



ERIC GIBSON  
DIRECTOR

## County of San Diego

### DEPARTMENT OF PLANNING AND LAND USE

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## DRAFT

December 23, 2008

### **CEQA Initial Study - Environmental Checklist Form** (Based on the State CEQA Guidelines, Appendix G Rev. 10/98)

1. Project Number(s)/Environmental Log Number/Title:  
TM 5478; ER 06-08-017, Rabbit Run
2. Lead agency name and address:  
County of San Diego, Department of Planning and Land Use  
5201 Ruffin Road, Suite B,  
San Diego, CA 92123-1666
3.
  - a. Contact Beth Ehsan, Planner
  - b. Phone number: (858) 694-3103
  - c. E-mail: [beth.ehsan@sdcounty.ca.gov](mailto:beth.ehsan@sdcounty.ca.gov).
4. Project location:  
The proposed project is located in Valley Center, an unincorporated community of San Diego County, north of Fruitvale Road immediately west of Duffwood Lane (APN 188-160-54).  
Thomas Brothers Coordinates: Page 1070, Grid H/6
5. Project sponsor's name and address:  
Lawrence Paxton  
Paxton Surveying & Engineering  
934 South Andreason Drive, Suite I  
Escondido, CA 92029
6. General Plan Designation  
Community Plan: Valley Center  
Land Use Designation: (17) Estate Residential  
Density: 1 DU/2 acres, less than 25% average slope

1 DU/4 acres, greater than 25% average slope

- 7. Zoning  
 Use Regulation: A70 Limited Agriculture  
 Density: 1 DU/2 acres  
 Special Area Regulation: None

- 8. Description of project (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation):

The project is a major subdivision of 17.70 gross acres into 7 lots ranging in size from 2.03 to 4.02 gross acres. The subject site consists of active citrus orchard on level terrain. Grading quantities for the project involve cut and fill of 1800 cubic yards in a balanced grading operation. Construction activities as a result of the subdivision will include grading and clearing for 7 housing pads with associated driveways from Duffwood Lane. The project proposes to use water service from the Valley Center Municipal Water District and each lot will be served by an individual septic system.

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

The project vicinity consists of lots typically 2 acres in area with single-family dwellings and ancillary agricultural uses. Large parcels to the north are undeveloped and contain coastal sage scrub, chaparral and several drainages. Land uses immediately abutting the subject site include single-family dwellings to the south, east, and west with orchards to the west and south.

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

<u>Permit Type/Action</u>	<u>Agency</u>
Tentative Map	County of San Diego
Grading Permit	County of San Diego
Septic Tank Permit	County of San Diego
General Construction Storm water Permit	RWQCB
Water District Approval	Valley Center Water District
Fire District Approval	Valley Center Fire Protection District

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:** 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"/> <a href="#">Aesthetics</a>                              | <input type="checkbox"/> <a href="#">Agriculture Resources</a>                         | <input type="checkbox"/> <a href="#">Air Quality</a>                       |
| <input type="checkbox"/> <a href="#">Biological Resources</a>                    | <input type="checkbox"/> <a href="#">Cultural Resources</a>                            | <input type="checkbox"/> <a href="#">Geology &amp; Soils</a>               |
| <input checked="" type="checkbox"/> <a href="#">Hazards &amp; Haz. Materials</a> | <input type="checkbox"/> <a href="#">Hydrology &amp; Water Quality</a>                 | <input type="checkbox"/> <a href="#">Land Use &amp; Planning</a>           |
| <input type="checkbox"/> <a href="#">Mineral Resources</a>                       | <input checked="" type="checkbox"/> <a href="#">Noise</a>                              | <input type="checkbox"/> <a href="#">Population &amp; Housing</a>          |
| <input type="checkbox"/> <a href="#">Public Services</a>                         | <input type="checkbox"/> <a href="#">Recreation</a>                                    | <input checked="" type="checkbox"/> <a href="#">Transportation/Traffic</a> |
| <input type="checkbox"/> <a href="#">Utilities &amp; Service Systems</a>         | <input checked="" type="checkbox"/> <a href="#">Mandatory Findings of Significance</a> |                                                                            |

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

On the basis of this initial evaluation:

- On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- On the basis of this Initial Study, the Department of Planning and Land Use finds that although the proposed project could have a significant effect on the environment, 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. A **MITIGATED NEGATIVE DECLARATION** will be prepared.
- On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

	Date
Signature	Date
Beth Ehsan	Land Use/Environmental Planner
Printed Name	Title

**I. AESTHETICS** -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Scenic vistas are singular vantage points that offer unobstructed views of valued viewsheds, including areas designated as official scenic vistas along major highways or County designated visual resources. The project site is located approximately 1 mile east of Cole Grade Road in the community of Valley Center and is not located near or visible from a designated scenic vista and will not change the composition of an existing scenic vista. Therefore, the proposed project will not have any substantial adverse effect on a scenic vista.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** State scenic highways refer to those highways that are officially designated. A scenic highway is officially designated as a State scenic highway when the local jurisdiction adopts a scenic corridor protection program, applies to the California Department of Transportation for scenic highway approval, and receives notification from Caltrans that the highway has been designated as an official Scenic Highway. Generally, the area defined within a State scenic highway is the land adjacent to and visible from the vehicular right-of-way. The dimension of a scenic highway is usually identified using a motorist's line of vision, but a reasonable boundary is selected when the view extends to the distant horizon. The project site is located approximately 1 mile east of Cole Grade Road in the community of Valley Center and is not near or adjacent to a Scenic Highway. Therefore, the proposed project will not have any substantial adverse effect on a scenic resource within a State scenic highway.

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

- |                                                         |                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
|---------------------------------------------------------|------------------------------------------------------------------|

- Potentially Significant Unless Mitigation Incorporated       No Impact

Discussion/Explanation:

**Less Than Significant Impact:** Visual character is the objective composition of the visible landscape within a viewshed. Visual character is based on the organization of the pattern elements line, form, color, and texture. Visual character is commonly discussed in terms of dominance, scale, diversity and continuity. Visual quality is the viewer’s perception of the visual environment and varies based on exposure, sensitivity and expectation of the viewers. The project site consists chiefly of an existing citrus orchard in the context of an agrarian setting containing several citrus orchards. While the project proposes to add 7 additional dwelling units to the site, retention to the extent feasible of the existing orchard will be maintained. Therefore, the project will not substantially degrade the existing visual character and quality of the site and its surroundings.

The project will not result in cumulative impacts on visual character or quality because the project will not substantially degrade the existing visual character and quality of the site, and it is already surrounded by lots similar in size to the lots proposed, with similar uses. The Zoning and General Plan will not allow further subdivision of 2-acre lots, thus the capacity for further visual impacts in the immediate vicinity is quite limited. Therefore it could not have any cumulatively considerable impact in the context of additional development within the existing viewshed. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

- Potentially Significant Impact       Less than Significant Impact  
 Potentially Significant Unless Mitigation Incorporated       No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project will use outdoor lighting and is located within Zone A as identified by the San Diego County Light Pollution Code, approximately 9 - 10 miles from the Palomar Observatory. However, it will not adversely affect nighttime views or astronomical observations, because the project will conform to the Light Pollution Code (Section 59.101-59.115), including the Zone A lamp type and shielding requirements per fixture and hours of operation limitations for outdoor lighting and searchlights. In addition, the proposed project will not install any highly reflective surfaces such as glare-producing glass or high-gloss surface color that

will be visible along roadways, pedestrian walkways, or in the line of sight of adjacent properties.

The project will not contribute to significant cumulative impacts on day or nighttime views because the project conforms to the Light Pollution Code. The Code was developed by the San Diego County Department of Planning and Land Use and Department of Public Works in cooperation with lighting engineers, astronomers, and land use planners from San Diego Gas and Electric, Palomar and Mount Laguna observatories, and local community planning and sponsor groups to effectively address and minimize the impact of new sources light pollution on nighttime views. The standards in the Code are the result of this collaborative effort and establish an acceptable level for new lighting. Compliance with the Code is required prior to issuance of any building permit for any project. Mandatory compliance for all new building permits ensures that this project in combination with all past, present and future projects will not contribute to a cumulatively considerable impact. Moreover, the project's additional outdoor lighting and glare is controlled and limits light pollution to the project site or directly around the light source and will not contribute to a cumulative impact. Therefore, compliance with the Code, in combination with the outdoor lighting and glare controls listed above ensure that the project will not create a significant new source of substantial light or glare, which would adversely affect daytime or nighttime views in the area, on a project or cumulative level.

**II. AGRICULTURE RESOURCES** -- In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project site is comprised of land that is designated as both Prime Farmland (9.56 acres) and Unique Farmland (8.15 acres) according to the State Farmland Mapping and Monitoring Program (FMMP). Due to the presence of onsite agricultural resources, the applicant caused the preparation of the State Land Evaluation and Site Assessment (LESA) Model. The LESA Model was used due to the

fact that the County's Local Agricultural Resources Assessment (LARA) Model had not yet been finalized, at the time the subject project was submitted to the County. The Agricultural Analysis, prepared by James Chagala and Associates indicates that the LESA Model does not identify this property as a significant agricultural resource. Additionally, that Analysis shows that approximately 2.14 acres of the Prime Farmlands and 2.03 acres of the Unique Farmlands will be disturbed by the development of the proposed seven houses, and associated roadways, etc. This preserves 7.42 acres of Prime Farmland and 6.12 acres of Unique Farmlands available for agricultural production should the potential owners of these properties decide to cultivate the remaining acreage of the properties.

Additionally, it is well known that the majority of the County's agricultural production is conducted by farmers who live on their farms. The majority of cultivated land within the County is located on properties that consist of one to nine acres, and which are combined with single family homes. The subject Tentative Map proposes lots that are between two to four acres, and could be cultivated by the future property owners. Although, this application was submitted prior to the use of the LARA Model, Dennis Campbell, County agricultural resources specialist, evaluated the site to determine the importance of the resource based on the LARA Model, which takes into account local factors that define the importance of San Diego County agricultural resources. The LARA model considers the availability of water resources, climate, soil quality, surrounding land use, topography, and land use or parcel size consistency between the project site and surrounding land uses. A more detailed discussion of the LARA model can be found in the Guidelines for Determining Significance for Agricultural Resources at <http://www.sdcdplu.org/dplu/Resource/docs/3~pdf/AG-Guidelines.pdf>.

The LARA Model finds that this property is an important agricultural resource. The site rated High in all factors except Surrounding Land Uses, which received a rating of Moderate. However, this finding is mitigated by the determination cited above regarding the project's proposed lot sizes and the fact that the majority of the property could be used for agricultural cultivation after houses are placed on the property. It is quite common in San Diego County to find the mixing of single family homes with agricultural production, on the same lot, for parcels that are between one and nine acres in size. Therefore, no potentially significant project or cumulative level conversion of agricultural resources to a non-agricultural use will occur as a result of this project.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project site is zoned A70 (Limited Agriculture), which is considered to be an agricultural zone. However, the proposed project will not result in a conflict in zoning for agricultural use, because single family housing is a permitted use in A70 zones and will not create a conflict with existing zoning for agricultural use. Additionally, the subject property is not under a Williamson Act Contract. Therefore, there will be no conflict with existing zoning for agricultural use, or a Williamson Act Contract. A Williamson Act Contract exists on a property that is approximately 1,050 feet to the north and west of the subject property. However, that property and the subject property are separated by six parcels that are of equal or smaller lot sizes to the proposed application's lots. These six parcels have not negatively affected the agricultural operation of the Contract property, and it is not anticipated that the current application have any affect on that Contract property due to its separation and the fact that single family lots of two acres or more will be placed on the subject property.

c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project site and surrounding area within a radius of one-quarter mile has mainly citrus groves and estate housing. As a result, the proposed project was reviewed by both James Chagala and Associates, dated March 25, 2007, and submitted on April 19, 2007, and on November 25, 2008, by Dennis Campbell, County Agricultural Specialist, and was determined not to have significant adverse impacts related to the conversion of Prime Farmland, Unique Farmland, Farmland of Statewide or Local Importance or active agricultural operations to a non-agricultural use for the following reasons:

- Surrounding active agricultural operations consist of citrus groves, which commonly operate among residential uses and create minimal land use conflicts. The addition of seven residences would not introduce a change in the existing environment that would alter the operation of existing agricultural activities. Existing agricultural cultivation and single family homes of two to four acres co-exist throughout the County of San Diego.
- Active agricultural operations are separated from proposed land uses on the project site by 25 feet and by other developed parcels.

- Active agricultural operations in the surrounding area are already interspersed with single family residential uses and the proposed use would not significantly change the existing land uses in the area, resulting in a change that could convert agricultural operations to a non-agricultural use.

Therefore, no potentially significant project or cumulative level conversion of Prime Farmland, Unique Farmland, Farmland of Statewide Importance, or Farmland of Local Importance to a non-agricultural use will occur as a result of this project.

**III. AIR QUALITY** -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- a) Conflict with or obstruct implementation of the San Diego Regional Air Quality Strategy (RAQS) or applicable portions of the State Implementation Plan (SIP)?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes development that was anticipated in SANDAG growth projections used in development of the RAQS and SIP. Operation of the project will not result in emissions of significant quantities of criteria pollutants listed in the California Ambient Air Quality Standards or toxic air contaminants as identified by the California Air Resources Board. As such, the proposed project is not expected to conflict with either the RAQS or the SIP. In addition, the project is consistent the SANDAG growth projections used in the RAQS and SIP; therefore, the project will not contribute to a cumulatively considerable impact.

- b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

In general, air quality impacts from land use projects are the result of emissions from motor vehicles, and from short-term construction activities associated with such projects. The San Diego County Air Pollution Control District (SDAPCD) has established screening-level criteria for all new source review (NSR) in APCD Rule 20.2.

For CEQA purposes, these screening-level criteria can be used as numeric methods to demonstrate that a project’s total emissions (e.g. stationary and fugitive emissions, as well as emissions from mobile sources) would not result in a significant impact to air quality. Since APCD does not have screening-level criteria for emissions of volatile organic compounds (VOCs), the use of the screening level for reactive organic compounds (ROC) from the CEQA Air Quality Handbook for the South Coast Air Basin (SCAB), which has stricter standards for emissions of ROCs/VOCs than San Diego’s, is appropriate. However, the eastern portions of the county have atmospheric conditions that are characteristic of the Southeast Desert Air Basin (SEDAB). SEDAB is not classified as an extreme non-attainment area for ozone and therefore has a less restrictive screening-level. Projects located in the eastern portions of the County can use the SEDAB screening-level threshold for VOCs.

**Less Than Significant Impact:** The project proposes earthwork involving cut of XXX cubic yards and fill of XXX cubic yards. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in pollutant emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA Air Quality Handbook section 6.2 and 6.3. In addition, the vehicle trips generated from the project will result in 108 additional Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA Air Quality Handbook section 6.2 and 6.3 for criteria pollutants. As such, the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

San Diego County is presently in non-attainment for the 1-hour concentrations under the California Ambient Air Quality Standard (CAAQS) for Ozone (O<sub>3</sub>). San Diego County is also presently in non-attainment for the annual geometric mean and for the 24-hour concentrations of Particulate Matter less than or equal to 10 microns (PM<sub>10</sub>)

under the CAAQS. O<sub>3</sub> is formed when volatile organic compounds (VOCs) and nitrogen oxides (NO<sub>x</sub>) react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage; and pesticides. Sources of PM<sub>10</sub> in both urban and rural areas include: motor vehicles, wood burning stoves and fireplaces, dust from construction, landfills, agriculture, wildfires, brush/waste burning, and industrial sources of windblown dust from open lands.

**Less Than Significant Impact:** Air quality emissions associated with the project include emissions of PM<sub>10</sub>, NO<sub>x</sub> and VOCs from construction/grading activities, and VOCs as the result of increase of traffic from operations at the facility. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in PM<sub>10</sub> and VOC emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA air quality handbook section 6.2 and 6.3. The vehicle trips generated from the project will result in 108 additional Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook section 6.2 and 6.3 for VOCs and PM<sub>10</sub>.

In addition, a list of past, present and future projects within the surrounding area were evaluated and none of these projects emit significant amounts of criteria pollutants. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. The proposed project as well as the past, present and future projects within the surrounding area, have emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook section 6.2 and 6.3, therefore, the construction and operational emissions associated with the proposed project are not expected to create a cumulatively considerable impact nor a considerable net increase of PM<sub>10</sub>, or any O<sub>3</sub> precursors.

d) Expose sensitive receptors to substantial pollutant concentrations?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

Air quality regulators typically define sensitive receptors as schools (Preschool-12<sup>th</sup> Grade), hospitals, resident care facilities, or day-care centers, or other facilities that may

house individuals with health conditions that would be adversely impacted by changes in air quality.

**Less Than Significant Impact:** No sensitive receptors have been identified within a quarter-mile (the radius determined by the SCAQMD in which the dilution of pollutants is typically significant) occur of the proposed project. Further, the proposed project will not generate significant levels of air pollutants. As such, the project will not expose sensitive populations to excessive levels of air pollutants.

e) Create objectionable odors affecting a substantial number of people?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project could produce objectionable odors, which would result from volatile organic compounds, ammonia, carbon dioxide, hydrogen sulfide, methane, alcohols, aldehydes, amines, carbonyls, esters, disulfides dust and endotoxins from the construction phases. However, these substances, if present at all, would only be in trace amounts (less than  $1 \mu\text{g}/\text{m}^3$ ). Moreover, the affects of objectionable odors are localized to the immediate surrounding area and will not contribute to a cumulatively considerable odor. A list of past, present and future projects within the surrounding area were evaluated and none of these projects create objectionable odors. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered

**IV. BIOLOGICAL RESOURCES** -- Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** Based on County records and the Biological Resources and Wetland Survey Letter Report dated April 9, 2007 prepared by Everett and Associates the 17.7-acre site entirely consists of active agriculture (orange groves). No sensitive animal or plant species were observed or are expected to occur.

The project site is surrounded by agriculture uses and low density rural residential development. The habitat onsite and surrounding the site is rated as agriculture or low/medium value. The development of this site, when considering past, present and reasonably foreseeable projects will not have a substantial adverse effect on any species identified as a candidate, sensitive, or special status

Therefore, because there is no native habitat onsite and surrounding land uses are either residential or agricultural, staff has determined that the project will not result in substantial adverse effects, either directly or through habitat modifications, to 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.

- 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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** County staff reviewed a Biological Resources and Wetland Survey Letter Report dated April 9, 2007 prepared by Everett and Associates for the project. As a result, staff has determined that the proposed project site does not contain any riparian habitat or other sensitive natural communities as defined by the County of San Diego Multiple Species Conservation Program (MSCP), County of San Diego Resource Protection Ordinance (RPO), Natural Community Conservation Plan (NCCP), Fish and Game Code, Endangered Species Act, Clean Water Act, or any other local or regional plans, policies or regulations. In addition, no riparian habitat or other sensitive natural community has been identified within or adjacent to the area proposed for off-site impacts resulting from road improvements. Therefore, the project will not have a substantial adverse effect on any riparian habitat or other sensitive natural community.

- 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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on County records and the Biological Resources and Wetland Survey Letter Report dated April 9, 2007 prepared by Everett and Associates, the project site does not contain any wetlands as defined by Section 404 of the Clean Water Act, including, but not limited to, marsh, vernal pool, stream, lake, river or water of the U.S., that could potentially be impacted through direct removal, filling, hydrological interruption, diversion or obstruction by the proposed development. Therefore, no impacts will occur to wetlands defined by Section 404 of the Clean Water Act in which the Army Corps of Engineers maintains jurisdiction over.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on County records and the Biological Resources and Wetland Survey Letter Report dated April 9, 2007 prepared by Everett and Associates, the project site does not contain native habitat. Wildlife would not be expected to utilize the site or the surrounding vicinity due to agricultural and residential uses. Therefore, the project would not interfere with the movement of any native resident or migratory fish or wildlife species, or established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.

e) Conflict with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan or any other local policies or ordinances that protect biological resources?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

Refer to the attached Ordinance Compliance Checklist for further information on consistency with any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan, including, Habitat Management Plans (HMP) Special Area Management Plans (SAMP) or any other local policies or ordinances that protect biological resources including the Multiple Species Conservation

Program (MSCP), Biological Mitigation Ordinance, Resource Protection Ordinance (RPO), Habitat Loss Permit (HLP).

**V. CULTURAL RESOURCES** -- Would the project:

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

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of records and a survey of the property by a County of San Diego approved historian, Brian Smith on June 19, 2006, it has been determined that there are no impacts to historical resources because they do not occur within the project site. The results of the survey are provided in the cultural resources report titled, "A Phase I Archaeological Assessment of the Rabbit Run Project", prepared by Brian Smith of Brian F. Smith & Associates, dated March 13, 2007.

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

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of records and a survey of the property by a County of San Diego approved archaeologist, Brian Smith on June 19, 2006, it has been determined that there are no impacts to archaeological resources because they do not occur within the project site. The results of the survey are provided in the cultural resources report titled, "A Phase I Archaeological Assessment of the Rabbit Run Project", prepared by Brian Smith of Brian F. Smith & Associates dated March 13, 2007. The Area of Potential Effect (APE) has historically been cultivated for an orange grove operation. Therefore because of the negative findings of the survey combined with disturbance of the land over many years, a grading monitoring program will not be required. However, the project must conform to Section 87.429 of the San Diego County Grading, Clearing, and Watercourses Ordinance that requires that "if, in the process of grading operations, human remains or Native American artifacts are encountered, grading operations shall be suspended in that area and the operator shall immediately inform the County Official, and the requirements of the Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.99 shall be complied

with". Compliance with the requirement outlined above, the protection of previously unrecorded buried cultural resources is provided for.

- c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?
- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** A review of the paleontological maps provided by the San Diego Museum of Natural History indicates that the project is located entirely on plutonic igneous rock and has no potential for producing fossil remains. The site does not contain any unique geologic features that have been catalogued within the Conservation Element (Part X) of the County's General Plan or support any known geologic characteristics that have the potential to support unique geologic features.

- d) Disturb any human remains, including those interred outside of formal cemeteries?
- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of records and a survey of the property by a County of San Diego approved archaeologist, Brian Smith on June 19, 2006, it has been determined that the project will not disturb any human remains because the project site does not include a formal cemetery or any archaeological resources that might contain interred human remains. The results of the survey are provided in the cultural resources report titled, "A Phase I Archaeological Assessment of the Rabbit Run Project", prepared by Brian Smith of Brian F. Smith & Associates, dated March 13, 2007.

**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.

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is not located in a fault rupture hazard zone identified by the Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997, Fault-Rupture Hazards Zones in California, or located within any other area with substantial evidence of a known fault. Therefore, there will be no impact from the exposure of people or structures to adverse effects from a known fault-rupture hazard zone as a result of this project.

ii. Strong seismic ground shaking?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** To ensure the structural integrity of all buildings and structures, the project must conform to the Seismic Requirements as outlined within the California Building Code. The County Code requires a soils compaction report with proposed foundation recommendations to be approved before the issuance of a building permit. Therefore, compliance with the California Building Code and the County Code ensures the project will not result in a potentially significant impact from the exposure of people or structures to potential adverse effects from strong seismic ground shaking.

iii. Seismic-related ground failure, including liquefaction?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project site is located within a "Potential Liquefaction Area" as identified in the County Guidelines for Determining Significance for Geologic Hazards. Feasible foundation designs exist that can mitigate the liquefaction hazard. Standard procedures mandate that prior to

issuance of building permits, a geotechnical study shall be reviewed and approved which specifies foundation design adequate to preclude substantial damage to the proposed structure due to liquefaction. With a site-specific engineering design, impacts due to liquefaction will be less than significant.

iv. Landslides?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The site is located within a “Landslide Susceptibility Area” as identified in the County Guidelines for Determining Significance for Geologic Hazards. Landslide Susceptibility Areas were developed based on landslide risk profiles included in the *Multi-Jurisdictional Hazard Mitigation Plan, San Diego, CA* (URS, 2004). Landslide risk areas from this plan were based on data including steep slopes (greater than 25%); soil series data (SANDAG based on USGS 1970s series); soil-slip susceptibility from USGS; and Landslide Hazard Zone Maps (limited to western portion of the County) developed by the California Department of Conservation, Division of Mines and Geology (DMG). Also included within Landslide Susceptibility Areas are gabbroic soils on slopes steeper than 15% in grade because these soils are slide prone. There are no slopes on or near house pads that are steeper than 15% in grade. This presents a very low potential for either pre-existing or potential conditions that could become unstable and result in landslides. Therefore, there will be no potentially significant impact from the exposure of people or structures to adverse effects from adverse effects of landslides.

b) Result in substantial soil erosion or the loss of topsoil?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** According to the Soil Survey of San Diego County, the soils on-site each have a soil erodibility rating of “severe” as indicated by the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. The project involves grading; however, the project is required to comply with the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414

(DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING). Compliance with these regulations minimizes the potential for water and wind erosion. The project will not result in substantial soil erosion or the loss of topsoil for the following reasons: the project will not result in unprotected erodible soils; will not substantially alter existing drainage patterns; is not located in a floodplain, wetland, or significant drainage feature; and will not develop steep slopes. The project has prepared a Storm Water Management Plan dated August 1, 2008, prepared by Robert Sukup. The plan includes the following Best Management Practices to ensure sediment does not erode from the project site: silt fence, fiber rolls, gravel bag berm, storm drain inlet protection, material delivery and storage, stockpile management, spill prevention and control, solid waste management, concrete waste management, stabilized construction entrance/exit, water conservation practices, paving and grinding operations, covering of slopes, minimize impervious footprint, conserve natural areas, drain impervious surfaces to landscaping, minimize cut and fill areas, collect concentrated flows, preserve significant trees, set back development from drainages, minimize compaction, reuse native soils, smart irrigation systems, and vegetated filter strip.

Due to these factors, it has been found that the project will not result in substantial soil erosion or the loss of topsoil on a project level.

In addition, the project will not contribute to a cumulatively considerable impact because all the of past, present and future projects included on the list of projects that involve grading or land disturbance are required to follow the requirements of the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING); Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); and County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

c) Will the project produce unstable geological conditions that will result in adverse impacts resulting from landslides, lateral spreading, subsidence, liquefaction or collapse?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project does feature site disturbance with grading; however, the project will not result in unstable geological conditions either on-site or off-

site because the project is consistent with the geological formations underlying the site. For further information refer to VI Geology and Soils, Question a., i-iv listed above.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not contain expansive soils as defined by Table 18-I-B of the Uniform Building Code (1994). The soils on-site are Visalia sandy loam, 2 to 5 percent slopes and Fallbrook sandy loam, 9 to 15 percent slopes, eroded. These soils have a shrink-swell behavior of low and represent no substantial risks to life or property. Therefore, the project will not create a substantial risk to life or property. This was confirmed by staff review of the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves seven septic systems located on the seven lots. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained." The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division's, "On-site Wastewater Systems: Permitting Process and Design Criteria." DEH approved the project's OSWS on March 28, 2008. Therefore, the project has soils capable of adequately supporting the use of septic tanks

or alternative wastewater disposal systems as determined by the authorized, local public agency. In addition, the project will comply with the San Diego County Code of Regulatory Ordinances, Title 6, Div. 8, Chap. 3, Septic Tanks and Seepage Pits.

**VII. HAZARDS AND HAZARDOUS MATERIALS** -- Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes?

- |                                                                                  |                                                       |
|----------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                          | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporation | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project will not create a significant hazard to the public or the environment because it does not propose the storage, use, transport, emission, or disposal of Hazardous Substances, nor are Hazardous Substances proposed or currently in use in the immediate vicinity.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project will not contain, handle, or store any potential sources of chemicals or compounds that would present a significant risk of accidental explosion or release of hazardous substances.

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

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is not located within one-quarter mile of an existing or proposed school. Therefore, the project will not have any effect on an existing or proposed school.

- 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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is not located on a site listed in the State of California Hazardous Waste and Substances sites list compiled pursuant to Government Code Section 65962.5.

- 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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports; or within two miles of a public airport. Also, the project does not propose construction of any structure equal to or greater than 150 feet in height, constituting a safety hazard to aircraft and/or operations from an airport or heliport. Therefore, the project will not constitute a safety hazard for people residing or working in the project area.

- f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project is not within one mile of a private airstrip. As a result, the project will not constitute a safety hazard for people residing or working in the project area.

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

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

The following sections summarize the project's consistency with applicable emergency response plans or emergency evacuation plans.

i. OPERATIONAL AREA EMERGENCY PLAN:

**Less Than Significant Impact:** The Operational Area Emergency Plan is a framework document that provides direction to local jurisdictions to develop specific operational area of San Diego County. It provides guidance for emergency planning and requires subsequent plans to be established by each jurisdiction that has responsibilities in a disaster situation. The project will not interfere with this plan because it will not prohibit subsequent plans from being established.

ii. SAN DIEGO COUNTY NUCLEAR POWER STATION EMERGENCY RESPONSE PLAN

**No Impact:** The San Diego County Nuclear Power Station Emergency Response Plan will not be interfered with by the project due to the location of the project, plant and the specific requirements of the plan. The emergency plan for the San Onofre Nuclear Generating Station includes an emergency planning zone within a 10-mile radius. All land area within 10 miles of the plant is not within the jurisdiction of the unincorporated County and as such a project in the unincorporated area is not expected to interfere with any response or evacuation.

iii. OIL SPILL CONTINGENCY ELEMENT

**No Impact:** The Oil Spill Contingency Element will not be interfered with because the project is not located along the coastal zone or coastline.

iv. EMERGENCY WATER CONTINGENCIES ANNEX AND ENERGY SHORTAGE RESPONSE PLAN

**No Impact:** The Emergency Water Contingencies Annex and Energy Shortage Response Plan will not be interfered with because the project does not propose altering major water or energy supply infrastructure, such as the California Aqueduct.

v. DAM EVACUATION PLAN

**No Impact:** The Dam Evacuation Plan will not be interfered with because the project is located outside a dam inundation zone.

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?

- |                                                                                        |                                                       |
|----------------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less than Significant with Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

Discussion/Explanation:

**Less than Significant with Mitigation Incorporated:** The proposed project is adjacent to wildlands that have the potential to support wildland fires. However, the project will not expose people or structures to a significant risk of loss, injury or death involving wildland fires because the project will comply with the regulations relating to emergency access, water supply, and defensible space specified in the Consolidated Fire Code for the 17 Fire Protection Districts in San Diego County and Appendix II-A, as adopted and amended by the local fire protection district. Implementation of these fire safety standards will occur during the Tentative Map, or building permit process. Also, a Fire Service Availability Letter and conditions, dated February 21, 2006, have been received from the Valley Center Fire Protection District. The conditions from the Valley Center Fire Protection District include: 5 fire hydrants, limits on length of dead-end roads, cul-de sacs with a minimum of 36' radius, and fire clearing of 100' around structures. In addition, the project will be required to annex into the Valley Center Fire Protection District Community Facilities District to fund the eventual construction of a new fire station. Therefore, based on the review of the project by County staff, through compliance with the Consolidated Fire Code and Appendix II-A and through compliance with the Valley Center Fire Protection District's conditions, it is not anticipated that the project will expose people or structures to a significant risk of loss, injury or death involving hazardous wildland fires. Moreover, the project will not contribute to a cumulatively considerable impact, because all past, present and future projects in the surrounding area required to comply with the Consolidated Fire Code and Appendix II-A.

i) Propose a use, or place residents adjacent to an existing or reasonably foreseeable use that would substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies, which are capable of transmitting significant public health diseases or nuisances?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not involve or support uses that allow water to stand for a period of 72 hours (3 days) or more (e.g. artificial lakes, agricultural irrigation ponds). Also, the project does not involve or support uses that will produce or collect animal waste, such as equestrian facilities, agricultural operations (chicken coops, dairies etc.), solid waste facility or other similar uses. Additionally, none of these uses are located on adjacent properties. Therefore, the project will not substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies.

**VIII. HYDROLOGY AND WATER QUALITY** -- Would the project:

a) Violate any waste discharge requirements?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes residential construction, which requires an NPDES General Permit for Discharges of Storm Water Associated with Construction Activities. The project applicant has provided a copy of a Stormwater Management Plan which demonstrates that the project will comply with all requirements of the County of San Diego Watershed Protection, Stormwater Management and Discharge Control Ordinance (WPO). The project site proposes and will be required to implement the following site design measures and/or source control BMPs and/or treatment control BMPs to reduce potential pollutants to the maximum extent practicable from entering storm water runoff: silt fence, fiber rolls, gravel bag berm, storm drain inlet protection, material delivery and storage, stockpile management, spill prevention and control, solid waste management, concrete waste management, stabilized construction entrance/exit, water conservation practices, paving and grinding operations, covering of slopes, minimize impervious footprint, conserve natural areas, drain impervious surfaces to landscaping, minimize cut and fill areas, collect concentrated flows, preserve significant trees, set back development from drainages,

minimize compaction, reuse native soils, smart irrigation systems, and vegetated filter strip. These measures will enable the project to meet waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP).

Finally, the project's conformance to the waste discharge requirements listed above ensures the project will not create cumulatively considerable water quality impacts related to waste discharge because, through the permit, the project will conform to Countywide watershed standards in the JURMP and SUSMP, derived from State regulation to address human health and water quality concerns. Therefore, the project will not contribute to a cumulatively considerable impact to water quality from waste discharges.

b) Is the project tributary to an already impaired water body, as listed on the Clean Water Act Section 303(d) list? If so, could the project result in an increase in any pollutant for which the water body is already impaired?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project lies in the Rincon hydrologic subarea, within the San Luis Rey hydrologic unit. According to the Clean Water Act Section 303(d) list, July 2003, although the mouth of the San Luis Rey is impaired for coliform bacteria, no portion of the San Luis Rey River, which is tributary to the Pacific Ocean, is impaired. Constituents of concern in the San Luis Rey River watershed include coliform bacteria, nitrate, sediment, and pesticides.

The project proposes land disturbing activities and operation with associated pollutants. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in any runoff to the maximum extent practicable so as not to increase the level of these pollutants in receiving waters: silt fence, fiber rolls, gravel bag berm, storm drain inlet protection, material delivery and storage, stockpile management, spill prevention and control, solid waste management, concrete waste management, stabilized construction entrance/exit, water conservation practices, paving and grinding operations, covering of slopes, minimize impervious footprint, conserve natural areas, drain impervious surfaces to landscaping, minimize cut and fill areas, collect concentrated flows, preserve significant trees, set back development from drainages, minimize compaction, reuse native soils, smart irrigation systems, and vegetated filter strip.

The proposed BMPs are consistent with regional surface water and storm water planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result the project will not contribute to a cumulative impact to an already impaired water body, as listed on the Clean Water Act Section 303(d). Regional surface water and storm water permitting regulation for County of San Diego, Incorporated Cities of San Diego County, and San Diego Unified Port District includes the following: Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). The stated purposes of these ordinances are to protect the health, safety and general welfare of the County of San Diego residents; to protect water resources and to improve water quality; to cause the use of management practices by the County and its citizens that will reduce the adverse effects of polluted runoff discharges on waters of the state; to secure benefits from the use of storm water as a resource; and to ensure the County is compliant with applicable state and federal laws. Ordinance No. 9424 (WPO) has discharge prohibitions, and requirements that vary depending on type of land use activity and location in the County. Ordinance No. 9426 is Appendix A of Ordinance No. 9424 (WPO) and sets out in more detail, by project category, what Dischargers must do to comply with the Ordinance and to receive permits for projects and activities that are subject to the Ordinance. Collectively, these regulations establish standards for projects to follow which intend to improve water quality from headwaters to the deltas of each watershed in the County. Each project subject to WPO is required to prepare a Storm water Management Plan that details a project's pollutant discharge contribution to a given watershed and propose BMPs or design measures to mitigate any impacts that may occur in the watershed.

c) Could the proposed project cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The Regional Water Quality Control Board has designated water quality objectives for waters of the San Diego Region as outlined in Chapter 3 of the Water Quality Control Plan (Plan). The water quality objectives are necessary to protect the existing and potential beneficial uses of each hydrologic unit as described in Chapter 2 of the Plan.

The project lies in the Rincon hydrologic subarea, within the San Luis Rey hydrologic unit, that has the following existing and potential beneficial uses for inland surface waters, coastal waters, reservoirs and lakes, and ground water: municipal and domestic supply; agricultural supply; industrial process supply; industrial service supply; freshwater replenishment; hydropower generation; contact water recreation; non-contact water recreation; warm freshwater habitat; cold freshwater habitat; wildlife habitat; marine habitat; migration of aquatic organisms; and, rare, threatened, or endangered species habitat.

The project proposes land disturbing activities and operation with associated pollutants. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed to reduce potential pollutants in runoff to the maximum extent practicable, such that the proposed project will not cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses: silt fence, fiber rolls, gravel bag berm, storm drain inlet protection, material delivery and storage, stockpile management, spill prevention and control, solid waste management, concrete waste management, stabilized construction entrance/exit, water conservation practices, paving and grinding operations, covering of slopes, minimize impervious footprint, conserve natural areas, drain impervious surfaces to landscaping, minimize cut and fill areas, collect concentrated flows, preserve significant trees, set back development from drainages, minimize compaction, reuse native soils, smart irrigation systems, and vegetated filter strip.

In addition, the proposed BMPs are consistent with regional surface water, storm water and groundwater planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result, the project will not contribute to a cumulatively considerable exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses. Refer to Section VIII., Hydrology and Water Quality, Question b, for more information on regional surface water and storm water planning and permitting process.

- d) 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)?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less than Significant Impact:** The project will obtain its water supply for the residences from the Valley Center Municipal Water District that obtains water from surface reservoirs or other imported water sources. The project site has an existing citrus orchard irrigated with groundwater from an on-site well. The subdivision will result in at least 17% of the citrus orchard being removed for house pad, driveways, and roads. This will result in a reduction in the amount of groundwater extracted and the project will not substantially deplete groundwater from the existing conditions. Therefore, impacts to groundwater resources are considered to be less than significant.

e) 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?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes 7 lot Residential Subdivision. As outlined in the Storm water Management Plan (SWMP) received August 1, 2008 and prepared by Robert O. Sukup, the project will implement site design measures, source control, Low Impact Development (LID) and/or treatment control BMP's to reduce potential pollutants, including sediment from erosion or siltation, to the maximum extent practicable from entering storm water runoff: These measures will control erosion and sedimentation and satisfy waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP). The SWMP specifies and describes the implementation process of all BMP's that will address equipment operation and materials management, LID, prevent the erosion process from occurring, and prevent sedimentation in any onsite and downstream drainage swales. The Department of Public Works will ensure that the Plan is implemented as proposed. Due to these factors, it has been found that the project will not result in significantly increased erosion or sedimentation potential and will not alter any drainage patterns of the site or area on- or off-site. In addition, because erosion and sedimentation will be controlled within the boundaries of the project, the project will not contribute to a cumulatively considerable impact. For further information on soil erosion refer to VI, Geology and Soils, Question b.

f) 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?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less than Significant:** The proposed project will not significantly alter established drainage patterns or significantly increase the amount of runoff for the following reasons, based on a Drainage Study prepared by Robert O. Sukup submitted March 10, 2008:

- a. Drainage will be designed to flow to either natural drainage channels or approved drainage facilities.

Therefore, the project will not 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. Moreover, the project will not contribute to a cumulatively considerable alteration or a drainage pattern or increase in the rate or amount of runoff, because the project will not substantially increase water surface elevation or runoff exiting the site, as detailed above.

- g) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project does not propose to create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems. Based on the Drainage Study prepared by Robert O. Sukup submitted March 10, 2008, proposed project storm water runoff can be adequately transported offsite by an existing or proposed storm water drainage facilities and discharges into existing 48-inch RCP culvert approximately 1,360 feet east of the project.

- h) Provide substantial additional sources of polluted runoff?

- |                                                         |                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
|---------------------------------------------------------|------------------------------------------------------------------|

Potentially Significant Unless Mitigation Incorporated

No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes the following potential sources of polluted runoff: 7 homes with driveways and a private road. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in runoff to the maximum extent practicable: silt fence, fiber rolls, gravel bag berm, storm drain inlet protection, material delivery and storage, stockpile management, spill prevention and control, solid waste management, concrete waste management, stabilized construction entrance/exit, water conservation practices, paving and grinding operations, covering of slopes, minimize impervious footprint, conserve natural areas, drain impervious surfaces to landscaping, minimize cut and fill areas, collect concentrated flows, preserve significant trees, set back development from drainages, minimize compaction, reuse native soils, smart irrigation systems, and vegetated filter strip. Refer to VIII Hydrology and Water Quality Questions a, b, c, for further information.

- i) 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, including County Floodplain Maps?

Potentially Significant Impact

Less than Significant Impact

Potentially Significant Unless Mitigation Incorporated

No Impact

Discussion/Explanation:

**No Impact:** No FEMA mapped floodplains, County-mapped floodplains or drainages with a watershed greater than 25 acres were identified on the project site [or off-site improvement locations]; therefore, no impact will occur.

- j) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

Potentially Significant Impact

Less than Significant Impact

Potentially Significant Unless Mitigation Incorporated

No Impact

Discussion/Explanation:

**No Impact:** No 100-year flood hazard areas were identified on the project site [or off-site improvement locations]; therefore, no impact will occur.

k) 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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site lies outside any identified special flood hazard area including a mapped dam inundation area for a major dam/reservoir within San Diego County. In addition, the project is not located immediately downstream of a minor dam that could potentially flood the property. Therefore, the project will not expose people to a significant risk of loss, injury or death involving flooding.

l) Inundation by seiche, tsunami, or mudflow?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

i. SEICHE

**No Impact:** The project site is not located along the shoreline of a lake or reservoir and therefore could not be inundated by a seiche.

ii. TSUNAMI

**No Impact:** The project site is located more than a mile from the coast, and therefore, in the event of a tsunami, would not be inundated.

iii. MUDFLOW

**No Impact:** Mudflow is type of landslide. The site is not located within a landslide susceptibility zone. Also, staff has determined that the geologic environment of the project area is not located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity. In addition, the project does propose land disturbance that will expose soils and the project is not located downstream from exposed soils within a landslide susceptibility zone. Therefore, it is not anticipated that the project will expose people or property to inundation due to a mudflow.

**IX. LAND USE AND PLANNING** -- Would the project:

a) Physically divide an established community?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not propose to introduce new infrastructure such as major roadways, water supply systems, or utilities to the area. Therefore, the proposed project will not significantly disrupt or divide the established community.

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?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project is subject to the Regional Land Use Element Policy for Estate Development Area and General Plan Land Use Designation (17) Estate Residential. The General Plan requires minimum gross parcel sizes of 2 or 4 acres depending upon slope. The proposed project has gross parcel sizes and density that are consistent with the General Plan. The project is subject to the policies of the Valley Center Community Plan, which requires 2-acre minimum parcel sizes. The proposed project is consistent with the policies of the Valley Center Community Plan. The current zone is A70 Limited Agriculture Use Regulations, which requires a net minimum lot size of 2 acres. The proposed project is consistent with the Zoning Ordinance requirements for minimum lot size.

**X. 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?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The lands within the project site do not have a Mineral Land Classification from the California Department of Conservation – Division of Mines and Geology (Update of Mineral Land Classification: Aggregate Materials in the Western San Diego Production-Consumption Region, 1997). Though the site is located within an alluvial river valley that has a significant source of replenishment, the site is entirely encompassed by residential development which would preclude the ability to effectively excavate the site without adverse impacts to the environment. Therefore, there is no significant loss of availability of a known mineral resource of value to the region and the residents of the state.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site is zoned A70 (Limited Agriculture), which is not considered to be an Extractive Use Zone (S-82) nor does it have an Impact Sensitive Land Use Designation (24) with an Extractive Land Use Overlay (25) (County Land Use Element, 2000).

**XI. 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?

- |                                                                                            |                                                       |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                                    | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

Discussion/Explanation:

**Potentially Significant Unless Mitigation Incorporated:**

The project is a seven lot subdivision that will be occupied by residential use located in the Valley Center Planning Area. Based on an in-house noise review the project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable standards for the following reasons:

General Plan – Noise Element: The project is located next to Fruitvale Road, a 2-lane Circulation Element road classified as a Rural Collector, which could produce noise impacts on the subject property. The County of San Diego General Plan, Noise Element, Policy 4b addresses noise sensitive areas and requires an acoustical study to be prepared for any use that may expose noise sensitive areas to noise in excess of a Community Noise Equivalent Level (CNEL) of 60 decibels (dBA). Moreover, if the project is excess of CNEL 60 dB(A), modifications must be made to the project to reduce noise levels. Noise sensitive areas include residences, hospitals, schools, libraries or similar facilities where quiet is an important attribute. Project implementation is not expected to expose existing or planned noise sensitive areas to road, airport, heliport, railroad, industrial or other noise in excess of the CNEL 60 dB(A). This is based on staff's review of projected County noise contour maps (CNEL 60 dB(A) contours) and/or review by County Noise Specialist Emmet Aquino on December 15, 2008. Staff recommends a noise protection easement dedication to ensure any future noise sensitive land uses proposed within the 80 feet from the Fruitvale Road centerline will comply with the County Noise Element. Therefore, the project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, Noise Element.

#### Noise Ordinance – Section 36-404

Non-transportation noise generated by the project is not expected to exceed the standards of the County of San Diego Noise Ordinance (Section 36-404) at or beyond the project's property line. The site is zoned A70 that has a one-hour average daytime sound limit of 50 dBA. Based on review by County Noise Specialist Emmet Aquino on December 15, 2008 the project's noise levels are not anticipated to impact adjoining properties or exceed County Noise Standards because the project does not involve any noise producing equipment that would exceed applicable noise levels at the adjoining property line.

#### Noise Ordinance – Section 36-410

The project will not generate construction noise that may exceed the standards of the County of San Diego Noise Ordinance (Section 36-410). Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, It is not anticipated that the project will operate construction equipment in excess of an average sound level of 75dB between the hours of 7 AM and 7 PM.

Finally, the project's conformance to the County of San Diego General Plan (Noise Element, Policy 4b ) and County of San Diego Noise Ordinance (Section 36-404 and 36.410) ensures the project will not create cumulatively considerable noise impacts, because the project will not exceed the local noise standards for noise sensitive areas; and the project will not exceed the applicable noise level limits at the property line or construction noise limits, derived from State regulation to address human health and quality of life concerns. Therefore, the project will not contribute to a cumulatively considerable exposure of persons or generation of noise levels in excess of standards

established in the local general plan, noise ordinance, and applicable standards of other agencies.

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

- |                                                                                    |                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                            | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less than Significant Impact with Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes residences where low ambient vibration is essential for interior operation and/or sleeping conditions. However, the residences will be setback 80 feet from any County Circulation Element (CE) roadway using rubber-tired vehicles with projected groundborne noise or vibration contours of 38 VdB or less; any property line for parcels zoned industrial or extractive use; or any permitted extractive uses. A setback of 50 feet from the roadway centerline for heavy-duty truck activities would insure that these proposed uses or operations do not have any chance of being impacted significantly by groundborne vibration or groundborne noise levels (Harris, Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment* 1995, Rudy Hendriks, *Transportation Related Earthborne Vibrations* 2002). This setback insures that this project site will not be affected by any future projects that may support sources of groundborne vibration or groundborne noise related to the adjacent roadways.

Also, the project does not propose any major, new or expanded infrastructure such as mass transit, highways or major roadways or intensive extractive industry that could generate excessive groundborne vibration or groundborne noise levels and impact vibration sensitive uses in the surrounding area.

Therefore, the project will not expose persons to or generate excessive groundborne vibration or groundborne noise levels on a project or cumulative level.

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

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project involves the following permanent noise sources that may increase the ambient noise level: Vehicle traffic traveling on nearby roadways and residential activities associated with residential subdivisions. As indicated in the response listed under Section XI Noise, Question a., the project would not expose existing or planned noise sensitive areas in the vicinity to a substantial permanent increase in noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable local, State, and Federal noise control. Also, the project is not expected to expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels based on review of the project by County staff. Studies completed by the Organization of Industry Standards (ISO 362; ISO 1996 1-3; ISO 3095; and ISO 3740-3747) state an increase of 10 dB is perceived as twice as loud and is perceived as a significant increase in the ambient noise level.

The project will not result in cumulatively noise impacts because a list of past, present and future projects within in the vicinity were evaluated. It was determined that the project in combination with a list of past, present and future project would not expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

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

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project does not involve any uses that may create substantial temporary or periodic increases in ambient noise levels in the project vicinity including but not limited to extractive industry; outdoor commercial or industrial uses that involve crushing, cutting, drilling, grinding, or blasting of raw materials; truck depots, transfer stations or delivery areas; or outdoor sound systems.

Also, general construction noise is not expected to exceed the construction noise limits of the County of San Diego Noise Ordinance (Section 36-410), which are derived from State regulations to address human health and quality of life concerns. Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, it is not anticipated that the project will operate construction equipment in excess of 75 dB for more than an 8 hours during a 24-hour period. Therefore, the project would not result in a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports or within 2 miles of a public airport or public use airport. Therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is not located within a one-mile vicinity of a private airstrip; therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

**XII. POPULATION AND HOUSING** -- Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes the addition of 7 single-family residences on parcels without current improvements. However, this activity will not

induce substantial population growth in an area because the project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but limited to the following: significantly new or extended infrastructure or public facilities; new commercial or industrial facilities; accelerated conversion of single-family residences to commercial or multi-family use; or regulatory changes including General Plan amendments, specific plan amendments, zone reclassifications, sewer or water annexations; or LAFCO annexation actions.

b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project will not displace any existing housing since the site is currently vacant. The addition of 7 dwelling units will yield a net gain of available housing.

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project will not displace a substantial number of people since the site is currently vacant.

**XIII. PUBLIC SERVICES**

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 service ratios, response times or other performance objectives for any of the public services:

- i. Fire protection?
- ii. Police protection?
- iii. Schools?

- iv. Parks?
- v. Other public facilities?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on the service availability forms received for the project, the proposed project will not result in the need for significantly altered services or facilities. Service availability forms have been provided which indicate existing services are available to the project from the following agencies/districts: Valley Center-Pauma Unified School District, Valley Center Municipal Water District, Valley Center Fire Protection District. The project does not involve the construction of new or physically altered governmental facilities including but not limited to fire protection facilities, sheriff facilities, schools, or parks in order to maintain acceptable service ratios, response times or other performance service ratios or objectives for any public services. Therefore, the project will not have an adverse physical effect on the environment because the project does not require new or significantly altered services or facilities to be constructed.

**XIV. 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?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project involves a residential subdivision that will increase the use of existing neighborhood and regional parks or other recreational facilities. To avoid substantial physical deterioration of local recreation facilities the project will be required to pay fees or dedicate land for local parks to the County pursuant to the Park Land Dedication Ordinance (PLDO). The Park Land Dedication Ordinance (PLDO) is the mechanism that enables the funding or dedication of local parkland in the County. The PLDO establishes several methods by which developers may satisfy their park requirements. Options include the payment of park fees, the dedication of a public park, the provision of private recreational facilities, or a combination of these methods. PLDO funds must be used for the acquisition, planning, and development of local parkland and recreation facilities. Local parks are intended to

serve the recreational needs of the communities in which they are located. The proposed project opts to pay park fees. Therefore, the project meets the requirements set forth by the PLDO for adequate parkland dedication and thereby reducing impacts, including cumulative impacts to local recreational facilities. The project will not result in significant cumulative impacts, because all past, present and future residential projects are required to comply with the requirements of PLDO.

There is an existing surplus of County Regional Parks. Currently, there is over 21,765 acres of regional parkland owned by the County, which far exceeds the General Plan standard of 15 acres per 1,000 population. In addition, there are over one million acres of publicly owned land in San Diego County dedicated to parks or open space including Federal lands, State Parks, special districts, and regional river parks. Due to the extensive surplus of existing publicly owned lands that can be used for recreation the project will not result in substantial physical deterioration of regional recreational facilities or accelerate the deterioration of regional parkland. Moreover, the project will not result any cumulatively considerable deterioration or accelerated deterioration of regional recreation facilities because even with all past, present and future residential projects a significant surplus of regional recreational facilities will remain.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, the construction or expansion of recreational facilities cannot have an adverse physical effect on the environment.

**XV. TRANSPORTATION/TRAFFIC** -- Would the project:

a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less than Significant Impact:** The proposed project will result in an additional 84 ADT. The project was reviewed by DPW and was determined not to result in a substantial increase in the number of vehicle trips, volume of capacity ratio on roads, or congestion at intersections in relation to existing conditions for the following reasons: The adjacent roads are operating at a level of service "C" or better. However, the project will not have a significant direct project impact on traffic volume, which is considered substantial in relation to existing traffic load and capacity of the street system.

- b) Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency for designated roads or highways?

- |                                                                                            |                                                       |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                                    | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

## Discussion/Explanation:

**Less than Significant Impact:** The County of San Diego has developed an overall programmatic solution that addresses existing and projected future road deficiencies in the unincorporated portion of San Diego County. This program commits the County to construct additional capacity on identified Circulation Element roadways and includes the adoption of a Transportation Impact Fee (TIF) program to fund improvements to roadways necessary to mitigate potential cumulative impacts caused by traffic from future development. This program is based on a summary of projections method contained in the County of San Diego Transportation Impact Fee Report dated January 2005, and amended in February 2008. This document is considered an adopted planning document which meets the definition referenced in the State CEQA Guidelines Section 15130 (b)(1)(B), which evaluates regional or area wide conditions contributing to cumulative transportation impacts. Based on SANDAG regional growth and land use forecasts, the SANDAG Regional Transportation Model was utilized to analyze projected build-out (year 2030) development conditions on the existing circulation element roadway network throughout the unincorporated area of the County. Based on the results of the traffic modeling, public and private funding necessary to construct transportation facilities that will mitigate cumulative impacts from new development was identified. Existing roadway deficiencies will be corrected through improvement projects funded by public funding sources, such as TransNet, gas tax, and grants. Potential cumulative impacts to the region's freeways have been addressed in SANDAG's Regional Transportation Plan (RTP). This plan, which considers freeway buildout over the next 30 years, will use funds from TransNet, state, and federal funding to improve freeways to projected level of service objectives in the RTP.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is located outside of an Airport Master Plan Zone and is not adjacent to any public or private airports; therefore, the project will not result in a change in air traffic patterns.

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

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project will not significantly alter traffic safety on Fruitvale Road. The owner will provide evidence that there is a minimum unobstructed sight distance in both directions along Fruitvale Road from the proposed access, Duffwood Lane, for the prevailing operating speed of traffic on Fruitvale Road, to the satisfaction of the Director of the Department of Public Works. All road improvements will be constructed according to the County of San Diego Public and Private Road Standards. Roads used to access the proposed project site are up to County standards. The proposed project will not place incompatible uses (e.g., farm equipment) on existing roadways. Therefore, the proposed project will not significantly increase hazards due to design features or incompatible uses.

e) Result in inadequate emergency access?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project will not result in inadequate emergency access. The project is not served by a dead-end road that exceeds the maximum cumulative length permitted by the Consolidated Fire Code for the 17 Fire Protection Districts in San Diego County. The Valley Center Fire Protection District has reviewed the proposed project and has determined that there is adequate emergency fire access. Additionally, roads used will be required to be improved to County standards. Therefore, the project has adequate emergency access.

f) Result in inadequate parking capacity?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The Zoning Ordinance Section 6758 Parking Schedule requires two on-site parking spaces for each dwelling unit. The proposed lots have sufficient area to provide at least two on-site parking spaces consistent with the Zoning Ordinance.

g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project does not propose any hazards or barriers for pedestrians or bicyclists. Any required improvements will be constructed to maintain existing conditions as it relates to pedestrians and bicyclists. The project does not conflict with any adopted alternative transportation policies.

**XVI. UTILITIES AND SERVICE SYSTEMS** -- Would the project:

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

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves 7 septic systems located on 7 lots. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained." The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division's, "On-site Wastewater Systems: Permitting Process and Design Criteria." DEH approved the project's OSWS on March 28, 2008. Therefore, the project is consistent with the wastewater treatment requirements of the RWQCB as determined by the authorized, local public agency.

- 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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not include new or expanded water or wastewater treatment facilities. In addition, the project does not require the construction or expansion of water or wastewater treatment facilities. Therefore, the project will not require any construction of new or expanded facilities, which could cause significant environmental effects.

- c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:**

The project involves new storm water drainage facilities. The new facilities include a vegetated filter strip and gravel infiltration basin. Refer to the Storm Water Management Plan dated August 1, 2008 for more information. However, as outlined in this Environmental Analysis Form Section I-XVII, the new facilities will not result in adverse physical effect on the environment.

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

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project requires water service from the Valley Center Municipal Water District. A Service Availability Letter from the Valley Center Municipal Water District has been provided, indicating adequate water resources and entitlements are available to serve the requested water resources for the residences. Therefore, the project will have sufficient water supplies available to serve the project. The project will continue to use groundwater for a citrus orchard. No additional entitlements are necessary from the water district for this use.

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?

- |                                                                                 |                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project will rely completely on an on-site wastewater system (septic system); therefore, the project will not interfere with any wastewater treatment provider's service capacity.

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Mitigation Incorporated

## Discussion/Explanation:

**Less Than Significant Impact:** Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). There are five, permitted active landfills in San Diego County with remaining capacity. Therefore, there is sufficient existing permitted solid waste capacity to accommodate the project's solid waste disposal needs.

g) Comply with federal, state, and local statutes and regulations related to solid waste?

- |                                                                                 |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). The project will deposit all solid waste at a permitted solid waste facility and therefore, will comply with Federal, State, and local statutes and regulations related to solid waste.

**XVII. MANDATORY FINDINGS OF SIGNIFICANCE:**

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially 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?

- |                                                         |                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
|---------------------------------------------------------|------------------------------------------------------------------|

- Potentially Significant Unless Mitigation Incorporated       No Impact

Discussion/Explanation:

**Less Than Significant Impact:** Per the instructions for evaluating environmental impacts in this Initial Study, 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 were considered in the response to each question in sections IV and V of this form. In addition to project specific impacts, this evaluation considered the projects potential for significant cumulative effects. There is no substantial evidence that there are biological or cultural resources that are affected or associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

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)?

- Potentially Significant Impact       Less than Significant Impact  
 Potentially Significant Unless Mitigation Incorporated       No Impact

Discussion/Explanation:

The following list of past, present and future projects were considered and evaluated as a part of this Initial Study:

PROJECT NAME	PERMIT/MAP NUMBER
SPRINT SYLVESTER FEICHTINGER	ZAP 01-018
EIVISON	TPM 20438
15791 FRUITVALE RD	TPM 20661
BANNOCK	TPM 19397
PARADISE RANCH ESTATES	TM 5272
UY4600	TPM 20707
LORING ZAP 2ND DWELLING	ZAP 01-007
JANA LANE - GAUGHAN	TPM 20659 and AD 02-026
BARBARA M. JARVIS	TPM 20462
STEHLY TPM	TPM 20689

NOEL STEHLY	TPM 20690
SUNDANCE RANCH	TM 5403 and AD 05-055
LAGUS TENTATIVE PARCEL MAP	TPM 20966
TAM, TPM, 2 LOTS	TPM 21002
LRC LAND DEVELOPMENT PAA	GPA/PAA 07-001
VIA SALVADOR, TPM, 2 LOTS	TPM 21086
BEERS, TPM, 2 LOTS	TPM 21106

Per the instructions for evaluating environmental impacts in this Initial Study, the potential for adverse cumulative effects were considered in the response to each question in sections I through XVI of this form. In addition to project specific impacts, this evaluation considered the projects potential for incremental effects that are cumulatively considerable. As a result of this evaluation, there are potential cumulative traffic effects associated with this project. Payment of the TIF will provide mitigation for cumulative traffic impacts. As a result of this evaluation, there is no substantial evidence that, after mitigation, there are cumulatively considerable adverse effects associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

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

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

**Less than Significant with Mitigation Incorporated:** In the evaluation of environmental impacts in this Initial Study, the potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in sections I. Aesthetics, III. Air Quality, VI. Geology and Soils, VII. Hazards and Hazardous Materials, VIII Hydrology and Water Quality XI. Noise, XII. Population and Housing, and XV. Transportation and Traffic. As a result of this evaluation, there were determined to be potentially significant effects to human beings related to noise and fire safety. However, mitigation has been included that clearly reduces these effects to a level below significance. This mitigation includes an 80' noise protection easement, 5 fire hydrants, limits on length of dead-end roads, cul-de sacs with a minimum of 36' radius, and fire clearing of 100' around structures. In addition, the project will be required to annex into the Valley Center Fire Protection District Community Facilities District to fund the eventual construction of a new fire station. As a result of this evaluation, there is no substantial evidence that, after mitigation, there are adverse effects to human beings associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

## VIII. REFERENCES USED IN THE COMPLETION OF THE INITIAL STUDY CHECKLIST

All references to Federal, State and local regulation are available on the Internet. For Federal regulation refer to <http://www4.law.cornell.edu/uscode/>. For State regulation refer to [www.leginfo.ca.gov](http://www.leginfo.ca.gov). For County regulation refer to [www.amlegal.com](http://www.amlegal.com). All other references are available upon request.

### EXTENDED STUDIES

- James Chagala of James Chagala and Associates, Agricultural Analysis, dated March 25, 2007, and submitted to the County on April 19, 2007.
- Brian Smith of Brian F. Smith & Associates, "A Phase I Archaeological Assessment of the Rabbit Run Project," dated March 13, 2007 and submitted to the County on April 19, 2007.
- William T. Everett of Everett and Associates, Biological Resources and Wetland Survey Letter Report, dated April 9, 2007 and submitted to the County on April 19, 2007.
- Robert O. Sukup, Storm Water Management Plan (SWMP), submitted August 1, 2008.
- Robert O. Sukup, Drainage Study, submitted March 10, 2008.
- Lamont Landis Consulting, Fire Protection Plan, dated "revised October 1, 2008" and submitted October 9, 2008.

### AESTHETICS

- California Street and Highways Code [California Street and Highways Code, Section 260-283. (<http://www.leginfo.ca.gov>)
- California Scenic Highway Program, California Streets and Highways Code, Section 260-283. (<http://www.dot.ca.gov/hq/LandArch/scenic/scpr.htm>)
- County of San Diego, Department of Planning and Land Use. The Zoning Ordinance of San Diego County. Sections 5200-5299; 5700-5799; 5900-5910. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))
- County of San Diego, Board Policy I-73: Hillside Development Policy. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))
- County of San Diego, Board Policy I-104: Policy and Procedures for Preparation of Community Design Guidelines, Section 396.10 of the County Administrative Code and Section 5750 et seq. of the County Zoning Ordinance. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))
- County of San Diego, General Plan, Scenic Highway Element VI and Scenic Highway Program. ([ceres.ca.gov](http://ceres.ca.gov))
- County of San Diego Light Pollution Code, Title 5, Division 9 (Sections 59.101-59.115 of the County Code of Regulatory Ordinances) as added by Ordinance No 6900, effective January 18, 1985, and amended July 17, 1986 by Ordinance No. 7155. ([www.amlegal.com](http://www.amlegal.com))

- County of San Diego Wireless Communications Ordinance [San Diego County Code of Regulatory Ordinances. ([www.amlegal.com](http://www.amlegal.com))
- Design Review Guidelines for the Communities of San Diego County. (Alpine, Bonsall, Fallbrook, Julian, Lakeside, Ramona, Spring Valley, Sweetwater, Valley Center).
- Federal Communications Commission, Telecommunications Act of 1996 [Telecommunications Act of 1996, Pub. LA. No. 104-104, 110 Stat. 56 (1996). (<http://www.fcc.gov/Reports/tcom1996.txt>)
- Institution of Lighting Engineers, Guidance Notes for the Reduction of Light Pollution, Warwickshire, UK, 2000 (<http://www.dark-skies.org/ile-gd-e.htm>)
- International Light Inc., Light Measurement Handbook, 1997. ([www.intl-light.com](http://www.intl-light.com))
- Rensselaer Polytechnic Institute, Lighting Research Center, National Lighting Product Information Program (NLPPI), Lighting Answers, Volume 7, Issue 2, March 2003. ([www.lrc.rpi.edu](http://www.lrc.rpi.edu))
- US Census Bureau, Census 2000, Urbanized Area Outline Map, San Diego, CA. (<http://www.census.gov/geo/www/maps/ua2kmaps.htm>)
- US Department of the Interior, Bureau of Land Management (BLM) modified Visual Management System. ([www.blm.gov](http://www.blm.gov))
- US Department of Transportation, Federal Highway Administration (FHWA) Visual Impact Assessment for Highway Projects.
- US Department of Transportation, National Highway System Act of 1995 [Title III, Section 304. Design Criteria for the National Highway System. (<http://www.fhwa.dot.gov/legregs/nhsdatoc.html>)

### AGRICULTURE RESOURCES

- California Department of Conservation, Farmland Mapping and Monitoring Program, "A Guide to the Farmland Mapping and Monitoring Program," November 1994. ([www.consrv.ca.gov](http://www.consrv.ca.gov))
- California Department of Conservation, Office of Land Conversion, "California Agricultural Land Evaluation and Site Assessment Model Instruction Manual," 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))
- California Farmland Conservancy Program, 1996. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Land Conservation (Williamson) Act, 1965.  
([www.ceres.ca.gov](http://www.ceres.ca.gov), [www.consrv.ca.gov](http://www.consrv.ca.gov))

California Right to Farm Act, as amended 1996.  
([www.qp.gov.bc.ca](http://www.qp.gov.bc.ca))

County of San Diego Agricultural Enterprises and Consumer Information Ordinance, 1994, Title 6, Division 3, Ch. 4. Sections 63.401-63.408. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Department of Agriculture, Weights and Measures, "2002 Crop Statistics and Annual Report," 2002. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

United States Department of Agriculture, Natural Resource Conservation Service LESA System.  
([www.nrcs.usda.gov](http://www.nrcs.usda.gov), [www.swcs.org](http://www.swcs.org)).

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

#### AIR QUALITY

CEQA Air Quality Analysis Guidance Handbook, South Coast Air Quality Management District, Revised November 1993. ([www.aqmd.gov](http://www.aqmd.gov))

County of San Diego Air Pollution Control District's Rules and Regulations, updated August 2003. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Clean Air Act US Code; Title 42; Chapter 85 Subchapter 1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

#### BIOLOGY

California Department of Fish and Game (CDFG). Southern California Coastal Sage Scrub Natural Community Conservation Planning Process Guidelines. CDFG and California Resources Agency, Sacramento, California. 1993. ([www.dfg.ca.gov](http://www.dfg.ca.gov))

County of San Diego, An Ordinance Amending the San Diego County Code to Establish a Process for Issuance of the Coastal Sage Scrub Habitat Loss Permits and Declaring the Urgency Thereof to Take Effect Immediately, Ordinance No. 8365. 1994, Title 8, Div 6, Ch. 1. Sections 86.101-86.105, 87.202.2. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Biological Mitigation Ordinance, Ord. Nos. 8845, 9246, 1998 (new series). ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

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County of San Diego, Multiple Species Conservation Program, County of San Diego Subarea Plan, 1997.

Holland, R.R. Preliminary Descriptions of the Terrestrial Natural Communities of California. State of California, Resources Agency, Department of Fish and Game, Sacramento, California, 1986.

Memorandum of Understanding [Agreement Between United States Fish and Wildlife Service (USFWS), California Department of Fish and Game (CDFG), California Department of Forestry and Fire Protection (CDF), San Diego County Fire Chief's Association and the Fire District's Association of San Diego County.

Stanislaus Audubon Society, Inc. v County of Stanislaus (5<sup>th</sup> Dist. 1995) 33 Cal.App.4<sup>th</sup> 144, 155-159 [39 Cal. Rptr.2d 54]. ([www.ceres.ca.gov](http://www.ceres.ca.gov))

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#### CULTURAL RESOURCES

California Health & Safety Code. §18950-18961, State Historic Building Code. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §5020-5029, Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §7050.5, Human Remains. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

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California Public Resources Code. §5031-5033, State Landmarks. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

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California Department of Conservation, Division of Mines and Geology, Fault-Rupture Hazard Zones in California, Special Publication 42, revised 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

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