

INITIAL STUDY

Environmental Checklist and Evaluation for the County of Santa Clara

File Number:	PLN19-0227	Date: November 10, 2020
Project Type:	Subdivision	APN(s): 825-09-007
Project Location / Address:	13875 Murphy Ave, San Martin, CA	GP Designation: Rural Residential
Owner's Name:	MH Engineering	Zoning: RR-5ac.
Applicant's Name:	Hannah and Brunetti	Urban Service Area: NONE
Project Description		
<p>Proposed two-lot Subdivision of a 12.5 gross acre site into two parcels (Parcel 1 5.69 gross, Parcel 2 6.81 gross) located at 13875 Murphy Ave, San Martin, CA within the RR-5ac (Rural Residential 5 acre) zoning district. Per County Ordinance, approval of the subdivision will grant Building Site Approval on both lots being created. Conceptual building sites have been shown on the tentative map showing future development that would include single-family residences, secondary living units, driveways, fire truck turnarounds, leach fields and landscaping on each lot. The existing residence would remain on Parcel 2. The future residences would be served by on-site wastewater systems and a shared well for potable water with an Agricultural Well for non-potable water. Conceptual grading quantities associated with the future building site improvements on both lots may require individual grading permits prior to obtaining building permits. Conceptual quantities are 121 cubic yards of total cut and 388 cubic yards of total fill for Parcel A and 198 cubic yards of total cut and 273 cubic yards of total fill for Parcel B. Small shrubs and non-ordinance sized trees would be removed.</p>		
Environmental Setting and Surrounding Land Uses		
<p>The 12.5-acre acre site is located on Murphy Avenue, within the unincorporated community of San Martin in southern Santa Clara County. The site is currently developed with a single-family residence and associated improvements. Llagas Creek approximately bisects the site to the rear of the proposed residences. The property is relatively flat, (average slope of 5%), and is characterized by residential development, native grasslands and a creek with riparian vegetation. The subject property is not under a Williamson Act Contract.</p>		
Other agencies sent a copy of this document:		
Morgan Hill Unified School District		

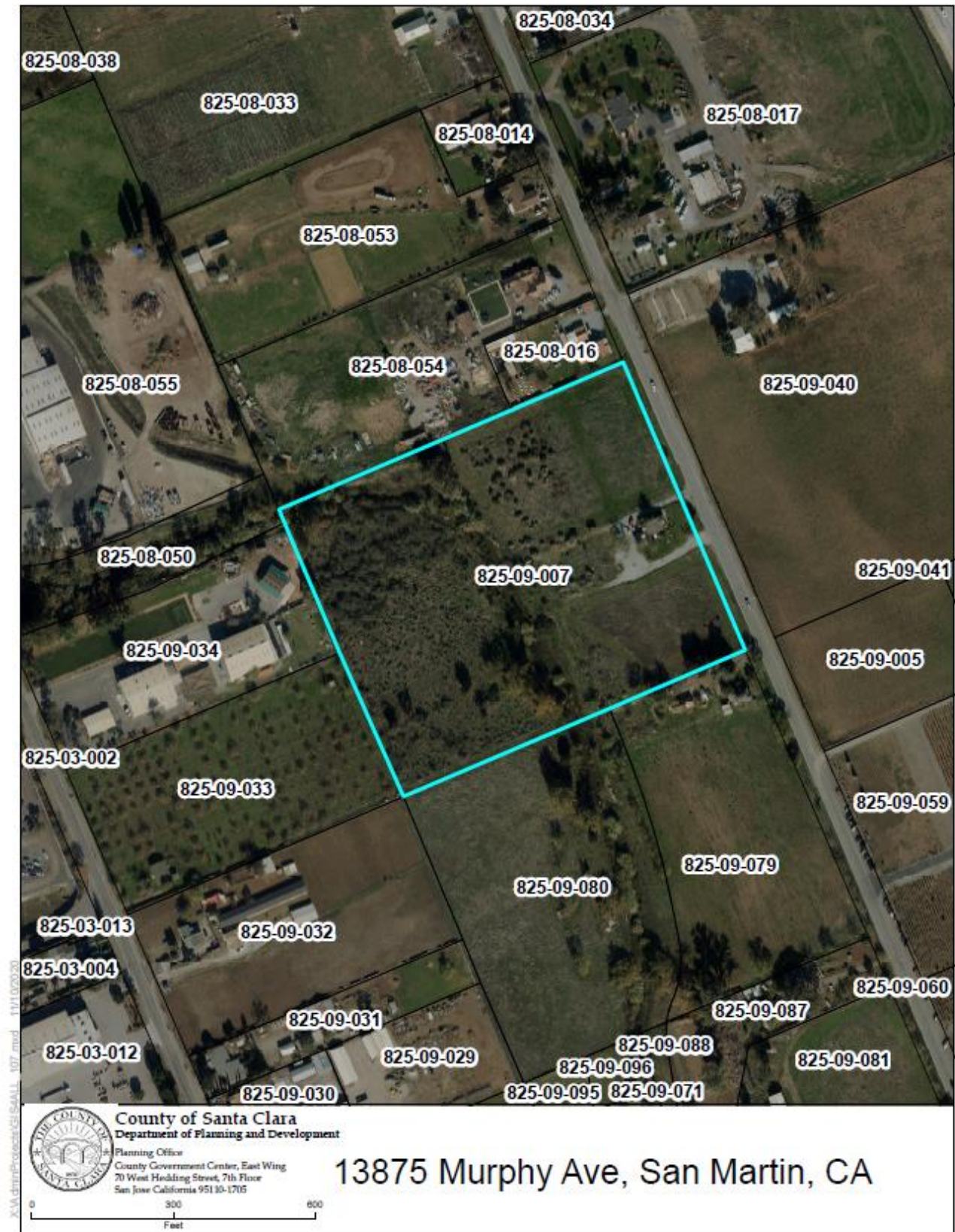


Figure 1 – Location Map

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.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The proposed project could potentially result in one or more environmental effects in the following areas:

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

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☒ I find that the proposed project COULD NOT have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- ☐ I find 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.
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.
- ☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on the attached sheets. An **ENVIRONMENTAL IMPACT REPORT** is required, but it must analyze only the effects that remain to be addressed.

Signature



11/12/20
Date

Mark J Connolly
Printed name

For

ENVIRONMENTAL CHECKLIST AND DISCUSSION OF IMPACTS

A. AESTHETICS							
	IMPACT						
Except as provided in Public Resources Code section 21099, would the project:	<u>Potentially Significant Impact</u>	<u>Less Than Significant with Mitigation Incorporated</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>	<u>Analyzed in the Prior EIR</u>	<u>Substantially Mitigated by Uniformly Applicable Development Policies</u>	Source
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,3,4, 6,17f
b) Substantially damage scenic resources, including, but not limited to, trees, rocks, outcroppings, and historic buildings, along a designated scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 6,7 17f
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,3
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,4

SETTING:

The project site is located in a valley floor setting and is mostly flat with an average slope of approximately 5%. The property was formerly used as farmland but is currently developed with a single-family residence and associated improvements. Llagas Creek runs along the width of the property, but no development is located near the creek. There are no designated scenic highways in the project vicinity.

DISCUSSION:

a, b, c and d) No Impact. The project is a 2-lot subdivision. The existing residence is proposed to remain on the resulting Parcel 2. No residence is proposed with the subdivision for Parcel 1. No subdivision improvements are proposed. The future single-family residence on Parcel 1 will require frontage improvements and a driveway. Accessory Dwelling Units (ADU's) and accessory structures could be developed on the lots in the future as well. The site is not located within a Design Review district or along a designated scenic road. Therefore, the project could not have a substantial adverse effect on a scenic vista or substantially degrade the existing visual character or quality of public views of the site and its surroundings. The nearest designated scenic highway is US 101, however, it is not within the project vicinity, as it is almost one mile away.

The existing and future single-family residences would not create adverse visual impacts as they would meet the standards for height, setback, and coverage requirements of the Rural Residential zoning district. New sources of light and glare would be limited to existing residential lighting and future residential development on parcel 2. Given the limited nature of residential outdoor lighting (e.g., illumination of pathways and doors) and the fact that the area is suburban, the proposed project would not create a new source of substantial light or glare which would adversely affect day or nighttime views in the area

MITIGATION: None required.

B. AGRICULTURE / FOREST RESOURCES							
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.							
WOULD THE PROJECT:	IMPACT						Source
	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,23,24,26
b) Conflict with existing zoning for agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9,21a
c) Conflict with an existing Williamson Act Contract or the County's Williamson Act Ordinance (Section C13 of County Ordinance Code)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 28
e) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32

SETTING:

The 12.5-acre site is zoned RR-5ac, which is a base zoning designation of Rural Residential with a five-acre minimum lot size for creation. According to the Farmland Mapping and Monitoring Program maps from the California Department of Conservation. The property is identified as “Grazing Lands”.

DISCUSSION:

(a,b,) Less Than Significant Impact. The project is a two-lot subdivision. Future residential development could result in two single family residences (one new). an ADU and JADU with associated site improvements. The project would not affect existing agricultural operations on surrounding properties. The property is not under a Williamson Act contract and contains no forest resources.

(c,d,e,) No Impact. The property is identified as “Grazing Lands” and contains no Important Farmland. Therefore, the project could not result in the conversion of Prime Farmland. The property is not under a Williamson Act contract. There are no forest resources on the project site.

MITIGATION:

None required.

C. AIR QUALITY							
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.							
WOULD THE PROJECT:	IMPACT						Source
	<u>Potentially Significant Impact</u>	<u>Less Than Significant with Mitigation Incorporated</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>	<u>Analyzed in the Prior EIR</u>	<u>Substantially Mitigated by Uniformly Applicable Development Policies</u>	
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5,29, 30
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5,29, 30
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5,29, 30
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5, 29, 30

SETTING:

The proposed project is located within the San Francisco Bay Area Air Quality Management District (BAAQMD), which regulates air pollutants, including those that may be generated by construction and operation of development projects. These so-called criteria pollutants include reactive organic gases, carbon monoxide, nitrogen dioxide, and particulate matter (PM). BAAQMD also regulates toxic air contaminants (fine particulate matter), long-term exposure to which is linked with respiratory conditions and increased risk of cancer. Major sources of toxic air contaminants in the Bay Area include major automobile and truck transportation corridors (e.g., freeways and expressways) and stationary sources (e.g. factories, refineries, power plants).

DISCUSSION:**a-d) No Impact.**

Construction and operation of residential uses enabled by approval of the subdivision would generate emissions of oxides of nitrogen (NO_x), reactive organic gases (ROG), and respirable particulate matter with an aerodynamic resistance diameter of 10 micrometers or less (PM₁₀). BAAQMD has developed screening criteria for these criteria pollutants and precursors derived using the default assumptions used by the Urban Land Use Emissions Model (URBEMIS). If all the screening criteria are met by a proposed project, then the lead agency or applicant would not need to perform a detailed air quality assessment of their project's air pollutant emissions.

The operational criteria pollutant screening size for single-family residential projects established by BAAQMD is 325 dwelling units. The construction-related screening level is 56 dwelling units. As this is a proposed two-lot subdivision, with the potential for construction of six dwelling units (two primary and two accessory dwelling units (ADU) and 2 Junior ADU's), future home development would be well below either of these screening levels. Therefore, the proposed subdivision would not lead to a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment. Residential development is not a land use that would result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

MITIGATION:

None Required

D. BIOLOGICAL RESOURCES							
	IMPACT						
WOULD THE PROJECT:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	Source
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 7, 17b, 17o
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,7, 8a, 17b, 17e, 22d, 22e, 33
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 7, 17n, 33
d) Have a substantial adverse effect on oak woodland habitat as defined by Oak Woodlands Conservation Law (conversion/loss of oak woodlands) – Public Resource Code 21083.4?							1, 3, 31, 32
e) 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,7, 17b, 17o
f) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32
g) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,4, 17l

SETTING:

The project site is located in the valley floor of the community of San Martin in an area of small-scale farming and rural residential development. Llagas Creek crosses the rear half of the property, which contains some riparian vegetation. The site is located in the Santa Clara Valley Habitat Plan (SCVHP) Area, but the parcel is designated *Rural Development Not Covered*. The land cover is designated as Grain, Row-crop, Hay and Pasture, Disked / Short-term Fallowed.

DISCUSSION:

a, b, c, d, e & f) No Impact. Landcover on the project site consists of developed agriculture, coyote brush shrub, and willow riparian forest and scrub. The SCVHP considers willow riparian forest and scrub to be a sensitive land cover. However, this habitat type is confined to the riparian corridor of Llagas Creek, where development would be restricted by streamside buffers. No development would occur within 30 feet of the top of bank of the creek or edge of riparian vegetation per requirements of the Central Coast Regional Water Quality Board, which have been incorporated into the County's clean water ordinance code (Division B11.5). Also, only the leachfields would be located with the 150-foot buffer from the top of bank, which is a County of Santa Clara General Plan policy. Therefore, the proposed project would not have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species or on state or federally protected wetlands or oak woodlands. Llagas Creek may provide a corridor for wildlife passage. However, any development would occur outside the stream buffer; therefore, wildlife usage of the corridor would not be impeded. Although the project site is within the SCVHP area, it is not a covered project (Area 3: Rural Development Not Covered). Therefore, the project would not conflict with the provisions of an adopted Habitat Conservation Plan.

MITIGATION: None required.

E. CULTURAL RESOURCES							
WOULD THE PROJECT:	IMPACT						Source
	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5 of the CEQA Guidelines, or the County's Historic Preservation Ordinance (Division C17 of County Ordinance Code) – including relocation, alterations or demolition of historic resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 16, 19, 40, 41
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5 of the CEQA Guidelines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 19, 40, 41

E. CULTURAL RESOURCES							
WOULD THE PROJECT:	IMPACT						Source
	Potentially Significant Impact	<u>Less Than Significant with Mitigation Incorporated</u>	<u>Less Than Significant Impact</u>	No Impact	<u>Analyzed in the Prior EIR</u>	<u>Substantially Mitigated by Uniformly Applicable Development Policies</u>	
c) Disturb any human remains including, those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 19, 40, 41

SETTING:

The site is developed with one single-family residence and associated improvements. Llagas Creek crosses along the rear half of the property.

DISCUSSION:

a, b, c, d) No Impact. The has no structures listed on local, State, or Federal historic inventories. There are no cultural resources listed in the County Historic Resources Database on the subject property or surrounding area. Therefore, the proposed project would have no impact on historic, paleontological or unique geologic resources.

Standard conditions of approval associated with the subdivision improvements and for future development would include the following:

COA-1: In the event that prehistoric traces (human remains, artifacts, concentrations of shell/bone/rock/ash) are encountered during construction activities, all construction within a 50-meter radius of the find shall be stopped, the Planning Department notified, and an archaeologist retained to examine the find and make appropriate recommendations.

COA-2: In the event that human skeletal remains are encountered, the applicant is required by County Ordinance No. B6-18 to immediately notify the County Coroner. Upon determination by the County Coroner that the remains are Native American, the coroner shall contact the California Native American Heritage Commission, pursuant to subdivision (c) of Section 7050.5 of the Health and Safety Code and the County Coordinator of Indian affairs. No further disturbance of the site shall be made except as authorized by the County Coordinator of Indian Affairs in accordance with the provisions of state law and this chapter. If artifacts are found on the site, a qualified archaeologist shall be contacted along with the County Planning Office. No further disturbance of the artifacts may be made except as authorized by the County Planning Department.

MITIGATION:

None required.

F. ENERGY							
	IMPACT						
WOULD THE PROJECT:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	Source
a) Result in potentially significant environmental impact do to wasteful, inefficient, or unnecessary construction of energy resources during project consumption or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 5
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5

SETTING:

The project site is located in an area of rural residential development.

DISCUSSION:

a, b) Less than Significant Impact.

The proposed subdivision would enable development of two single family residences(one new), two ADUs and two Junior ADU's. Construction of these dwellings would be subject to the requirements of the California Energy Code and California Green Building Standards Code, which are designed to reduce wasteful, inefficient or unnecessary consumption of energy resources during project construction or operation. Therefore, the impact to energy resources would be less-than significant.

G. GEOLOGY AND SOILS							
	IMPACT						
WOULD THE PROJECT:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	Source
a) Directly or indirectly cause 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6, 17c, 43
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6, 17c

G. GEOLOGY AND SOILS							
	IMPACT						
WOULD THE PROJECT:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	Source
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6, 17c, 17n, 18b
iv) Landslides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6, 17L, 118b
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6, 14, 23, 24
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2, 3, 17c, 23, 24, 42
d) Be located on expansive soil, as defined in the report, <i>Soils of Santa Clara County</i> , creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14,23, 24,
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,6, 23,24,
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,3,4,40,41

SETTING:

The 12.5-acre project site is relatively flat. A small area in the southwest portion of the parcel is mapped as a County Liquefaction Hazard Zone but is located within the banks of Llagas Creek. Preliminary development plans demonstrate that future development could avoid a geologic impact, by located future structures(main house and accessory buildings, driveways and bridges) outside of these areas.

DISCUSSION:

(a-f) No Impact. The site is not within a designated State Earthquake Fault Zones, State Seismic Hazard Zone or the County or State liquification zone.

At the time of development, percolation tests and soil profiles would be conducted for each proposed parcel, and this data will be reviewed by County Department of Environmental Health (DEH) ensuring that the soils are capable of supporting a septic system which meets County DEH requirements. For any future proposed site improvements subject to a grading approval, as well as grading, drainage and building permits, the grading plan will be reviewed for conformance to the County's Grading Manual and BMPs, ensuring that no over-compaction or over-covering of soil will occur.

MITIGATION:

No mitigation is required.

H. GREENHOUSE GAS EMISSIONS							
WOULD THE PROJECT:	IMPACT						Source
	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5,29, 30
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5,29, 30

SETTING:

Given the overwhelming scope of global climate change, it is not anticipated that a single development project for a two-lot subdivision would have an individually discernible effect on global climate change. It is more appropriate to conclude that the greenhouse gas (GHG) emissions generated by a proposed project would combine with emissions across the state, nation, and globe to cumulatively contribute to global climate change. The primary GHG emissions associated with a development project is carbon dioxide, which is directly generated by fuel combustion (vehicle trips, use of natural gas for buildings) and indirectly generated by use of electricity.

DISCUSSION:

a,b) No Impact. The proposed project would allow development of two single family residences (one new) and two ADUs and two JADU's. This level of residential development is de minimis in nature and therefore would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. The County does not have an applicable plan or policy with regard to reducing GHG emissions. Therefore, there would be no conflict.

MITIGATION:

None Required

I. HAZARDS & HAZARDOUS MATERIALS							
	IMPACT						
WOULD THE PROJECT:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	Source
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 4, 5
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2, 3, 5
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 1/4 mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47
e) For a project located within an airport land use plan referral area or, where such a plan has not been adopted, within two miles of a public airport or public use airport, or in the vicinity of a private airstrip, would the project result in a safety hazard, or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 22a
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5, 48
g) Expose people or structures either directly or indirectly to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4, 17g

SETTING:

The project is located within two miles of San Martin Airport and is within the Airport Influence Area (AIA) of the airport. The subject property is also located within the Wildland Urban Interface (WUI).

DISCUSSION:

a, b, c, d, & f) No impact. The project is for a two-lot subdivision. Future residential development would not involve the use or transportation of any hazardous materials and it is not located on site designated as hazardous under Section 65962.5, as verified on EnviroStor.

The subject property is located within a rural area and would not change the local roadway circulation pattern, access, or otherwise physically interfere with local emergency response plans. Access to the project site is from an existing public County maintained road and will not impair or physically interfere with any emergency response or evacuation plans.

e and g) Less than significant impact. While the site is located within the AIA of San Martin Airport, the project site is not located within any safety zone, or noise contour that could result in exposing people to aviation incidences. Also, one future residence with a 35-foot tall height limit, would not create a height obstruction to aircraft using the Airport. Future residential development will be required to record an Avigation Easement granted to the County of Santa Clara on behalf of San Martin Airport.

The subject property is not located within the Wildland Urban Interface (WUI) designation which indicates properties that are more likely to experience wildfires. However, future residential development, if proposed, would be required to abide by existing State Fire and Building Codes which specify certain design and material standards for any structure within the County.

Future residential development would be subject to requirements of the County Fire Marshal's Office and the Building Code requirements for fire protection and fire prevention, which may include, but not be limited to, providing on-site fire flow, a fire hydrant, an automatic fire sprinkler system, defensible space around structures, and appropriate driveway turnouts and turnarounds for firefighting equipment. The proposed access driveway would conform to all requirements of the Fire Marshal's Office for emergency vehicle access. Fire protection water would be provided by an approved water well and stored in water tanks to provide a ready source, if needed.

Adherence to these design and material requirements ensures that the proposed residence, and any future development on the proposed parcels, will not expose people or structures to a significant risk of loss, injury or death involving wildland or other fires. Hence, this impact would be less than significant.

MITIGATION:

None required.

J. HYDROLOGY AND WATER QUALITY							
Would the project:	IMPACT						SOURCE
	Potential v Significant t Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34, 36
b) Substantially decrease groundwater supplies or interfere substantially with	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 4

	groundwater recharge such that the project may impede sustainable groundwater management of the basin?						
c)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 17n,
i)	Result in substantial erosion or siltation on- or off-site	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 17p
II)	Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5, 36, 21a
III)	Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5
IV)	Impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 17p, 18b, 18d
d)	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 18b, 18d
e)	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2, 3, 4, 17p

SETTING:

Llagas Creek crosses through the middle of the property and a FEMA Flood Zone A is mapped on the property.

DISCUSSION:

a-e) Less than Significant Impact. The proposed project is a two-lot subdivision. The project site is not located in a tsunami, or seiche zones. No development is proposed within any flood zones. Future development of one single-family residences would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan and the building pad would be located outside of the flood zone.

The project site is located within the Central Coast Special Riparian Setback Area, which requires a 30-foot setback from riparian and wetland areas per Division B11.5 of County Ordinance Code (Clean Water). Future development would be restricted to areas outside of this setback, as shown on the site plan.

Future development of the residence would require permitting from County DEH, in accordance with the County Ordinance for an on-site wastewater treatment system to ensure that no water quality standards are violated through discharge of wastewater to the ground.

Water supply would come from either an individual or a shared on-site well. However, since the area is sparsely populated with minimal pumping from groundwater, development of a well on the resulting lots would not impede sustainable groundwater management of the basin. Residential development on

the lots would require a drainage permit, which would ensure that drainage in the area is not substantially altered and runoff water would be contained on site, and not discharged to creeks.

MITIGATION: None required.

K. LAND USE							
WOULD THE PROJECT:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2, 4
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8a, 9, 18a

SETTING:

The subject property's General Plan designation is Rural Residential, and zoning is Rural Residential with a five-acre minimum combining district (RR-5ac.). The parcels adjacent to the subject property are primarily residential, or agriculture. Surrounding uses include properties of similar size. Future development would respect the County General Plan for Creek setbacks.

DISCUSSION:

The proposed two-lot subdivision, as conditioned, would be consistent with the County's General Plan and Zoning Ordinance. The General Plan for Rural Residential areas (R-LU 58) allows for densities between 5 and 20 acres depending on the site's average slope. The subject site has a minimum 5-acre lot size requirement, through a zoning district combining district as it is a relatively flat site. The 12.5-acre gross parcel would result in two lots, with a gross acreage of 5 lots each, and would this be consistent with this General Plan policy. The subject site is also within the San Martin Planning Area and is consistent with the applicable policies for this area (R-LU 136 – 140). The proposed two-lot subdivision would not divide an established community.

General Plan policy R-RC 37 Lands near creeks, streams, and freshwater marshes shall be considered to be in a protected buffer area, consisting of the following:

1. 150 feet from the top bank on both sides where the creek or stream is predominantly in its natural state;
2. 100 feet from the top bank on both sides of the waterway where the creek or stream has had major alterations; and 3. In the case that neither (1) nor (2) are applicable, an area sufficient to protect the stream environment from adverse impacts of adjacent development, including impacts upon habitat, from sedimentation, biochemical, thermal and aesthetic impacts

The project would respect these General Plan policy setbacks. There may be temporary impacts from the leachfields if developed within the setback area, which is allowed.

Also, the subdivision as proposed would be consistent with the of the “GUIDELINES & STANDARDS FOR LAND USE NEAR STREAMS: A Manual of Tools, Standards, and Procedures to Protect Streams and Streamside Resource in Santa Clara County.” Also, the future residence would be reviewed and conditioned for compliance with the manual.
No commercial, industrial or institutional uses are proposed.

MITIGATION: None required.

L. MINERAL RESOURCES							
WOULD THE PROJECT:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 3, 6, 44
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 3, 6, 8a

DISCUSSION:

a-b) **No Impact.** Neither the State Geologist nor the State Mining and Geology Board has classified the proposed project area as containing mineral deposits which are either of statewide significance or the significance of which requires further evaluation. The site is also not located on locally important mineral resource recovery sites.

MITIGATION: None required

M. NOISE							
WOULD THE PROJECT RESULT IN:	IMPACTS						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8a, 13, 22a, 45
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13, 45

c) For a project located within the vicinity of a private airstrip or an airport land use plan referral area or, where such a plan has not been adopted, within two miles of a public airport, public use airport, or private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 5, 22a
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SETTING:

The project is a two-lot subdivision. Future development could include two single-family residences, ADUs and JADUs. Temporary construction noise would result from grading and construction activity. The nearest sensitive receptors to that noise surround the property as there are single-family residences surrounding the parcel on all sides but would not be harmful long-term.

The site is located just north of San Martin Airport and is within the 55 dBA CNMEL noise contour.

DISCUSSION:

(a-c) Less than Significant Impact

County Noise Ordinance restricts exterior noise limits, for a cumulative period not to exceed more than 30 minutes in any hour, for one and two-family residential land uses at 45 dBA between 10:00 p.m. to 7:00 a.m. and 55 dBA between 7:00 a.m. to 10:00 p.m. The proposed use is residential, and would not create excess noise, vibration, or permanent increase in ambient noise levels. The project site is located within the AIA of San Martin Airport, within the 55dBA CNEL noise contour. Receptors may experience temporary disruptions as a result of single-event noise produced from aircraft, but the noise would not be long-term or harmful. According to the San Martin Comprehensive Land Use Plan, residential development is considered consistent within the 55dBA CNEL noise contour.

Construction of single-family residences would temporarily elevate noise levels in the immediate project area from the use of construction equipment. Construction noise could have a short-term impact on the nearest sensitive (residential) uses. However, noise levels would not exceed standards of the Santa Clara County Noise Ordinance. Noise impacts on the residential uses near the project site would be minimal and temporary. Therefore, the project would not create any significant noise impacts.

MITIGATION:

None required.

N. POPULATION AND HOUSING							
WOULD THE PROJECT:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Induce substantial unplanned population growth in an area, either directly (for	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 4

example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- b) Displace substantial numbers of existing housing or people, necessitating the construction of replacement housing elsewhere? ☐ ☐ ☐ ☒ ☐ ☐ 1, 2, 3, 4

SETTING:

The site is located in the unincorporated community of San Martin, which is rural residential area of Santa Clara County, with a population of approximately 7,000 as of the 2010 census.

DISCUSSION:

a-b) No Impact. The proposed project is a two-lot subdivision. Future development of a single-family residence and accessory dwelling units would not induce substantial unplanned population growth or displace existing housing or people.

MITIGATION: None required.

O. PUBLIC SERVICES							
	IMPACT						SOURCE
WOULD THE PROJECT:	<u>Potentially Significant Impact</u>	<u>Less Than Significant With Mitigation Incorporated</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>	<u>Analyzed in the Prior EIR</u>	<u>Substantially Mitigated by Uniformly Applicable Development Policies</u>	
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:							
i) Fire Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5
ii) Police Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5
iii) School facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5
iv) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5, 17h
v) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5

SETTING and DISCUSSION:

a) Less Than Significant. Future development of one single-family residence and two total accessory dwelling units and JADUs on each lot, would increase the need for additional fire or police protection to the area. However, as two additional parcels, the impact would not be significant.

Other public services, such as provided by schools or parks, would not be significantly impacted.

MITIGATION: None required.

P. RECREATION							
WOULD THE PROJECT:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) 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"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 4, 5, 17h
b) 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"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 4, 5

SETTING:

The nearest County park is Coyote Harvey Bear approximately 3 miles to the northeast.

DISCUSSION:

a & b) Less than Significant. The proposed subdivision would allow future residential development, (one new residence), which would not significantly 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, and would not require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment; therefore, this impact would be less than significant.

MITIGATION: None required

Q. TRANSPORTATION							
			IMPACT				SOURCE
WOULD THE PROJECT:	YES					NO	
	<u>Potential v Significant Impact</u>	<u>Less Than Significant With Mitigation Incorporated</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>	<u>Analyzed in the Prior EIR</u>	<u>Substantially Mitigated by Uniformly Applicable Development Policies</u>	
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 4, 5, 6, 7, 49, 52

b)	Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6, 49, 50, 52
c)	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3, 5, 6, 7, 52
d)	Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5, 48, 52

SETTING:

The proposed project is a two-lot subdivision; no development of either parcel is currently proposed.

DISCUSSION:

a-d) Less Than Significant. The proposed subdivision would allow future development of two single-family residences, (one new), two ADUs and two JADUs. The project area is semi-rural and the addition of trips from this potential development would not conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities. Access would be from Murphy Avenue directly, which is lightly traveled with good visibility in both directions. The proposed access driveways for future development either meet or have been conditioned to meet the County's driveway access and safety standards. Therefore, potential residential development would not substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses, nor would it result in inadequate emergency access. The project would not be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b), or result in inadequate emergency access, because no traffic thresholds for vehicle miles travelled would be exceeded and the site has adequate emergency access room for vehicles.

MITIGATION: None Required

R. TRIBAL CULTURAL RESOURCES							
WOULD THE PROJECT:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:							
i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Public Resources Code section 5020.1(k), or

- | | | | | | | | |
|------|--|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|
| ii. | A resource determined by the lead agency. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. | agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DISCUSSION:

a) No Impact. The County has not received any letters from Native American tribes requesting tribal consultation per Public Resources Code, Section 21080.3.1(b) regarding the potential for a Native American tribal cultural resource located on or near the project site. Hence, there is no evidence to indicate the presence of a tribal cultural resource listed or eligible for listing in the California Register of Historical Resources, or of significance pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. Therefore, the proposed two-lot subdivision would not cause a substantial adverse change in the significance of a tribal cultural resource, and no mitigation measures would be necessary.

MITIGATION: None Required

S. UTILITIES AND SERVICE SYSTEMS							
WOULD THE PROJECT:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,6,70
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 6,24b
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has inadequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3,6,70

d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 5,6
e) Be in non-compliance with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,5, 6

SETTING:

The project area only has access to electricity and telephone. No other utilities are available.

DISCUSSION:

a-e) Less than significant. Because sanitary sewer service is not available, development of the lots would require construction of two new onsite wastewater systems to treat wastewater. At the time of development, system designs would be reviewed by the County Department of Environmental Health to ensure that they do not permit effluent to surface, degrade water quality, affect soil stability, present a threat to public health or safety, or create a public nuisance.

Future development on the site would be subject to stormwater regulations, including requirements for Low Impact Development, stormwater treatment, stormwater runoff retention, and hydromodification, as applicable to the specific development proposed.

Future development would be served either by individual wells or a shared onsite well. The Tentative Map development plans currently demonstrate a shared well with easements and mutual holding tanks. The site and area have been evaluated for adequate ground water supply. Also, the surrounding properties also are served with on-site wells and there are no known adverse impacts from agricultural, or residential wells.

Future construction activities for single family residential development would likely involve minimal amounts of debris that would need to be removed and disposed of, and existing landfill capacity would be enough to accommodate it. The project would not be in non-compliance with federal, state, local management and reduction statutes and regulations related to solid waste. The future on-site wastewater treatment system will be reviewed, permitted and inspected by the Department of Environmental Health.

MITIGATION: None Required

T. WILDFIRE							
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	IMPACT						SOURCE
	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact	Analyzed in the Prior EIR	Substantially Mitigated by Uniformly Applicable Development Policies	
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 3, 6, 44
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 3, 6, 8a
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 4, 5, 17h
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 3, 4, 5

SETTING:

The project is for a two-lot subdivision. The subject property is not located within the Wildland Urban Interface (WUI). The project area is semi-rural in the community of San Martin.

DISCUSSION:

a-d) No Impact. Given the low population density and adequate road access, future potential development (one new residence) and an ADU and JADU's on each resulting parcel) would not substantially impair an adopted emergency response plan or emergency evacuation plan. The project site is not on a slope or subject to prevailing winds that expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire. Water tanks for fire protection would be required for a future development: thus, the project would not exacerbate fire risk or result in temporary or ongoing impacts to the environment. The proposed subdivision and any potential future residential development of Parcel 1 would not expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.

MITIGATION: None required.

U. MANDATORY FINDING OF SIGNIFICANCE							
			IMPACT				SOURCE
WOULD THE PROJECT:	YES					NO	
	<u>Potentially Significant Impact</u>	<u>Less Than Significant With Mitigation Incorporated</u>	<u>Less Than Significant Impact</u>	<u>No Impact</u>	<u>Analyzed in the Prior EIR</u>	<u>Substantially Mitigated by Uniformly Applicable Development Policies</u>	
a) Have the potential to substantially 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"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 to 52
b) Have impacts that are individually limited, but cumulatively considerable ("Cumulatively considerable" means that the incremental effects of an individual 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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 to 52
c) Have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 to 52

DISCUSSION:

(a, b) Less Than Significant Impact. As discussed in the impact sections above, impacts of the proposed project would be less than significant. The proposed project would not have the potential to substantially reduce the habitat of any 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 of, 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.

While there are several non-residential projects within San Martin, that may have impacts that are either significant and unavoidable (for GHG emissions), or less than significant with mitigation (for Aesthetics, Noise, Traffic, Hydrology and Water Quality, that could result in cumulatively considerable impacts. However, as discussed in the analyses provided in this Initial Study, project impacts were found to be less than significant and the contribution of the proposed project to these cumulative impacts would not be considerable. Therefore, the incremental effects of the proposed

project are not cumulatively significant when viewed in context of the past, current, and/or probable future projects and less than significant cumulative impacts would occur.

c) **No Impact.** The proposed project is a two-lot subdivision of a 12.5-acre site in a rural residential area. As described in the environmental topic sections of this Initial Study, the proposed project would not have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly.

Initial Study Source List*

1. Environmental Information Form
https://www.sccgov.org/sites/dpd/DocsForms/Documents/EnvAss_Form.pdf
2. Field Inspection
3. Project Plans
4. Working knowledge of site and conditions
5. Experience with other Projects of This Size and Nature
6. County Expert Sources:
 - Geologist
<https://www.sccgov.org/sites/dpd/PlansOrdinances/GeoHazards/Pages/Geology.aspx>
 - Fire Marshal
<https://www.sccgov.org/sites/dpd/AboutUs/Fire/Pages/Fire.aspx>
 - Roads & Airports
<https://www.sccgov.org/sites/rda/Pages/rda.aspx>
 - Environmental Health
<https://www.sccgov.org/sites/deh/Pages/deh.aspx>
 - Land Development Engineering
<https://www.sccgov.org/sites/dpd/AboutUs/LDE/Pages/LDE.aspx>
 - Parks & Recreation
<https://www.sccgov.org/sites/parks/Pages/Welcome-to-Santa-Clara-County-Parks.aspx>
 - Zoning Administration,
Comprehensive Planning,
Architectural & Site Approval Committee
Secretary
7. Agency Sources:
 - Santa Clara Valley Water District
<https://www.valleywater.org/>
 - Santa Clara Valley Transportation Authority
<http://www.vta.org/>
 - Midpeninsula Regional Open Space District
<https://openspace.org/>
 - U.S. Fish & Wildlife Service
<https://www.fws.gov/>
 - CA Dept. of Fish & Game
<https://www.wildlife.ca.gov/>
 - Caltrans
<https://dot.ca.gov/>
 - U.S. Army Corps of Engineers
<https://www.usace.army.mil/>
 - Regional Water Quality Control Board
<https://www.waterboards.ca.gov/>
 - Public Works Depts. of individual cities
8. Planning Depts. of individual cities:
 - Santa Clara County (SCC) General Plan
<https://www.sccgov.org/sites/dpd/PlansOrdinances/GP/Pages/GP.aspx>
 - The South County Joint Area Plan
https://www.sccgov.org/sites/dpd/DocsForms/Documents/GP_Book_B.pdf
9. SCC Zoning Regulations (Ordinance)
<https://www.sccgov.org/sites/dpd/DocsForms/Documents/ZonOrd.pdf>
10. County Grading Ordinance
https://library.municode.com/ca/santa_clara_county/codes/code_of_ordinances?nodeId=TITCCODELAUS_DIVC12SULADE_CHIIIGRDR#TOPTITLE
11. SCC Guidelines for Architecture and Site Approval
https://www.sccgov.org/sites/dpd/DocsForms/Documents/ASA_Guidelines.pdf
12. SCC Development Guidelines for Design Review
https://www.sccgov.org/sites/dpd/DocsForms/Documents/DR_Guidelines.pdf
13. County Standards and Policies Manual (Vol. I - Land Development)
https://www.sccgov.org/sites/dpd/DocsForms/Documents/StandardsPoliciesManual_Vol1.pdf
14. Table 18-1-B of the Uniform Building Code (expansive soil regulations) [1994 version]
http://digitalassets.lib.berkeley.edu/ubc/UBC_1994_v2.pdf
15. SCC Land Use Database
16. Santa Clara County Heritage Resource (including Trees) Inventory [computer database]
17. GIS Database
 - a. SCC General Plan Land Use, and Zoning
 - b. USFWS Critical Habitat & Riparian Habitat
 - c. Geologic Hazards
 - d. Archaeological Resources
 - e. Water Resources
 - f. Viewshed and Scenic Roads
 - g. Fire Hazard
 - h. Parks, Public Open Space, and Trails
 - i. Heritage Resources - Trees
 - j. Topography, Contours, Average Slope
 - k. Soils
 - l. HCP Data (habitat models, land use coverage etc)
 - m. Air photos
 - n. USGS Topographic
 - o. Dept. of Fish & Game, Natural Diversity Data
 - p. FEMA Flood Zones
 - q. Williamson Act
 - r. Farmland monitoring program
 - s. Traffic Analysis Zones
 - t. Base Map Overlays & Textual Reports (GIS)
18. Paper Maps
 - a. SCC Zoning
 - b. Barclay's Santa Clara County Locaide Street Atlas
 - c. Color Air Photos (MPSI)
 - d. Santa Clara Valley Water District - Maps of Flood Control Facilities & Limits of 1% Flooding

Initial Study Source List*

- e. Soils Overlay Air Photos
- f. "Future Width Line" map set

19. 2019 CEQA Statute Guidelines [Current Edition]
[http://resources.ca.gov/ceqa/docs/2019 CEQA Statutes and Guidelines.pdf](http://resources.ca.gov/ceqa/docs/2019_CEQA_Statutes_and_Guidelines.pdf)

Area Specific: San Martin, Stanford, and Other Areas

San Martin

- 20a. San Martin Integrated Design Guidelines
https://www.sccgov.org/sites/dpd/DocsForms/Documents/SanMartin_DesignGuidelines.pdf

- 20b. San Martin Water Quality Study

- 20c. Memorandum of Understanding (MOU) between Santa Clara County & Santa Clara Valley Water District

Stanford

- 21a. Stanford University General Use Permit (GUP), Community Plan (CP), Mitigation and Monitoring Reporting Program (MMRP) and Environmental Impact Report (EIR)
<https://www.sccgov.org/sites/dpd/Programs/Stanford/Pages/Docs.aspx>

- 21b. Stanford Protocol and Land Use Policy Agreement
<https://www.sccgov.org/sites/dpd/Programs/Stanford/Pages/Docs.aspx>

Other Areas

- 22a. South County Airport Comprehensive Land Use Plan and Palo Alto Airport comprehensive Land Use Plan [November 19, 2008]

- 22b. Los Gatos Hillside Specific Area Plan
https://www.sccgov.org/sites/dpd/DocsForms/Documents/GP_Book_B.pdf

- 22c. County Lexington Basin Ordinance Relating to Sewage Disposal

- 22d. User Manual Guidelines & Standards for Land Uses Near Streams: A Manual of Tools, Standards and Procedures to Protect Streams and Streamside Resources in Santa Clara County by Valley Water Resources Protection Collaborative, August 2005 – Revised July 2006.
<https://www.valleywater.org/contractors/doing-businesses-with-the-district/permits-for-working-on-district-land-or-easement/guidelines-and-standards-for-land-use-near-streams>

- 22e. Guidelines and Standards for Land Use Near Streams: Streamside Review Area – Summary prepared by Santa Clara County Planning Office, September 2007.

- 22f. Monterey Highway Use Permit Area
https://www.sccgov.org/sites/dpd/DocsForms/Documents/SanMartin_GeneralPlanInformation.pdf

Soils

23. USDA, SCS, "Soils of Santa Clara County

24. USDA, SCS, "Soil Survey of Eastern Santa Clara County"

Agricultural Resources/Open Space

25. Right to Farm Ordinance

26. State Dept. of Conservation, "CA Agricultural Land Evaluation and Site Assessment Model"
<https://www.conservation.ca.gov/dlrp/Documents/TOC%20and%20Intro.pdf>

27. Open Space Preservation, Report of the Preservation 2020 Task Force, April 1987 [Chapter IV]

28. Williamson Act Ordinance and Guidelines (current version)
<https://www.sccgov.org/sites/dpd/Programs/WA/Pages/WA.aspx>

Air Quality

29. BAAQMD Clean Air Plan
http://www.baagmd.gov/~media/files/planning-and-research/plans/2017-clean-air-plan/attachment-a_-proposed-final-cap-vol-1-pdf.pdf?la=en

30. BAAQMD CEQA Air Quality Guidelines (2010)-
http://www.baagmd.gov/~media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en

31. BAAQMD Annual Summary of Contaminant Excesses & BAAQMD, "Air Quality & Urban Development - Guidelines for Assessing Impacts of Projects & Plans" [current version]

Biological Resources/ Water Quality & Hydrological Resources/ Utilities & Service Systems"

32. Site-Specific Biological Report

33. Santa Clara County Tree Preservation Ordinance
https://www.sccgov.org/sites/dpd/DocsForms/Documents/Tree_Ordinance.pdf

Section C16, Santa Clara County Guide to Evaluating Oak Woodlands Impacts
https://www.sccgov.org/sites/dpd/DocsForms/Documents/Oakwoodlands_Guide.pdf

Santa Clara County Guidelines for Tree Protection and Preservation for Land Use Applications
https://www.sccgov.org/sites/dpd/DocsForms/Documents/Brochure_TreePreservation.pdf

33. Clean Water Act, Section 404

Initial Study Source List*

<https://www.epa.gov/cwa-404/permit-program-under-cwa-section-404>

34. Riparian Inventory of Santa Clara County, Greenbelt Coalition, November 1988
https://www.valleywater.org/sites/default/files/D2/D2/D2-4_riparian_plants_2016%282%29.pdf –
35. CA Regional Water Quality Control Board, Water Quality Control Plan, San Francisco Bay Region [1995]
36. Santa Clara Valley Water District, Private Well Water Testing Program [12-98]
37. SCC Nonpoint Source Pollution Control Program, Urban Runoff Management Plan [1997]
38. County Environmental Health / Septic Tank Sewage Disposal System - Bulletin "A"
39. County Environmental Health Department Tests and Reports

Archaeological Resources

40. Northwest Information Center, Sonoma State University
41. Site Specific Archaeological Reconnaissance Report

Geological Resources

42. Site Specific Geologic Report

43. State Department of Mines and Geology, Special Report #42
44. State Department of Mines and Geology, Special Report #146

Noise

45. **County Noise Ordinance**
https://www.sccgov.org/sites/cpd/programs/NP/Documents/NP_Noise_Ordinance.pdf

Hazards & Hazardous Materials

46. Section 21151.4 of California Public Resources Code
47. State Department of Toxic Substances, Hazardous Waste and Substances Sites List
48. County Office of Emergency Services Emergency Response Plan [1994 version]

Transportation/Traffic

49. Transportation Research Board, "Highway Capacity Manual", Special Report 209, 1995.
50. SCC Congestion Management Agency, "Monitoring and Conformance report" (Current Edition)
51. Official County Road Book
52. **Site-specific Traffic Impact Analysis Report**

*Items listed in bold are the most important sources and should be referred to during the first review of the project, when they are available. The planner should refer to the other sources for a particular environmental factor if the former indicates a potential environmental impact.
