  
(559) 621-8063
  
4. **Project location:**  
4356 North Bryan Avenue  
  
± 30.25 acres of property located on the southeast corner of the intersection of  
North Bryan Avenue and the West Gettysburg Avenue alignment, in the City and  
County of Fresno, California  
  
Site Latitude: 36°47'57.00" N  
Site Longitude: 119°54'19.00" W  
  
Mount Diablo Base & Meridian, Township 13S, Range 19E  
Section 16 – Herndon, CA Quadrangle  
  
Assessor's Parcel Number(s): 512-070-01, 17, 19 & 48
  
5. **Project sponsor's name and address:**  
Wathen Castanos Peterson Homes, Inc.  
802 West Pinedale Avenue, Suite 104  
Fresno, CA 93711

6. **General plan designation:**

**Existing:** (±30.25 ac.) - Medium Density Residential

**Proposed:** (±30.25 ac.) - Medium Density Residential

7. **Zoning:**

**Existing:** (±30.25 ac.) – RS-5/UGM (*Residential Single-Family, Medium Density / Urban Growth Management*)

**Proposed:** (±30.25 ac.) – RS-5/UGM (*Residential Single-Family, Medium Density / Urban Growth Management*)

8. **Description of project:**

Wathen Castanos Peterson Homes, Inc., has filed Vesting Tentative Tract Map No. 6056/UGM pertaining to approximately 30.25 net acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment.

Vesting Tentative Tract Map No. 6056/UGM has been filed in order to subdivide the subject property for purposes of facilitating a 179-lot conventional single family residential development on the subject property.

The proposed project will require dedications for public street rights-of-way as well as the installation and construction of both public and private facilities and infrastructure in accordance with the standards, specifications and policies of the City of Fresno.

The existing RS-5/UGM (Residential Single Family/Urban Growth Management) zoning for the subject property, is consistent with the Medium Density Residential planned land use designation for the subject property as designated by the Fresno General Plan and West Area Community Plan.

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

	<b>Planned Land Use</b>	<b>Existing Zoning</b>	<b>Existing Land Use</b>
<b>North</b>	Medium Density Residential	<b>RR</b> ( <i>Rural Residential [Fresno County]</i> )	Vacant / Ponding Basin / Rural Residential
<b>East</b>	Medium Density Residential	<b>RS-5</b> ( <i>Residential Single-Family, Medium Density/Urban Growth Management</i> )	Vacant / Rural Residential / Single Family Residential
<b>South</b>	Medium Density Residential	<b>RS-5</b> ( <i>Residential Single-Family, Medium Density/Urban Growth Management</i> )	Vacant / Rural Residential
<b>West</b>	Public Facility Elementary, Middle & High School	<b>PI</b> ( <i>Public and Institutional/Urban Growth Management</i> )	Elementary and Middle School

10. **Other public agencies whose approval is required:**

Development and Resource Management Department, Building & Safety Services Division; Department of Public Works; Department of Public Utilities; County of Fresno, Department of Public Works and Planning, County of Fresno, Department of Community Health; City of Fresno Fire Department; Fresno Metropolitan Flood Control District; San Joaquin Valley Air Pollution Control District; Fresno County Department of Public Works and Planning.

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

Pursuant to Public Resources Code Section 21157.1(b) and CEQA Guidelines 15177(b)(2), the purpose of this initial study is to analyze whether the subsequent project was described in the Master Environmental Impact Report State Clearing House (SCH) No. 111015 as prepared and adopted for the Fresno General Plan and whether the subsequent project may cause any additional significant effect on the environment, which was not previously examined in Master Environmental Impact Report SCH No. 111015 ("MEIR").

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

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

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

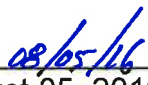
- ☒ I find that the proposed project is a subsequent project identified in the MEIR and that it is fully within the scope of the MEIR because it would have no additional significant effects that were not examined in the MEIR such that no new additional mitigation measures or alternatives may be required. All applicable mitigation measures contained in the Mitigation Monitoring Checklist shall be imposed upon the proposed project. A FINDING OF CONFORMITY will be prepared.
- ☐ I find that the proposed project is a subsequent project identified in the MEIR but that it is not fully within the scope of the MEIR because the proposed project could have a significant effect on the environment that was not examined in the MEIR. However, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. The project specific mitigation measures and all applicable mitigation measures contained in the MEIR Mitigation Monitoring Checklist will be imposed upon the proposed project. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project is a subsequent project identified in the MEIR but that it MAY have a significant effect on the environment that was not examined in the MEIR, and an ENVIRONMENTAL IMPACT REPORT is required to analyze the potentially significant effects not examined in the MEIR pursuant to Public Resources Code Section 21157.1(d) and CEQA Guidelines 15178(a).





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Will Tackett, Supervising Planner



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August 05, 2016

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 because it would have no additional significant effects that were not examined in the MEIR.
6. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
7. Earlier analyses may be used where, pursuant to the tiering, program EIR or 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

<b>ENVIRONMENTAL ISSUES</b>	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	

The site is located within an area which is planned for urban residential uses and which has been substantially developed to the east with single family residences; extending to Freeway 99. Properties located directly to the north of the subject property remain primarily vacant. However, a ponding basin has been developed and several rural residential properties exist west of North Hayes Avenue and north of the West Gettysburg Avenue alignment. Vacant property directly to the north has also been approved for development with 244 single family residences on approximately 44.77 acres through Tentative Tract Map No. 5493 in 2005. Properties to the south of the subject property also remain primarily vacant with the exception of a few rural residences north of West Ashlan Avenue and several rural residences south of West Ashlan Avenue. Property directly to the west of the subject property has been developed with a Central Unified School District elementary and middle school as well as Koligian Stadium.

No identified or designated public or scenic vistas will be obstructed by the proposed project and no scenic resources will be damaged or removed. Due to the relatively flat topography of the subject and adjacent properties, as well as the existence of a major freeway to the north and east of the subject property; and, the poor air quality that reduce existing views within the project area as a whole, a less than significant impact will result to views of highly valued features such as the Sierra Nevada foothills from future development on and in the vicinity of the subject property.

The project will not damage nor will it degrade the visual character or quality of the subject site and its surroundings, given that the project site is in an area planned for and developed with residences at comparable densities as well as with a Central Unified School District campus and associated facilities.

Future development of the site will create a new source of substantial light or glare within the area. However, given that the majority of the project site is already surrounded by existing urban and rural residential uses; including a school campus and outdoor stadium, which already affect day and night time views in the project area, no significant impact will occur. Furthermore, through the entitlement process, staff will ensure that lights are located in areas that will minimize light sources to the neighboring properties in accordance with project specific mitigation measures of the MEIR. As a result, the project will have no impact on aesthetics.

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

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:				

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?			X	
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?				X

Based upon the 2012 Rural Mapping Edition: Fresno County Important Farmland Map of the California Department of Conservation, the subject property is designated as "Farmland of Statewide Importance"; defined as land similar to Prime Farmland but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

The subject property remains vacant, fallow, land which has not been under cultivation in at least the past ten years.

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

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

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

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

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

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

The subject property was previously approved for subdivision and development in 2008 as part of Tentative Tract Map No. 5891/UGM, a 738-lot subdivision of approximately 122.93 acres of land comprising the majority of the quarter corner section located between North Bryan and North Hayes Avenues and West Ashlan Avenue and the West Gettysburg Avenue alignment. The previously proposed project also involved the cancellation of Agricultural Land Conservation Contracts (ALCC), or “Williamson Act” contracts, for lands located within the boundary of the subject property. On May 20,

2008 the Fresno City Council approved the tentative cancellation of those portions of ALCC Contract Nos. AP-1250 & AP-1251, which were located within the City of Fresno, subject to payment of the "Cancellation Valuation Fee." Subsequently, on August 12, 2008 the Fresno County Board of Supervisors approved the tentative cancellation of those portions of ALCC Contract Nos. AP-1229 and AP-1250, which were located within the County of Fresno, and adjacent to the subject property subject to payment of the cancellation fee. Those adjacent lands have since been annexed to the City of Fresno and are also zoned for single family residential use.

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

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

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

The site is located within an area which is planned for urban residential uses and which has been substantially developed to the east with single family residences; extending to Freeway 99. Properties located directly to the north of the subject property remain primarily vacant. However, a ponding basin has been developed and several rural residential properties exist west of North Hayes Avenue and north of the West Gettysburg Avenue alignment. Vacant property directly to the north has also been approved for development with 244 single family residences on approximately 44.77 acres through Tentative Tract Map No. 5493 in 2005. Properties to the south of the subject property also remain primarily vacant with the exception of a few rural residences north of West Ashlan Avenue and several rural residences south of West Ashlan Avenue. Property directly to the west of the subject property has been developed with a Central Unified School District elementary and middle school as well as Koligian Stadium.

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

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

As referenced herein above, the subject property is not subject to a Williamson Act contract. Therefore, the proposed project on the subject site will not affect existing agriculturally zoned or Williamson Act contract parcels.

The proposed project will not conflict with any forest land or Timberland Production or result in any loss of forest land.

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

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



<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
<p>III. AIR QUALITY AND GLOBAL CLIMATE CHANGE - (Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.) -</p> <p>-</p> <p>Would the project:</p>				
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

### Setting

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

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

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

During the summer, wind speed and direction data indicate that summer wind usually originates at the north end of the Valley and flows in a south-southeasterly direction through the Valley, through Tehachapi pass, into the Southeast Desert Air Basin. In addition, the Altamont Pass also serves as a funnel for pollutant transport from the San Francisco Bay Area Air Basin into the region.

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

days with persistent fog and low cloudiness. The average daily low temperature is 45°F.

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

### Regulations

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

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

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

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

The analysis was conducted using the CalEEMod Model, Version 2013.2.2. For purposes of this analysis the project has been evaluated with consideration to the subdivision of the subject property for purposes of creating a 179-lot single family

residential development on approximately 30.25 acres of land at a density of approximately 5.92 dwelling units/acre; consistent with the applicable Medium Density Residential (5.0-12 dwelling units/acre) planned land use designation of the Fresno General Plan. The proposed project is projected to generate 1,704 Average Daily Trips (ADT).

#### Construction Emissions – Short Term

It was assumed that the project would be constructed in one phase, over a two-year period. Construction equipment estimates were based on CalEEMod default assumptions. In accordance with District guidance, the architectural coatings were assumed to be mitigated in accordance with CalEEMod default assumptions. Total emissions from project construction are below the District's threshold levels. The project will meet all of the SJVAPCD's construction fleet and control requirements.

##### Project Construction Emissions

<i>[all data given in tons/year]</i>	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
<b>2016 Construction</b>	<b>0.55</b>	<b>4.91</b>	<b>3.67</b>	<b>0.005</b>	<b>0.57</b>	<b>0.39</b>	<b>463.00</b>
<b>2017 Construction</b>	<b>2.76</b>	<b>1.61</b>	<b>1.30</b>	<b>0.002</b>	<b>0.13</b>	<b>0.10</b>	<b>178.47</b>
<b>Project Total</b>	<b>3.31</b>	<b>6.52</b>	<b>4.97</b>	<b>0.007</b>	<b>0.70</b>	<b>0.50</b>	<b>641.48</b>
<b>District Thresholds</b>	10	10	N/A	N/A	15	15	N/A

The analysis determined that the proposed project will not exceed the threshold of significance limits for regulated air pollutants. 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 Emissions – Long Term

Operational emissions include emissions associated with area sources (energy use, landscaping, etc.) and vehicle emissions. Emissions from each phase of the project were estimated using the CalEEMod model. The average trips were based on default assumptions in the CalEEMod model, verified by the Traffic Impact Study that was conducted for the project.

##### Project Annual Operational Emissions

Project specific emissions of criteria pollutants will not exceed District significance thresholds of 10 tons/year NOX, 10 tons/year ROG, and 15 tons/year PM10. Project specific criteria pollutant emissions would have no significant adverse impact on air quality.

These project emissions as a percentage of the area source, energy use, and vehicle emissions within Fresno County are very small and the project's overall contribution to the overall emissions is negligible. There is no air quality or global climate change impacts perceived to occur as a result of the proposed project. Both short and long term impacts associated with construction and operation are below the District's significance thresholds.

The SJVAPCD has developed the San Joaquin Valley 1991 California Clean Air Act Air Quality Attainment Plan (AQAP), which continues to project nonattainment for the above-noted pollutants in the future. This project will be subject to applicable SJVAPCD rules, regulations, and strategies. In addition, the project may be subject to the SJVAPCD Regulation VIII, Fugitive Dust Rules, related to the control of dust and fine particulate matter. This rule mandates the implementation of dust control measures to reduce the potential for dust to the lowest possible level. The plan includes a number of strategies to improve air quality including a transportation control strategy and a vehicle inspection program.

At full build-out the proposed project would result in development exceeding 50 residential dwelling units. Therefore, the proposed project would be subject to District Rule 9510 (Indirect Source Review). District Rule 9510 was adopted to provide emission reductions needed by the SJVAPCD to demonstrate attainment of the federal PM10 standard and contributed reductions that assist in attaining federal ozone standards. Rule 9510 also contributes toward attainment of state standards for these pollutants. The District's Regulation VIII – Fugitive PM10 prohibitions requires controls for sources of particulate matter necessary for attaining the federal PM10 standards and achieving progress toward attaining the state PM10 Standards. Rule 2201 – New and Modified Stationary Source Review requires new and modified stationary/industrial sources provide emission controls and offsets that ensure stationary sources decline over time and do not impact the applicable air quality plans.

<i>[all data given in tons/year]</i>	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
<b>Area</b>	1.70	0.06	4.19	0.010	0.60	0.51	134.23
<b>Mobile</b>	1.20	4.04	13.53	0.001	1.66	0.05	2,091.26
<b>Project Totals</b>	2.90	4.11	17.72	0.011	2.17	0.56	2,225.49
<b>District Thresholds</b>	10	10	N/A	N/A	15	15	N/A

Compliance with these rules and regulations is intended to mitigate a project's impact on air quality through project design elements or by payment of applicable off-site mitigation fees.

The growth projections used for the Fresno General Plan assume that growth in

population, vehicle use and other source categories will occur at historically robust rates that are consistent with the rates used to develop the SJVAPCD's attainment plans. In other words, the amount of growth predicted for the General Plan is accommodated by the SJVAPCD's attainment plan and would allow the air basin to attain the 8-hour ozone standard by the 2023 attainment date. Furthermore, as shown in the operational emissions analysis in Impact AIR-3, reductions anticipated from existing regulations and adopted control measures will result in emissions continuing to decline even though development and population will increase because the emission rates for the most important sources of pollutants substantially decrease from 2010 levels due to SJVAPCD and state regulations. Future development on the subject property is required to comply with these rules and regulations providing additional support for the conclusion that it will not interfere or obstruct with the application of the attainment plans.

The proposed project on the subject site will not expose sensitive receptors to substantial pollutant concentrations. The proposed project is not proposing a use which will create objectionable odors.

Based upon the information and analyses referenced herein above, the project will not occur at a scale or scope with potential to contribute substantially or cumulatively to existing or projected air quality violations, impacts, or increases of criteria pollutants for which the San Joaquin Valley region is under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors). The proposed project will comply with all applicable air quality plans. Therefore, no violations of air quality standards will occur and no net increase of pollutants will occur.

In conclusion, with the MEIR Mitigation Measures incorporated, the project will not result in any air quality impacts beyond those analyzed in MEIR SCH No. 2012111015.

#### Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the air quality related mitigation measures as identified in the attached Master Environmental Impact Report SCH No. 111015 Fresno General Plan Mitigation Monitoring Checklist dated August 05, 2016.

<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:				

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) 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 US Fish and Wildlife Service?				X
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

The proposed project would not directly affect any sensitive, special status, or candidate species, nor would it modify any habitat that supports them. There is no riparian habitat or any other sensitive natural community identified in the vicinity of the proposed project by the California Department of Fish and Game or the US Fish and Wildlife Service. No federally protected wetlands are located on the subject site.

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

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

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

In conclusion, the project is fully within the scope of the Fresno General Plan and will not result in any biological resource impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES -- Would the project:				



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

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

Therefore, due to the ground disturbing activities that will occur as a result of the project, the measures within the Master Environmental Impact Report SCH No. 2012111015 for the Fresno General Plan, Mitigation Monitoring Checklist to address archaeological resources, paleontological resources, and human remains will be employed to guarantee that should archaeological and/or animal fossil material be encountered during project excavations, then work shall stop immediately; and, that qualified professionals in the respective field are contacted and consulted in order to ensure that the activities of the proposed project will not involve physical demolition, destruction, relocation, or alteration of historic, archaeological, or paleontological resources.

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

Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the cultural resource related mitigation measures as identified in the attached Master Environmental Impact Report SCH No. 111015 Fresno General Plan Mitigation Monitoring Checklist dated August 05, 2016.

<b>ENVIRONMENTAL ISSUES</b>	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

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

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

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

Fresno is classified by the State as being in a moderate seismic risk zone, Category "C" or "D," depending on the soils underlying the specific location being categorized and that location's proximity to the nearest known fault lines. All new structures are required to conform to current seismic protection standards in the California Building Code.

Seismic upgrade/retrofit requirements are imposed on older structures by the City's Development and Resource Management Department as may be applicable to building modification and rehabilitation projects.

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

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

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GREENHOUSE GAS EMISSIONS -- Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X

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

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

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

<b>ENVIRONMENTAL ISSUES</b>	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

<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>
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X

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

There are no known existing hazardous material conditions on the site and the project is not located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The project is not located near any wildland fire hazard zones, and poses no interference with the City's or County's Hazard Mitigation Plans or emergency response plans.

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

The project site is not located within the vicinity of the Fresno Yosemite Airport or any other airport or private air strip. No risks or hazards would result from constructing the project in the proposed location.

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

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
<b>IX. HYDROLOGY AND WATER QUALITY -- Would the project:</b>				
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	

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
e) Create 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 an historic trend of high consumptive use of water on a per capita basis (some 250 gallons per day per capita), have resulted in a general decline in aquifer levels, increased cost to provide potable water, and localized water supply limitations.

This Finding of Conformity prepared for the proposed project is tiered from Master Environmental Impact Report SCH No. 2012111015) prepared for the Fresno General



Plan (collectively, the “MEIR”), which contains measures to mitigate projects’ individual and cumulative impacts to groundwater resources and to reverse the groundwater basin’s overdraft conditions.

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

The adverse groundwater conditions of limited supply and compromised quality have been well- documented by planning, environmental impact report and technical studies over the past 20 years including the Master Environmental Impact Report No. 111015 for the Fresno General Plan, the MEIR 10130 for the 2025 Fresno General Plan, Final EIR No.10100, Final EIR No.10117 and Final EIR No. SCH 95022029 (Fresno Metropolitan Water Resource Management Plan), et al. These conditions include water quality degradation due to DBCP, arsenic, iron, and manganese concentrations; low water well yields; limited aquifer storage capacity and recharge capacity; and, intensive urban or semi-urban development occurring upgradient from the Fresno Metropolitan Area.

In response to the need for a comprehensive long-range water supply and distribution strategy, the General Plan recognizes the Kings Basin’s Integrated Regional Water Management Plan, Fresno-Area Regional Groundwater Management Plan, and City of Fresno Metropolitan Water Resource Management Plan and cites the findings of the City of Fresno 2010 Urban Water Management Plan. The purpose of these management plans is to provide safe, adequate, and dependable water supplies to meet the future needs of the Kings Basin regions and the Fresno-Clovis metropolitan area in an economical manner; protect groundwater quality from further degradation and overdraft; and, provide a plan of reasonably implementable measures and facilities.

The 2010 Urban Water Management Plan, Figure 4-3 (incorporated by reference) illustrates the City of Fresno’s goals to achieve a ‘water balance’ between supply and demand while decreasing reliance upon and use of groundwater. To achieve these goals the City is implementing a host of strategies, including:

- Intentional groundwater recharge through reclamation at the City’s groundwater recharge facility at Leaky Acres (located northwest of Fresno-Yosemite international Airport), refurbish existing streams and canals to increase percolation, and recharge at Fresno Metropolitan Flood Control District’s (FMFCD) storm water basins;

- Increase use of existing surface water entitlements from the Kings River, United States Bureau of Reclamation and Fresno Irrigation District for treatment at the Northeast Storm Water Treatment Facility (NESWTF) and construct a new Southeast Storm Water Treatment Facility (SESWTF); and
- Recycle wastewater at the Fresno-Clovis Regional Wastewater Reclamation Facility (RWRF) for treatment and re-use for irrigation, and to percolation ponds for groundwater recharge. Further actions include the General Plan, Policy RC-6-d to prepare, adopt and implement a City of Fresno Recycled Water Master Plan.

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

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

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

In the near future, groundwater will continue to be an important part of the City's supply but will not be relied upon as heavily as has historically been the case. The 2010 UWMP projects that groundwater pumped by the City will decrease from approximately 128,578 AF/year in 2010 to approximately 85,000 AF/year at buildout of the General

Plan Update. This would represent a decrease in the groundwater percentage of total water supply from 87 percent to 36 percent. This reduction in groundwater pumping will recharge the aquifer by approximately 15,000 acre-feet per year because the safe yield is approximately 1000,000 acre-feet per year. In order to meet this projection, the City is planning to rely on expanding their delivery and treatment of surface water supplies and groundwater recharge activities.

The City has been adding to and upgrading its water supplies through capital improvements, including adding pipelines to distribute treated surface water. Additionally, in 2009, the treatment capacity of the Fresno/Clovis Regional Wastewater Reclamation Facility was improved. The City has recently been providing tertiary treatment at some of its wastewater treatment plants to supply tertiary treated recycled water for landscape irrigation to new growth areas and the North Fresno Wastewater Reclamation Facilities Satellite Plant was recently built to serve the Copper River development and golf course in the northern part of Fresno.

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

The City also has implemented an extensive water conservation program which is detailed in Fresno's current UWMP and additional conservation is anticipated as more of the City's residential customers become metered. The City has implemented a residential water meter program; installing and metering water service for all single-family residential customers in the City by 2013. At a point of approximately 80% completion, the installation already demonstrated an approximately 15% decrease in water usage. The City also intends to commence providing tiered rates to incentivize further reduction in water usage.

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

In accordance with the provisions of the Fresno General Plan and Master EIR No. 111015 mitigation measures, project specific water supply and distribution requirements must assure that an adequate source of water is available to serve the project.

The City of Fresno Department of Public Utilities, Water Division has reviewed the proposed project and has determined that water service will be available to the proposed project subject to water mains being installed within the future West Gettysburg Avenue rights-of-way and mains being extended within the proposed subdivision to provide service to each lot created.

According to the Fresno Metropolitan Flood Control District (FMFCD), the subject site is not located within a flood prone or hazard area. The Fresno Metropolitan Flood Control District (FMFCD) has indicated that permanent drainage service is available to the westerly portion of the proposed subdivision subject to construction of private facilities, which will convey runoff to existing Master Plan facilities in North Bryan Avenue; these private facilities will be abandoned once permanent Master Plan Facilities are constructed with future development of the area. Permanent drainage service is not available to the easterly portion of the proposed subdivision and recommends temporary drainage facilities until such time as permanent service is available.

Furthermore, the developer will be responsible for excavation in order to provide additional storage in Basin "EO" to accommodate additional volume of runoff created by development of the proposed subdivision.

The developer will be required to provide improvements which will convey surface drainage to Master Plan inlets and which will provide storage and paths for major storm conveyance. When development permits are issued, the subject site will be required to pay drainage fees pursuant to the Drainage Fee Ordinance.

The mitigation measures of the MEIR are incorporated herein by reference and are required to be implemented by the attached mitigation monitoring checklist. In summary, these mitigation measures equate to City of Fresno policies and initiatives aimed toward ensuring that the City has a reliable, long-range source of water through the implementation of measures to promote water conservation through standards, incentives and capital investments.

Private development participates in the City's ability to meet water supply goals and initiatives through payment of fees established by the city for construction of recharge facilities, the construction of recharge facilities directly by the project, or participation in augmentation/enhancement/enlargement of the recharge capability of Fresno Metropolitan Flood Control District storm water ponding basins. While the proposed project may be served by conventional groundwater pumping and distribution systems, full development of the Fresno General Plan boundaries may necessitate utilization of treated surface water due to inadequate groundwater aquifer recharge capabilities.

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

As a condition of approval, any pre-existing on-site domestic or agricultural water wells that may be on the site shall be properly abandoned, in order to prevent the spread of contaminants from the ground surface or from shallow groundwater layers into deeper and cleaner levels of the aquifer.

As a condition of approval, any pre-existing septic systems shall be properly

abandoned.

Occupancy of this site will generate wastewater containing human waste, which is required to be conveyed and treated by the Fresno-Clovis Regional Wastewater Treatment and Reclamation Facility. There will not be any onsite wastewater treatment system. The proposed project will be required to install sewer mains and branches, and to pay connection and sewer facility fees to provide for reimbursement of preceding investments in sewer trunks to connect this site to a publicly owned treatment works.

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

There are no aspects of this project that will result in impacts to water supply or quality beyond those analyzed in the Master Environmental Impact Report SCH No. 2012111015 for the Fresno General Plan. The project will not substantially alter existing drainage patterns of the site or area or substantially increase the rate or amount of runoff in a manner which would result in flooding, exceed planned storm water drainage systems, or provide substantial sources of polluted runoff. The site is not located within a flood prone or hazard area. The subject property is proposed to be developed at intensity and scale permitted by the Medium Density Residential (5.0-12 du/acre) planned land use and consistent RS-5 zoning designation for the site. Thus, the proposed development project will not facilitate an additional intensification of uses beyond that which would be allowed by the above-noted planned land use designation; resulting in additional impacts on water supply from increased demand.

In conclusion, the project fully within the scope of the Fresno General Plan and will not result in any hydrology and water quality impacts beyond those analyzed in MEIR SCH No. 2012111015.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
<b>X. LAND USE AND PLANNING -</b> Would the project:				
a) Physically divide an established community?				<b>X</b>

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

Wathen Castanos Peterson Homes, Inc. has filed Vesting Tentative Tract Map No. 6056/UGM pertaining to approximately 30.25 acres of property located on the southeast corner of the intersection of North Bryan Avenue and the West Gettysburg Avenue alignment.

Vesting Tentative Tract Map No. 6056/UGM has been filed in order to subdivide the subject property for purposes of facilitating a 179-lot conventional single family residential development on the subject property.

The proposed project will require dedications for public street rights-of-way as well as the installation and construction of both public and private facilities and infrastructure in accordance with the standards, specifications and policies of the City of Fresno.

The existing RS-5/UGM (*Residential Single Family/Urban Growth Management*) zoning for the subject property and the proposed residential density of approximately 5.92 dwelling units per acre, is consistent with the Medium Density Residential (5.0-12 dwelling unit/acre) planned land use designation for the subject property.

The subject property remains vacant and was annexed to the City of Fresno in 2006 as part of Annexation No. 1298.

The subject property was previously approved for subdivision and development in 2008 as part of Tentative Tract Map No. 5891/UGM, a 738-lot subdivision of approximately 122.93 acres of land comprising the majority of the quarter corner section located between North Bryan and North Hayes Avenues and West Ashlan Avenue and the West Gettysburg Avenue alignment. While the previously approved subdivision design has been abandoned and these lands have been sold into new ownership, the newly proposed subdivision design incorporates aggregate open space, pedestrian paseos/paths, trail facilities, and boundary streets, which will facilitate both vehicular and pedestrian connectivity for future development on adjacent lands and afford availability of open space amenities in order to facilitate a well integrated and Complete Neighborhood for the area.

The proposed subdivision design will utilize elements of an “Enhanced Streetscape” for a portion of the subject property, which will allow application of the alternative development standards for single family residential development, as provided and defined within the City of Fresno Development Code.

The site is located within an area which is planned for urban residential uses and which has been substantially developed to the east with single family residences; extending to Freeway 99. Properties located directly to the north of the subject property remain primarily vacant. However, a ponding basin has been developed and several rural residential properties exist west of North Hayes Avenue and north of the West Gettysburg Avenue alignment. Vacant property directly to the north has also been approved for development with 244 single family residences on approximately 44.77 acres through Tentative Tract Map No. 5493 in 2005. Properties to the south of the subject property also remain primarily vacant with the exception of a few rural residences north of West Ashlan Avenue and several rural residences south of West Ashlan Avenue. Property directly to the west of the subject property has been developed with a Central Unified School District elementary and middle school as well as Koligian Stadium.

In addition to the vehicular access points to West Gettysburg and North Bryan Avenues, two pedestrian connections are provided to the trail on West Gettysburg Avenue and one pedestrian connection is provided to North Bryan Avenue. These pedestrian connections will also contribute to providing safe routes for children to the elementary and middle school west of the subject property.

One outlot is also incorporated within the subdivision design, which will be dedicated for common open space purposes.

#### Fresno General Plan Goals, Objectives and Policies

As proposed, the project will be consistent with the Fresno General Plan goals and objectives related to residential land use and the urban form:

- Provide for a diversity of districts, neighborhoods, housing types (including affordable housing), residential densities, job opportunities, recreation, open space, and educational venues that appeal to a broad range of people throughout the city.
- Plan for a diverse housing stock that will support balanced urban growth, and make efficient use of resources and public facilities.
- Make full use of existing infrastructure, and investment in improvements to increase competitiveness and promote economic growth.
- Promote orderly land use development in pace with public facilities and services needed to serve development.

- Encourage the development of Complete Neighborhoods and districts with an efficient and diverse mix of residential densities, building types, and affordability which are designed to be healthy, attractive, and centered by schools, parks, and public and commercial services to provide a sense of place and that provide as many services as possible within walking distance. Healthy communities demonstrate efficient development patterns providing for: Sufficient affordable housing development in appropriate locations; A mix of land uses and a built environment that supports walking and biking; Multimodal, affordable transportation choices; and, Safe public spaces for social interaction.

These Goals contribute to the establishment of a comprehensive city-wide land use planning strategy to meet economic development objectives, achieve efficient and equitable use of resources and infrastructure, and create an attractive living environment in accordance with Objective LU-1 of the Fresno General Plan.

Policy UF-1-d further emphasizes provisions for a diversity and variation of building types, densities, and scale of development in order to reinforce the identity of individual neighborhoods, foster a variety of market-based options for living and working to suit a large range of income levels, and further affordable housing opportunities throughout the city.

Likewise, Objective LU-5 of the General Plan calls for a diverse housing stock that will support balanced urban growth, and make efficient use of resources and public facilities; and, Implementing Policy LU-5-c promotes medium density residential use to maximize efficient use of residential property through a wide range of densities.

Objective UF-12 of the Fresno General Plan directs the City to locate roughly one-half of future residential development in infill areas – defined as being within the City on December 31, 2012 – including the Downtown core area and surrounding neighborhoods, mixed-use centers and transit-oriented development along major BRT corridors, and other non-corridor infill areas, and vacant land.

Supporting Policy LU-1-a of the Fresno General Plan also promotes new development within the existing City limits as of December 31, 2012. Policies LU-1-e and LU-1-g recommend that annexations to the City conform to the General Plan Land Use Designations and maintain the City's current Sphere of Influence (SOI) Boundaries without additional expansion.

The subject property (approximately 30.25 acres) qualifies as infill development under the definition provided in the Fresno General Plan as the subject property was annexed with Annexation No. 1298 on April 13, 2006.

Furthermore, evaluation of public services capacity and availability for the area has determined that public infrastructure improvements exist within the area to serve existing development within the vicinity as well as future development on the subject



property. Water mains have been developed in North Bryan, West Ashlan and North Hayes Avenues, as well as in West Gettysburg Avenue to the east and west of the subject property. Dedication and improvement of West Gettysburg Avenue between North Bryan and West Hayes Avenue will include construction of a water main which will complete the connection of these existing facilities for the subject quarter section. Sewer mains exist in North Bryan and West Gettysburg Avenues to serve the proposed development. Furthermore, the proposed project will be obligated to pay fair share and proportional payment of fees and all development mitigation costs.

The goals of the West Area Community Plan include developing the West Area as a planned community with a complete range of services and facilities for the needs of the community residents, in adherence to a set of specific standards for residential, commercial, industrial, and public infrastructure development, with special emphasis on minimization of land use conflict between agriculture and urban uses.

Objective W-1 of the West Area Community Plan supports this goal by promoting compatibility between areas planned for, or committed to, active farming operations and areas planned for urban development.

Objective W-4 of the West Area Community Plan also encourages the establishment and maintenance of safe, attractive, and stable residential neighborhoods; to preserve the long-term integrity of the community.

This project supports the above mentioned policies in that the density and intensity of the proposed development conform to the applicable Medium Density Residential land use designation of the Fresno General Plan and West Area Community Plan.

The proposed development of the subject property will contribute to the completion of missing roadway and infrastructure improvements within the area in a manner which is consistent with the land use designations and circulation element of the Fresno General Plan.

The proposed project will provide for connectivity through both vehicular and pedestrian integration with adjacent land for future development.

Furthermore, the project is located directly to the east of the Central Unified School District Harvest Elementary and Glacier Point Middle Schools and is approximately three-quarters of a mile west of Teague Elementary School.

Therefore it is staff's opinion that the proposed project is consistent with respective general and community plan objectives and policies and will not conflict with any applicable land use plan, policy or regulation of the City of Fresno. Furthermore, the proposed project, including the design and improvement of the subject property, is found; (1) To be consistent with the goals, objectives and policies of the applicable Fresno General Plan and West Area Community Plan; (2) To be Suitable for the type and density of development; (3) To be safe from potential cause or introduction of

serious public health problems; and, (4) To not conflict with any public interests in the subject property or adjacent lands.

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

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

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

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

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

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
XII. NOISE -- Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?			X	
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X

Generally, the three primary sources of substantial noise that affect the City of Fresno and its residents are transportation-related and consist of major streets and regional

highways; airport operations at the Fresno Yosemite International, the Fresno-Chandler Downtown, and the Sierra Sky Park Airports; and railroad operations along the BNSF Railway and the Union Pacific Railroad lines.

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

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

Potential noise sources at the project site would occur primarily from roadway noise from North Bryan and West Gettysburg Avenues along the respective frontages of the subject site.

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

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

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

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

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

### Short Term Noise Impacts

The construction of a project involves both short-term, construction related noise, and long term noise potentially generated by increases in area traffic, nearby stationary sources, or other transportation sources. The Fresno Municipal Code (FMC) allows for construction noise in excess of standards if it complies with the section below (Chapter 10, Article 1, Section 10-109 – Exemptions). It states that the provisions of Article 1 – Noise Regulations of the FMC shall not apply to:

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

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

### Groundborne Vibrations and Groundborne Noise Impacts

The construction of the project could involve short-term, construction related groundborne vibrations and groundborne noise. The Fresno Municipal Code does not set standards for groundborne vibration. The MEIR for the Fresno General Plan references Caltrans standards to determine impacts. Caltrans considers a peak-particle velocity (ppv) threshold of .04 inches per second (in/sec) for continuous vibration as the minimum perceptible level for human annoyance of groundborne vibration. Continuous/frequent vibrations in excess of .10 in/sec ppv is defined as distinctly perceptible, with levels of .4 in/sec ppv can be expected to result in severe annoyance to people. Ground vibration generated by common construction equipment, including

large tractors and loaded trucks, ranges from 0.089 ppv (in/sec) to 0.003 ppv (in/sec) at 25 feet. Given that much of the construction will take place more than 25 feet away from neighboring properties and the threshold for severe annoyance is so much higher than what is expected of construction equipment (.4 compared to .089) the project's impact of groundborne vibrations is less than significant.

#### Long Term Noise Impacts

The subject property is currently zoned RS-5/UGM, which allows for residential developments. The immediate vicinity consists of primarily residential users, which have similar noise level requirements during the day. Although the project will create additional activity in the area, the project will be required to comply with all noise policies from the Fresno General Plan and noise ordinance from the FMC.

Although the project will create additional activity in the area, the project will be required to comply with all noise policies and mitigation measures identified within the Fresno General Plan and MEIR as well as the noise ordinance of the Fresno Municipal Code.

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

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

The subject site is currently designated by the Fresno General Plan for Medium Density Residential (5.0-12 dwelling units/acre) Planned Land Uses. Based upon the residentially planned land use density and acreage allocations currently designated by the Fresno General Plan, the subject property could theoretically yield up to approximately 363 dwelling units. Vesting Tentative Tract Map No. 6056/UGM proposes to subdivide the subject property into 179 single family residential lots for future development. Thus, the development of the subject site with single family residential uses, as permitted within the proposed RS-5 zone district, at a density of approximately 5.92 dwelling units per acre, consistent with the Medium Residential planned land use designation, will not facilitate an additional intensification of uses beyond that which would be allowed by the above-noted planned land use designation or beyond that previously conceived by the Fresno General Plan or MEIR.

Therefore, the proposed project will create a less than significant impact on population. Furthermore, the subject site is currently vacant. Therefore, the proposed project does not have the potential to displace persons as a result of development thereon.

No population and housing impacts will result from the proposed project beyond what was analyzed in the Master Environmental Impact Report SCH No. 2012111015 for 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>
<b>XIV. PUBLIC SERVICES --</b>				
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	

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Parks?				X
Schools?				X
Other public services?				X

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

According to the Fresno Metropolitan Flood Control District (FMFCD), the subject site is not located within a flood prone or hazard area. The Fresno Metropolitan Flood Control District (FMFCD) has indicated that permanent drainage service is available to the westerly portion of the proposed subdivision subject to construction of private facilities, which will convey runoff to existing Master Plan facilities in North Bryan Avenue; these private facilities will be abandoned once permanent Master Plan Facilities are constructed with future development of the area. Permanent drainage service is not available to the easterly portion of the proposed subdivision and recommends temporary drainage facilities until such time as permanent service is available.

Furthermore, the developer will be responsible for excavation in order to provide additional storage in Basin "EO" to accommodate additional volume of runoff created by development of the proposed subdivision.

The developer will be required to provide improvements which will convey surface drainage to Master Plan inlets and which will provide storage and paths for major storm conveyance. When development permits are issued, the subject site will be required to pay drainage fees pursuant to the Drainage Fee Ordinance.

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

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



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

### Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the public service related mitigation measures as identified in the attached Master Environmental Impact Report SCH No. 111015 Fresno General Plan Mitigation Monitoring Checklist dated August 05, 2016.

<b>ENVIRONMENTAL ISSUES</b>	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 will not result in the physical deterioration of existing parks or recreational facilities; and, will not require expansion of existing recreational facilities or affect recreational services beyond what was analyzed in the MEIR for the Fresno General Plan.

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

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XVI. TRANSPORTATION/TRAFFIC -</b> - 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

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 Fresno General Plan designates North Bryan and West Gettysburg Avenues as collector streets. The project will takes access from one point along North Bryan Avenue and one point on West Gettysburg Avenue. The developer of this project will be required to dedicate and construct improvements along all major street frontages and on all interior local streets within the subdivision. Direct vehicular access will be relinquished along all major street frontages of single family residential lots. The subdivision design includes boundary streets along its eastern and southern boundaries in order to afford access and facilitate connectivity for future development on adjacent undeveloped property. The proposed project also provides two pedestrian connections/paseos from the interior of the subdivision to the required trail on West Gettysburg Avenue; an additional single pedestrian connection/paseo is provided to North Bryan Avenue.

The proposed project is located within Traffic Impact Zone III pursuant to Figure MT-4 of the Fresno General Plan, which generally represents areas near or outside the City Limits but within the SOI as of December 31, 2012.

The analysis of traffic operations within the MEIR was conducted based on roadway segments representative of the City overall transportation network. Traffic volumes on the selected roadway segment analysis is based on traffic counts taken at single location or link, which was intended to be representative of the entire segment. A link connects two intersections; a segment is a series of links. Traffic operations on the study roadway segments were measured using a qualitative measure called Level of Service (LOS). LOS is a general measure of traffic operating conditions whereby a letter grade, from "A" (the best) to "F" (the worst), is assigned. These grades represent the perspective of drivers and are an indication of the comfort and convenience associated with driving, as well as speed, travel time, traffic interruptions, and freedom to maneuver.

The threshold established by the Fresno General Plan in TIZ II is Level of Service "D" representing a high-density, but stable flow. Users experience severe restriction in speed and freedom to maneuver, with poor levels of comfort and convenience.

In accordance with Fresno General Plan Policy MT-2-I, a Traffic Impact Analysis (TIA) was prepared to assess the impacts of the new development on existing and planned streets. This assessment evaluated the impacts of the project by analyzing the following eight study intersections and four study segments in the vicinity of the project during the AM and PM peak hours for the Existing Conditions; Existing plus Project Conditions; Near Term Plus Project Conditions; and, Cumulative Year 2035 plus Project Conditions study scenarios:

Study Intersections:

1. Bryan Avenue/Shaw Avenue
2. Hayes Avenue/Shaw Avenue
3. Bryan Avenue/Gettysburg Avenue
4. Bryan Avenue/Local Street (future project intersection)
5. Bryan Avenue/Ashlan Avenue
6. Hayes Avenue/Ashlan Avenue
7. Polk Avenue/Ashlan Avenue
8. Shields Avenue/Bryan Avenue

Study Segments:

1. Bryan Avenue between Shaw Avenue and Gettysburg Avenue
2. Bryan Avenue between Gettysburg Avenue and Ashlan Avenue
3. Bryan Avenue between Ashlan Avenue and Shields Avenue
4. Ashlan Avenue between Bryan Avenue and Hayes Avenue

Based on the analyses included in the TIA, the intersection of Bryan and Ashlan Avenues and Polk and Ashlan Avenues are currently operating below the TIZ III LOS standard of LOS D during the AM peak hour. All of the study roadway segments are currently operating above the TIZ III LOS D Standard. These findings comprise the Existing Conditions Scenario.

With the addition of the project (Existing plus Project Conditions Scenario), the intersections of Bryan and Ashlan Avenues and Polk and Ashlan Avenues will continue to operate below the TIZ III standard D in the AM peak hour. The roadway segments are projected to continue to operate above the TIZ III LOS D standard with the addition of the project.

The TIA analyzed the operational impacts with the addition of approved/pending projects and the proposed project (Near Term plus Project Conditions Scenario). The intersections of Bryan and Shaw Avenues, Hayes and Shaw Avenues, Bryan and Ashlan Avenues, Hayes and Ashlan Avenues, and Polk and Ashlan Avenues are projected to operate below the TIZ III LOS D standard. All study roadway segments are projected to continue to operate above the TIZ III LOS D standard with the addition of the proposed project and all approved/pending projects.

Finally, the TIA identified operational deficiencies at seven of the study intersections in the Cumulative Year 2035 plus Project Conditions Scenario. Based on the analyses shown in the TIA, all study segments are projected to operate acceptably in the Cumulative Year 2035 scenario.

Although some study intersections have been projected to operate below the TIZ III LOS D standard under various scenarios, it must be noted that the General Plan Update accepts lower LOS values. This reflects a change in policy for the City of Fresno to acknowledge that transportation planning based solely on roadway LOS, which considers only driver comfort and convenience, is not desirable since it fails to acknowledge other users of the circulation system and other community values. In evaluating the roadway system, a lower LOS may be desired when balanced against other community values related to resource protection, social equity, economic development, and consideration of pedestrians, bicyclists, and transit users. In addition, roadway LOS is directly linked to roadway infrastructure costs. A higher LOS results in greater expenditure of infrastructure for wider roadways that do not necessarily serve all users of the circulation system and may compete with other policies of the General Plan Update.

The Fresno General Plan utilizes and encourages strategic initiatives in compliance with the California Complete Streets Act, which provides priority and emphasis on a multi-modal transportation system; more transportation options result in fewer traffic jams and the overall capacity of the transportation network increases. Therefore, providing more transportation options will allow the City to meet its future travel demands without solely relying on motorized vehicles.

Based upon the findings contained within the MEIR, with implementation of the Fresno General Plan goals, objectives and policies, impacts to roadways within TIZ III would be less than significant if development occurs at the intensity and scope evaluated by the MEIR.

Vehicle trips projected to be generated by the proposed project were calculated using the Institute of Traffic Engineers (ITE) Trip Generation Manual, 9<sup>th</sup> Edition. Based upon the calculations, the proposed project is projected to generate 1,704 Average Daily Trips (ADT) with 134 vehicle trips occurring during the morning (7 to 9 a.m.) peak hour travel period and 179 vehicle trips occurring during the evening (4 to 6 p.m.) peak hour travel period.

The Public Works Department, Traffic Engineering Division has reviewed the potential traffic related impacts for the proposed project and has determined that the streets adjacent to and near the subject site will be able to accommodate the quantity and kind of traffic which may be potentially generated subject to the requirements outlined in the memoranda from the Traffic Engineering Division dated July 15<sup>th</sup> and July 28<sup>th</sup>, 2016. These requirements generally include: (1) The provision of a minimum two points of vehicular access to major streets for any phase of the development; (2) Major and local street dedications; (3) Dedications of bicycle, pedestrian and landscape easements for

trail purposes; (4) Street improvements, (including, but not limited to, construction of concrete curbs, gutters, pavement, underground street lighting systems; and, (5) Payment of applicable impact fees (including, but not limited to, the Traffic Signal Mitigation Impact (TSMI) Fee, Fresno Major Street Impact (FMSI) Fee, and the Regional Transportation Mitigation Fee (RTMF) Fee.

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

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

#### Mitigation Measures

1. The proposed project shall implement and incorporate, as applicable, the transportation/traffic related mitigation measures as identified in the attached Master Environmental Impact Report SCH No. 111015 Fresno General Plan Mitigation Monitoring Checklist dated August 05, 2016.

<b>ENVIRONMENTAL ISSUES</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporated</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
<b>XVII. UTILITIES AND SERVICE SYSTEMS -- Would the project:</b>				
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

<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 Department of Public Utilities has determined that adequate sanitary sewer and water services will be available to serve the proposed project subject to the payment of any applicable connection charges and/or fees; and, compliance with the Department of Public Utilities standards, specifications, and policies.

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

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

The proposed project is not expected to exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board. The impact to storm drainage facilities will be less than significant given the developer will be required to provide drainage services and convey runoff to Master Plan Facilities.

In conclusion, the project will not result in any utilities and service system impacts beyond those analyzed in MEIR SCH No. 2012111015.

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



<b>ENVIRONMENTAL ISSUES</b>	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X	

The proposed project is considered to be proposed at a size and scope which is neither a direct or indirect detriment to the quality of the environment through reductions in habitat, populations, or examples of local history (through either individual or cumulative impacts). Furthermore, the proposed project does not have the potential to degrade the quality of the environment or reduce the habitat of wildlife species and will not threaten plant communities or endanger any floral or faunal species. Furthermore the project has no potential to eliminate important examples of major periods in history.

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

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

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

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

EXHIBIT C

City of Fresno General Plan and Development Code Update Mitigation and Monitoring Reporting Program (MMRP) for Environmental Assessment No.

EA T-656

Conducted for Vesting Tentative Tract Map No. 6056/UGM

dated August 05, 2016

PURSUANT TO CERTIFIED MASTER ENVIRONMENTAL IMPACT REPORT (MEIR) SCH No. 2012111015

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

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

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

The timing of implementing each mitigation measure is identified in the checklist, as well as identifies the entity responsible for verifying that the mitigation measures applied to a project are performed. Project applicants are responsible for providing

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

Section 5.1 - Aesthetics:

<b>MM AES-1.</b> Lighting systems for street and parking areas shall include shields to direct light to the roadway surfaces and parking areas. Vertical shields on the light fixtures shall also be used to direct light away from adjacent light sensitive land uses such as residences.  <b>Verification comments:</b> Review of specific lighting systems and locations to occur with special permit application/entitlement review prior to development on any	Prior to issuance of building permits	Public Works Department (PW) and Development & Resource Management Dept. (DARM)						
			X					

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY						
			A	B	C	D	E	F
lot created from recordation of a tract map for any portion of the subject property.								
<b>Aesthetics (continued):</b>								
<b>MM AES-2:</b> Lighting systems for public facilities such as active play areas shall provide adequate illumination for the activity; however, low intensity light fixtures and shields shall be used to minimize spillover light onto adjacent properties.  <b>Verification comments: Review of specific lighting systems and locations for any future proposed public facilities to occur with special permit application/entitlement review prior to development on any lot created from recordation of a Tract Map for any portion of the subject property.</b>	Prior to issuance of building permits	DARM.	X					
<b>MM AES-3:</b> Lighting systems for non-residential uses, not including public facilities, shall provide shields on the light fixtures and orient the lighting system away from adjacent properties. Low intensity light fixtures shall also be used if excessive spillover light onto adjacent properties will occur.	Prior to issuance of building permits	DARM						X
<b>MM AES-4:</b> Lighting systems for freestanding signs shall not	Prior to issuance	DARM						X

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MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY						
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exceed 100 foot Lamberts (FT-L) when adjacent to streets which have an average light intensity of less than 2.0 horizontal footcandles and shall not exceed 500 FT-L when adjacent to streets which have an average light intensity of 2.0 horizontal footcandles or greater	of building permits							
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**Aesthetics (continued):**

<b>MM AES-5:</b> Materials used on building facades shall be non-reflective. <b>Verification comments:</b> Review of specific building elevations and locations to occur with building permit review prior to development on any lot created from recordation of a Tract Map for any portion of the subject property.	Prior to development project approval	DARM	X					

**Section 5.3 - Air Quality:**

<b>MM AIR-1:</b> Projects that include five or more heavy-duty truck deliveries per day with sensitive receptors located within 300 feet of the truck loading area shall provide a screening analysis to determine if the project has the potential to exceed criteria pollutant concentration based standards and thresholds for NO <sub>2</sub> and PM <sub>2.5</sub> . If projects exceed screening criteria, refined dispersion modeling and health risk assessment shall be accomplished and if needed, mitigation measures to reduce impacts shall be included in the project to	Analysis to be completed prior to development project approval; posting of signs to be completed prior to use of truck unloading/	DARM						X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<p>reduce the impacts to the extent feasible. Mitigation measures include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Locate loading docks and truck access routes as far from sensitive receptors as reasonably possible considering site design limitations to comply with other City design standards.</li> <li>• Post signs requiring drivers to limit idling to 5 minutes or less.</li> </ul>	loading areas							
<b>Air Quality (continued):</b>								
<p><b>MM AIR-2:</b> Projects that result in an increased cancer risk of 10 in a million or exceed criteria pollutant ambient air quality standards shall implement site-specific measures that reduce toxic air contaminant (TAC) exposure to reduce excess cancer risk to less than 10 in a million. Possible control measures include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Locate loading docks and truck access routes as far from sensitive receptors as reasonably possible considering site design limitations to comply with other City design standards.</li> <li>• Post signs requiring drivers to limit idling to 5 minutes or less</li> <li>• Construct block walls to reduce the flow of emissions toward sensitive receptors</li> <li>• Install a vegetative barrier downwind from the TAC source that can absorb a portion of the diesel PM emissions</li> <li>• For projects proposing to locate a new building containing</li> </ul>	Control measures to be incorporated into project design prior to development project approval	DARM						X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY						
			A	B	C	D	E	F
<p>sensitive receptors near existing sources of TAC emissions, install HEPA filters in HVAC systems to reduce TAC emission levels exceeding risk thresholds.</p> <ul style="list-style-type: none"> <li>Install heating and cooling services at truck stops to eliminate the need for idling during overnight stops to run onboard systems.</li> </ul> <p><i>(continued on next page)</i></p>								

**Air Quality (continued):**

<b>MM AIR-2 (continued from previous page):</b>								
<ul style="list-style-type: none"> <li>For large distribution centers where the owner controls the vehicle fleet, provide facilities to support alternative fueled trucks powered by fuels such as natural gas or bio-diesel</li> <li>Utilize electric powered material handling equipment where feasible for the weight and volume of material to be moved.</li> </ul>			<i>[see previous page]</i>			<i>[see previous page]</i>		
<b>MM AIR-3:</b> Require developers proposing projects on ARB's			Prior to			DARM		
						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

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A B C D E F					
			A	B	C	D	E	F
list of projects in its Air Quality and Land Use Handbook (Handbook) warranting special consideration to prepare a cumulative health risk assessment when sensitive receptors are located within the distance screening criteria of the facility as listed in the ARB Handbook or newer regulatory criteria that may be adopted by the San Joaquin Valley Air Pollution Control District (SJVAPCD).	development project approval							
<b>Air Quality (continued):</b>								
<b>MM AIR-4:</b> Require developers of projects containing sensitive receptors to provide a cumulative health risk assessment at project locations exceeding ARB Land Use Handbook distance screening criteria or newer regulatory criteria that may be adopted by the San Joaquin Valley Air Pollution Control District (SJVAPCD).	Prior to development project approval	DARM				X		X
<b>MM AIR-5:</b> Require developers of projects with the potential to generate significant odor impacts as determined through review of SJVAPCD odor complaint history for similar facilities and consultation with the SJVAPCD to prepare an odor impact assessment and to implement odor control measures recommended by the SJVAPCD or the City to the extent needed to reduce the impact to less than significant.	Prior to development project approval	DARM						X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Biological Resources:**

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

**Biological Resources (continued):**

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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



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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

### Biological Resources (continued):

<p><b>MM BIO-9</b> (<i>continued from previous page</i>):</p> <p>incorporating detention basins shall assist in ensuring project-related impacts to wetland habitat are minimized to the greatest extent feasible.</p>	<p>[see previous page]</p>	<p>[see previous page]</p>	
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## Section 5.5 - Cultural Resources:

[illegible]

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

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Cultural Resources (continued):**

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

**Cultural Resources (continued):**

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

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

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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



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

**Cultural Resources** *(continued)*:

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

**Cultural Resources** *(continued)*:

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

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

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

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

A - Incorporated into Project  
 B - Mitigated

C - Mitigation in Process  
 D - Responsible Agency Contacted

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

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

**Cultural Resources** *(continued)*:

<p><b>MM CUL-3</b> <i>(continued from previous page)</i></p> <p>measures that shall be implemented to protect the discovered resources, including but not limited to, excavation of the finds and evaluation of the finds. If the resources are determined to be significant, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any paleontological/geological resources recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.</p> <p>If unique paleontological/geological resources are found during the field survey or literature review, the resources shall be inventoried and evaluated for significance. If the resources are found to be significant, mitigation measures shall be identified by the qualified paleontologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery</p> <p><i>(continued on next page)</i></p>	[see previous page]	[see previous page]						

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Cultural Resources** *(continued)*:

<b>MM CUL-3</b> <i>(further continued from previous two pages)</i> excavations of the finds. In addition, appropriate mitigation for excavation and construction activities in the vicinity of the resources found during the field survey or literature review shall include a paleontological monitor. The monitoring period shall be determined by the qualified paleontologist. If additional paleontological/geological resources are found during excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed.	[see Page 16]	[see Page 16]						
<b>MM CUL-4:</b> In the event that human remains are unearthed during excavation and grading activities of any future development project, all activity shall cease immediately. Pursuant to Health and Safety Code (HSC) Section 7050.5, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98(a). If the remains are determined to be of Native American descent, the coroner shall within 24 hours notify the Native American Heritage Commission (NAHC). The NAHC shall then contact the most  <i>(continued on next page)</i>	Prior to commencement of, and during, construction activities	DARM	X					

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Cultural Resources** (*continued*):

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

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

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

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

MITIGATION MEASURE		WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Section 5.8 - Hazards and Hazardous Materials</b>									
<b>MM HAZ-1:</b> Re-designate the existing vacant land proposed for low density residential use, located northwest of the intersection of East Garland Avenue and North Dearing Avenue and within Fresno Yosemite International Airport Zone 1-RPZ, to Open Space.		Prior to development approvals	DARM						X
<b>MM HAZ-2:</b> Limit the proposed low density residential at (1 to 3 dwelling units per acre) located northwest of the airport, and located within Fresno Yosemite International Airport Zone 3-Inner Turning Area, to 2 dwelling units per acre or less.		Prior to development approvals	DARM						X
<b>MM HAZ-3:</b> Re-designate the current area located within Fresno Yosemite International Airport Zone 5-Sideline northeast of the airport to Public Facilities-Airport or Open Space.		Prior to development approvals	DARM						X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Hazards and Hazardous Materials (continued):**

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

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

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

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

MITIGATION MEASURE		WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Section 5.9 - Hydrology and Water Quality:</b>									
<b>MM HYD-1:</b> The City shall develop and implement water conservation measures to reduce the per capita water use to 215 gallons per capita per day. <b>Verification comments:</b>		Prior to water demand exceeding water supply	Department of Public Utilities (DPU)			X	X	X	
<b>MM HYD-2:</b> The City shall continue to be an active participant in the Kings Water Authority and the implementation of the Kings Basin IRWMP. <b>Verification comments:</b>		Ongoing	DPU			X	X	X	
<b>MM HYD-5.1:</b> The City and partnering agencies shall implement the following measures to reduce the impacts on the capacity of existing or planned storm drainage Master Plan collection systems to less than significant. <ul style="list-style-type: none"> <li>Implement the existing Storm Drainage Master Plan (SDMP) for collection systems in drainage areas where the amount of imperviousness is unaffected by the change in land uses.</li> </ul> <i>(continued on next page)</i>		Prior to exceedance of capacity of existing stormwater drainage facilities	Fresno Metropolitan Flood Control District (FMFCD), DARM, and PW			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



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

**Hydrology and Water Quality (continued):**

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

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

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

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

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

**Hydrology and Water Quality** (*continued*):

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Hydrology and Water Quality (continued):**

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

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

**Hydrology and Water Quality** (*continued*):

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Hydrology and Water Quality** (*continued*):

<b>MM HYD-5.5:</b> The City shall work with FMFCD to develop and adopt an update to the SDMP for the Southeast Development Area that would be adequately designed to collect, convey and dispose of runoff at the rates and volumes which would be generated by the planned land uses in that area.  <b>Verification comments:</b>	Prior to development approvals in the Southeast Development Area	FMFCD, DARM, and PW				X	X	

**Section 5.13 - Public Services:**

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

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

**Public Services (continued):**

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

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

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

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

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Public Services (continued):**

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

**Section 5.15 - Utilities and Service Systems**

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



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

**Utilities and Service Systems (continued):**

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

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

**Utilities and Service Systems (continued):**

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

A - Incorporated into Project  
 B - Mitigated

C - Mitigation in Process  
 D - Responsible Agency Contacted

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

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

**Utilities and Service Systems (continued):**

<b>MM USS-4</b> (continued from previous page): notification plan, and coordination with emergency service providers and schools.  <b>Verification comments:</b>	[see previous page]	[see previous page]						
<b>MM USS-5:</b> Prior to exceeding capacity within the existing wastewater collection system facilities, the City shall evaluate the wastewater collection system and shall not approve additional development that would generate additional wastewater and exceed the capacity of a facility until additional capacity is provided. By approximately the year 2025, the following capacity improvements shall be provided. <ul style="list-style-type: none"> <li>Orange Avenue Trunk Sewer: This facility shall be improved between Dakota and Jensen Avenues. Approximately 37,240 feet of new sewer main shall be installed and approximately 5,760 feet of existing sewer main shall be rehabilitated. The size of the new sewer main shall range from 27 inches to 42 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are RS03A, RL02, C01-REP, C02-REP, C03-REP, C04-REP, C05-REP, C06-REL and C07-REP.</li> </ul> (continued on next page)	Prior to exceeding capacity within the existing wastewater collection system facilities	DPU						
						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

MITIGATION MEASURE		WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Utilities and Service Systems</b> <i>(continued)</i> :									
<b>MM USS-5</b> <i>(continued from previous page)</i>		<i>[see previous page]</i>	<i>[see previous page]</i>						
<ul style="list-style-type: none"> <li>Marks Avenue Trunk Sewer: This facility shall be improved between Clinton Avenue and Kearney Boulevard. Approximately 12,150 feet of new sewer main shall be installed. The size of the new sewer main shall range from 33 inches to 60 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are CM1-REP and CM2-REP.</li> <li>North Avenue Trunk Sewer: This facility shall be improved between Polk and Fruit Avenues and also between Orange and Maple Avenues. Approximately 25,700 feet of new sewer main shall be installed. The size of the new sewer main shall range from 48 inches to 66 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are CN1-REL1 and CN3-REL1.</li> <li>Ashlan Avenue Trunk Sewer: This facility shall be improved between Hughes and West Avenues and also between Fruit and Blackstone Avenues. Approximately 9,260 feet of new sewer main shall be installed. The size of the new sewer main shall range from 24 inches</li> </ul>									

*(continued on next page)*

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems (continued):**

**MM USS-5** (further continued from previous two pages):  
to 36 inches in diameter. The associated project designations in the 2006 Wastewater Master Plan are CA1-REL and CA2-REP.

**Verification comments:**

**MM USS-6:** Prior to exceeding capacity within the existing 28 pipeline segments shown in Figures 1 and 2 in MEIR Appendix J-1, the City shall evaluate the wastewater collection system and shall not approve additional development that would generate additional wastewater and exceed the capacity of one of the 28 pipeline segments until additional capacity is provided.

**Verification comments:**

**MM USS-7:** Prior to exceeding existing water supply capacity, the City shall evaluate the water supply system and shall not approve additional development that would demand additional water until additional capacity is provided. By approximately the year 2025, the following capacity improvements shall be provided.

(continued on next page)

	[see Page 34]	[see Page 34]						
	Prior to exceeding capacity within the existing 28 pipeline segments shown in Figures 1 and 2 in Appendix J-1 of the MEIR	DPU			X		X	
	Prior to exceeding existing water supply capacity	DPU			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

MITIGATION MEASURE	WHEN IMPLEMENTED	COMPLIANCE VERIFIED BY	A	B	C	D	E	F
<b>Utilities and Service Systems</b> <i>(continued)</i> :								
<b>USS-7</b> <i>(continued from previous page)</i> <ul style="list-style-type: none"> <li>Construct an approximately 80 million gallon per day (MGD) surface water treatment facility near the intersection of Armstrong and Olive Avenues, in accordance with Chapter 9 and Figure 9-1 of the City of Fresno Metropolitan Water Resources Management Plan Update (2014 Metro Plan Update) Phase 2 Report, dated January 2012.</li> <li>Construct an approximately 30 MGD expansion of the existing northeast surface water treatment facility for a total capacity of 60 MGD, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct an approximately 20 MGD surface water treatment facility in the southwest portion of the City, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <b>Verification comments:</b>	[see previous page]	[see previous page]						

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

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

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

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

**Utilities and Service Systems** *(continued)*:

<b>MM USS-8:</b> Prior to exceeding capacity within the existing water conveyance facilities, the City shall evaluate the water conveyance system and shall not approve additional development that would demand additional water and exceed the capacity of a facility until additional capacity is provided. The following capacity improvements shall be provided by approximately 2025. <ul style="list-style-type: none"> <li>Construct 65 new groundwater wells, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 2.0 million gallon potable water reservoir (Reservoir T2) near the intersection of Clovis and California Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 3.0 million gallon potable water reservoir (Reservoir T3) near the intersection of Temperance and Dakota Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <p><i>(continued on next page)</i></p>	Prior to exceeding capacity within the existing water conveyance facilities	DPU			X	X	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

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

**Utilities and Service Systems** *(continued)*:

<b>MM USS-8</b> <i>(continued from previous page)</i> <ul style="list-style-type: none"> <li>Construct a 3.0 million gallon potable water reservoir (Reservoir T4) in the Downtown Planning Area, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 4.0 million gallon potable water reservoir (Reservoir T5) near the intersection of Ashlan and Chestnut Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct a 4.0 million gallon potable water reservoir (Reservoir T6) near the intersection of Ashlan Avenue and Highway 99, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct 50.3 miles of regional water transmission mains ranging in size from 24-inch to 48-inch diameter, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> <li>Construct 95.9 miles of 16-inch diameter transmission grid mains, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.</li> </ul> <b>Verification comments:</b>	[see previous page]	[see previous page]						

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

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

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



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

**Utilities and Service Systems (continued):**

<p><b>MM USS-9:</b> Prior to exceeding capacity within the existing water conveyance facilities, the City shall evaluate the water conveyance system and shall not approve additional development that would demand additional water and exceed the capacity of a facility until additional capacity is provided. The following capacity improvements shall be provided after approximately the year 2025 and additional water conveyance facilities shall be provided prior to exceedance of capacity within the water conveyance facilities to accommodate full buildout of the General Plan Update.</p> <ul style="list-style-type: none"> <li>Construct a 4.0 million gallon potable water reservoir (SEDA Reservoir 1) within the northern part of the Southeast Development Area.</li> <li>Construct a 4.0 million gallon potable water reservoir (SEDA Reservoir 2) within the southern part of the Southeast Development Area.</li> </ul> <p>Additional water conveyance facilities shall be provided prior to exceedance of capacity within the water conveyance facilities to accommodate full buildout of the General Plan Update.</p> <p><b>Verification comments:</b></p>	Prior to exceeding capacity within the existing water conveyance facilities	DPU						
					X	X	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

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

#### Utilities and Service Systems - Hydrology and Water Quality

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

#### Utilities and Service Systems - Biological Resources:

<b>USS-11:</b> When FMFCD proposes to provide drainage service outside of urbanized areas:  (a) FMFCD shall conduct preliminary investigations on undeveloped lands outside of highly urbanized areas. These investigations shall examine wetland hydrology, vegetation and soil types. These preliminary investigations shall be the basis for making a determination on whether or not more in-depth wetland studies shall be necessary. If the proposed project site does not exhibit wetland hydrology, support a prevalence of wetland vegetation and wetland soil types then no further action is required.  <i>(continued on next page)</i>	Prior to development approvals outside of highly urbanized areas	California Regional Water Quality Control Board (RWQCB), and USACE				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

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

**Utilities and Service Systems - Biological Resources** (continued):

**MM USS-11** (continued from previous page):

(b) Where proposed activities could have an impact on areas verified by the USACE as jurisdictional wetlands or waters of the U.S. (urban and rural streams, seasonal wetlands, and vernal pools), FMFCD shall obtain the necessary Clean Water Act, Section 404 permits for activities where fill material shall be placed in a wetland, obstruct the flow or circulation of waters of the United States, impair or reduce the reach of such waters. (As part of FMFCD's Memorandum of Understanding, with CDFW, Section 404 and 401 permits would be obtained from the USACE and RWQCB for any activity involving filling of jurisdictional waters.) At a minimum, to meet "no net loss policy," the permits shall require replacement of wetland habitat at a 1:1 ratio.

(c) Where proposed activities could have an impact on areas verified by the USACE as jurisdictional wetlands or waters of the U.S. (urban and rural streams, seasonal wetlands, and vernal pools), FMFCD shall submit and implement a wetland mitigation plan based on the wetland acreage verified by the USACE. The wetland mitigation plan shall be prepared by a qualified biologist or wetland scientist experienced in wetland creation, and shall include the following or equally effective elements:

(continued on next page)

[see previous page]

[see previous page]

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems - Biological Resources** (continued):

<p><b>MM USS-11</b> (further continued from previous two pages)</p> <ul style="list-style-type: none"> <li>i. Specific location, size, and existing hydrology and soils within the wetland creation area.</li> <li>ii. Wetland mitigation techniques, seed source, planting specifications, and required buffer setbacks. In addition, the mitigation plan shall ensure adequate water supply is provided to the created wetlands in order to maintain the proper hydrologic regimes required by the different types of wetlands created. Provisions to ensure the wetland water supply is maintained in perpetuity shall be included in the plan.</li> <li>iii. A monitoring program for restored, enhanced, created, and preserved wetlands on the project site. A monitoring program is required to meet three objectives; 1) establish a wetland creation success criteria to be met; 2) to specify monitoring methodology; 3) to identify as far as is possible, specific remedial actions that will be required in order to achieve the success criteria; and 4) to document the degree of success achieved in establishing wetland vegetation.</li> </ul> <p>(continued on next page)</p>	[see Page 41]	[see Page 41]	
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A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems - Biological Resources (continued):**

<p><b>MM USS-11</b> <i>(further continued from previous three pages)</i></p> <p>(d) A monitoring plan shall be developed and implemented by a qualified biologist to monitor results of any on-site wetland restoration and creation for five years. The monitoring plan shall include specific success criteria, frequency and timing of monitoring, and assessment of whether or not maintenance activities are being carried out and how these shall be adjusted if necessary. If monitoring reveals that success criteria are not being met, remedial habitat creation or restoration should be designed and implemented by a qualified biologist and subject to five years of monitoring as described above.</p> <p>Or</p> <p>(e) In lieu of developing a mitigation plan that outlines the avoidance, purchase, or creation of wetlands, FMFCD could purchase mitigation credits through a Corps approved Mitigation Bank.</p> <p><b>Verification comments:</b></p>	[see Page 41]	[see Page 41]						
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**A** - Incorporated into Project  
**B** - Mitigated

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

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

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

**Utilities and Service Systems - Biological Resources** (*continued*):

<p><b>MM USS-12:</b> When FMFCD proposes to provide drainage service outside in areas that support seasonal wetlands or vernal pools:</p> <p>(a) During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools, FMFCD shall conduct a preliminary rare plant assessment. The assessment will determine the likelihood on whether or not the project site could support rare plants. If it is determined that the project site would not support rare plants, then no further action is required. However, if the project site has the potential to support rare plants; then a rare plant survey shall be conducted. Rare plant surveys shall be conducted by qualified biologists in accordance with the most current CDFW/USFWS guidelines or protocols and shall be conducted at the time of year when the plants in question are identifiable.</p> <p>(b) Based on the results of the survey, prior to design approval, FMFCD shall coordinate with CDFW and/or implement a Section 7 consultation with USFWS, shall</p> <p style="text-align: right;"><i>(continued on next page)</i></p>	<p>During FMFCD facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools</p>	<p>California Department of Fish &amp; Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS)</p>						
								X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems - Biological Resources (continued):**

<p><b>MM USS-12</b> <i>(continued from previous page)</i></p> <p>determine whether the project facility would result in a significant impact to any special status plant species. Evaluation of project impacts shall consider the following:</p> <ul style="list-style-type: none"> <li>The status of the species in question (e.g., officially listed by the State or Federal Endangered Species Acts).</li> <li>The relative density and distribution of the on-site occurrence versus typical occurrences of the species in question.</li> <li>The habitat quality of the on-site occurrence relative to historic, current or potential distribution of the population.</li> </ul> <p>(c) Prior to design approval, and in consultation with the CDFW and/or the USFWS, FMFCD shall prepare and implement a mitigation plan, in accordance with any applicable State and/or federal statutes or laws, that reduces impacts to a less than significant level.</p> <p><b>Verification comments:</b></p>	[see previous page]	[see previous page]						

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems - Biological Resources (continued):**

<p><b>MM USS-12</b> <i>(further continued from previous two pages)</i></p> <ul style="list-style-type: none"> <li>The habitat quality of the on-site occurrence relative to historic, current or potential distribution of the population.</li> </ul> <p>(c) Prior to design approval, and in consultation with the CDFW and/or the USFWS, FMFCD shall prepare and implement a mitigation plan, in accordance with any applicable State and/or federal statutes or laws, that reduces impacts to a less than significant level.</p> <p><b>Verification comments:</b></p>	[see Page 45]	[see Page 45]						
<p><b>MM USS-13:</b> When FMFCD proposes to provide drainage service outside in areas that support seasonal wetlands or vernal pools:</p> <p>(a) During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools, FMFCD shall conduct a preliminary survey to determine the presence of listed vernal pool crustaceans.</p> <p><i>(continued on next page)</i></p>	During facility design and prior to initiation of ground disturbing activities in areas that support seasonal wetlands or vernal pools	CDFW and USFWS						X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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



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

**Utilities and Service Systems - Biological Resources (continued):**

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

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

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

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

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

**Utilities and Service Systems - Biological Resources (continued):**

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems - Biological Resources** (continued):

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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

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

**Utilities and Service Systems - Biological Resources** (continued):

<p><b>MM USS-16</b> (continued from previous page)</p> <p>above survey shall be valid only for the season when it is conducted</p> <p>(b) During the construction stage, FMFCD shall avoid all burrowing owl nest sites potentially disturbed by project construction during the breeding season while the nest is occupied with adults and/or young. The occupied nest site shall be monitored by a qualified biologist to determine when the nest is no longer used. Avoidance shall include the establishment of a 160-foot diameter non-disturbance buffer zone around the nest site. Disturbance of any nest sites shall only occur outside of the breeding season and when the nests are unoccupied based on monitoring by a qualified biologist. The buffer zone shall be delineated by highly visible temporary construction fencing.</p> <p>Based on approval by CDFW, pre-construction and pre-breeding season exclusion measures may be implemented to preclude burrowing owl occupation of the project site prior to project-related disturbance. Burrowing owls can be passively excluded from potential nest sites in the construction area, either by closing the burrows or placing one-way doors in the</p> <p style="text-align: right;">(continued on next page)</p>	[see previous page]	[see previous page]						

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

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

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

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

**Utilities and Service Systems - Biological Resources (continued):**

<p><b>MM USS-16</b> (further continued from previous two pages)</p> <p>burrows according to current CDFW protocol. Burrows shall be examined not more than 30 days before construction to ensure that no owls have recolonized the area of construction. For each burrow destroyed, a new burrow shall be created (by installing artificial burrows at a ratio of 2:1 on protected lands nearby).</p> <p><b>Verification comments:</b></p>	[see Page 49]	[see Page 49]						
<p><b>MM USS-17:</b> When FMFCD proposes to construct drainage facilities in the San Joaquin River corridor:</p> <p>(a) FMFCD shall not conduct instream activities in the San Joaquin River between October 15 and April 15. If this is not feasible, FMFCD shall consult with the National Marine Fisheries Service and CDFW on the appropriate measures to be implemented in order to protect listed salmonids in the San Joaquin River.</p> <p>(b) Riparian vegetation shading the main-channel that is removed or damaged shall be replaced at a ratio and quantity sufficient to maintain the existing shading of the channel. The location of replacement trees on or within</p> <p>(continued on next page)</p>	During instream activities conducted between October 15 and April 15	National Marine Fisheries Service (NMFS), CDFW, and Central Valley Flood Protection Board (CVFPB)						
								X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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



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

**Utilities and Service Systems – Recreation / Trails (continued):**

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

**Utilities and Service Systems – Air Quality:**

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

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

**Utilities and Service Systems – Air Quality (continued):****MM USS-19** (continued from previous page)

- (b) Construction shall be curtailed as much as possible when the Air Quality Index (AQI) is above 150. AQI forecasts can be found on the SJVAPCD web site.
- (c) Off-road trucks should be equipped with on-road engines if possible.
- (d) Construction equipment should have engines that meet the current off-road engine emission standard (as certified by the California Air Resources Board), or be re-powered with an engine that meets this standard.

**Verification comments:**

[see previous page]

[see previous page]

**Utilities and Service Systems – Adequacy of Storm Water Drainage Facilities:**

**MM USS-20:** Prior to exceeding capacity within the existing storm water drainage facilities, the City shall coordinate with FMFCD to evaluate the storm water drainage system and shall not approve additional development that would convey additional storm water to a facility that would experience an exceedance of capacity until the necessary additional capacity is provided.

**Verification comments:**

FMFCD, PW, and DARM

Prior to exceeding capacity within the existing storm water drainage facilities

X

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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



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

**Utilities and Service Systems – Adequacy of Water Supply Capacity:**

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

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

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

A - Incorporated into Project  
B - Mitigated

C - Mitigation in Process  
D - Responsible Agency Contacted

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