

Town of Danville

Environmental Checklist Form

1. **Project title:** MS852-2019 – 2434 Tassajara Lane

2. **Lead agency name and address:** Town of Danville

510 La Gonda Way Danville, CA 94526

3. **Contact person and phone number:** Riley Anderson-Barrett, (925) 314-3314

4. **Project location:** 2434 Tassajara Lane

Danville, CA 94526

5. **Project sponsor's name and address:** Sadique Popal and Avista Karzai

2434 Tassajara Lane Danville, CA 94526

6. **Zoning:**

P-1; Planned Unit Development District, with R-10; Single Family Residential development standards 7. General Plan designation:

Residential – Single Family – Medium Density (3 to 5 units per

net acre)

- 8. **Description of project:** Minor subdivision request to subdivide an existing 0.785 +/- acre parcel into two residential parcels.
- 9. **Surrounding land uses and setting:** Single family residences exist adjacent to all project boundaries.
- 10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.)
 - San Ramon Valley Fire Protection District
 - Contra Costa County Central Sanitary District
 - East Bay Municipal Utilities District
 - California Water Quality Control Board
 - California Department of Fish & Wildlife

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.

	Aesthetics		Agriculture Resources		Air Quality	
X	Biological Resources		Cultural Resources		Geology/Soils	
	Hazards & Hazardous Materials		Hydrology/Water Quality		Land Use/Planning	
	Mineral Resources	X	Noise		Population/Housing	
	Public Services		Recreation		Transportation/Traffic	
	Utilities/Service Systems		Mandatory Findings of	f Sign	ificance	
DETER	MINATION:					
On the	basis of this initial eval	uatior	n:			
		-	iject COULD NOT have ΓΙVE DECLARATION w	_		
X	environment, there w	ill not de by	or agreed to by the proje	this	gnificant effect on the case because revisions in the oponent. A MITIGATED	
		-	ject MAY have a signifio LIMPACT REPORT is re		ffect on the environment, ed.	
	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 attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.					
	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.

FAB		9/10/2021		
Signature		Date		
Riley Anderson-Barrett		Town of D	anville	
Printed Name		For		
Issues:				
	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS: Would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?			Χ	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	
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 Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?				
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
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?				X
III. AIR QUALITY: Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?				X
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?				X
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				X
d) Expose sensitive receptors to substantial pollutant concentrations?				Χ
e) Create objectionable odors affecting a substantial number of people?				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES: Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?		X		
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?		X		
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?		X		
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?		X		
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?		X		
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat				X

conservation plan?	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES: Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?			X	
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				X
d) Disturb any human remains, including those interred outside of formal cemeteries?			Χ	
VI. GEOLOGY AND SOILS: Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?			Χ	
iii) Seismic-related ground failure, including liquefaction?			X	
iv) Landslides?				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			Χ	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?			X	
VII. GREENHOUSE GAS EMISSIONS: Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			Χ	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X
VIII. HAZARDS AND HAZARDOUS MATERIALS: Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				Χ
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials,				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
substances, or waste within one-quarter mile of 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?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X
IX. HYDROLOGY AND WATER QUALITY: Would the project:				
a) Violate any water quality standards or waste discharge requirements?			X	
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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)?				
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?			X	
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?			X	
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?				X
f) Otherwise substantially degrade water quality?				Χ
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
i) Expose people or structures to a significant risk of loss, injury or death involving				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
flooding, including flooding as a result of the failure of a levee or dam?		-		
j) Inundation by seiche, tsunami, or mudflow?				X
X. LAND USE AND PLANNING: Would the project:				
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X
XI. MINERAL RESOURCES: Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X
XII. NOISE: Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			Χ	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?		X		
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X
XIII. POPULATION AND HOUSING: Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

XIV. PUBLIC SERVICES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?			X	
Police protection?			X	
Schools?			Χ	
Parks?			Χ	
Other public facilities?			X	
XV. RECREATION				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			X	
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	
XVI. TRANSPORTATION/TRAFFIC Would the project:				
a) Cause an increase in traffic which is substantial in relation to the existing traffic			X	

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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)?				
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?				X
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
e) Result in inadequate emergency access?				X
f) Result in inadequate parking capacity?				X
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?				X
XVII. UTILITIES AND SERVICE SYSTEMS: Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?			Χ	
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			X	

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?			X	
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?			X	
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?			Χ	
g) Comply with federal, state, and local statutes and regulations related to solid waste?			Χ	
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?			X	
b) Does the project have impacts that are individually limited, but cumulatively				X

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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)?				
c) Does the project have environmental				Χ
effects which will cause substantial adverse				
effects on human beings, either directly or				
indirectly?				

EXPLANATIONS:

- **I. ASTHETICS:** Would the project:
 - a) <u>Have a substantial adverse effect on a scenic vista</u>? **No impact.** The subject project is not within a Town designated scenic hillside or major ridgeline.
 - b) <u>Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?</u> **No Impact.** The site is not within view of a state scenic highway.
 - c) <u>Substantially degrade the existing visual character or quality of the site and its surroundings?</u> **Less than Significant Impact.** The project would allow the development of two single family homes on a 0.78 +/- acre parcel that has historically had one single family home. The development is consistent with the General Plan and zoning designation allowing for single family development consistent with the proposed density.
 - d) <u>Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?</u> Less than Significant Impact. The project would result in additional light sources typical of one additional single family home and the impact on the surrounding neighborhoods would be less than significant. The standard conditions of approval for a Development Plan to construct a home on the site would require exterior lighting to be shielded downward to avoid glare. The project lighting will be consistent with the lighting level of existing surrounding neighborhoods.

II. AGRICULTURAL RESOURCES: 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? No Impact. The parcel is not classified as prime, unique, or farmland of statewide importance.
- b) <u>Conflict with existing zoning for agricultural use, or a Williamson Act contract?</u> **No Impact.** The proposed project is consistent with the zoning for the site. The site is not zoned for agricultural use, is not used for agricultural use, and is not under a Williamson Act contract.
- c) <u>Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?</u> **No Impact.** The site is zoned for residential use, and the proposed development would not result in the conversion of any farmland to non-agricultural use.

III. AIR QUALITY: Would the project:

- a) Conflict with or obstruct implementation of the applicable air quality plan? No Impact. The proposed project is consistent with the General Plan and Zoning designation for the site. The proposed project would not increase regional population growth or cause changes in vehicular traffic that would affect the implementation of the Bay Area Air Quality Management District 2010 Clean Air Plan.
- b) <u>Violate any air quality standard or contribute substantially to an existing or projected air quality violation?</u> **No Impact.** The proposed project is consistent with the General Plan and Zoning designation for the site. The proposed project would not violate any air quality standard or contribute substantially to an existing or projected air quality violation. The project is conditioned to follow the Bay Area Air Quality Management District rules and regulations.
- c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? No Impact. The proposed project is consistent with the General Plan and Zoning designation for the site, and residential development has been anticipated.
- d) <u>Expose sensitive receptors to substantial pollutant concentrations?</u> **No Impact.** The proposed project itself does not represent a sensitive receptor and there are no existing or planned sensitive receptors within the immediate project vicinity. The proposed project is consistent with the General Plan and Zoning designation for the site, and residential development has been anticipated.

e) <u>Create objectionable odors affecting a substantial number of people?</u> **No Impact.** The proposed development is a residential project, consistent with surrounding residential uses. This type of residential development will not result in the creation of objectionable odors which are not typical for the area.

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? Less than Significant with Mitigation Incorporated. According to a biological resources analysis report prepared by Monk & Associates Environmental Consultants, special status species, such as the California red-legged frog, are unlikely to be impacted by this project. No California red-legged frogs were observed during a one day survey conducted by Monk & Associates. The project site is not designated as a "Critical Habitat." There are no known occurrences of the California Red-Legged Frog in Sycamore Creek with its nearest Critical Habitat found 2.1 miles north of the project site. The project site does not provide any habitat for the Alameda Whipsnake with its nearest Critical Habitat 1.9 north of the project site. The project site does not provide habitat for any other special-status species and no impacts to special-status species are expected from house construction.

All raptors and other nesting migratory birds are protected under the Migratory Bird Treaty Act and their eggs and young are protected under California Fish and Game Codes. A nesting survey would be conducted prior to commencing with construction work if this work would commence between February 1st and August 31st. If a nest is found, a buffer around the tree with the nest will be installed, which would be identified by a qualified biologist.

Wildlife exclusion fencing would be installed around the perimeter of the drainage channel and around the perimeter of the project site to ensure that ground dwelling wildlife species are precluded from accessing the construction area. Wildlife exclusion fencing will consist of silt fence backed with orange construction fence. The bottom of the fence would be keyed in the ground.

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? Less than Significant with Mitigation Incorporated. According to a biological resources analysis report prepared by Monk & Associates Environmental Consultants, the proposed project would not result in any direct impacts to the drainage feature or any other seasonal wetlands within the project site.

The project will not result in any direct impacts to this draining feature or any other seasonal wetlands. The trail will be placed a minimum of 10 feet back from the top-of-bank to ensure protection of the riparian vegetation. No structures are proposed within this setback. No impacts are anticipated to the drainage feature, or its associated vegetation. Wildlife exclusion fencing would be installed around the perimeter of the drainage channel and around the perimeter of the project site to ensure that ground dwelling wildlife species are precluded from accessing the construction area.

- (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? Less than Significant with Mitigation Incorporated. According to a biological resources analysis report prepared by Monk & Associates Environmental Consultants, the proposed project would not result in any direct impacts to the drainage feature or any other seasonal wetlands within the project site. All stormwater/surface runoff should be directed into the Town's storm drain system. They recommend the proposed trail to have a 10-foot setback from the top-of-bank. No structures are proposed within this setback. Installed silt fencing will prevent mobilized sediments and other construction debris from entering the adjacent creek corridor
- 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? Less than Significant with Mitigation Incorporated. According to a biological resources analysis report prepared by Monk & Associates Environmental Consultants, there is not any aquatic habitat that would provide breeding habitat for aquatic species. All raptors and other nesting migratory birds are protected under the Migratory Bird Treaty Act and their eggs and young are protected under California Fish and Game Codes. Wildlife exclusion fencing would be installed around the perimeter of the drainage channel and around the perimeter of the project site to ensure that ground dwelling wildlife species are precluded from accessing the construction area. A nesting survey would be conducted prior to commencing with construction work if this work would commence between February 1st and August 31st. If a nest is found, a non-disturbance buffer around the tree with the nest will be installed.
- e) <u>Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?</u> Less than Significant with Mitigation Incorporated. There are forty-one trees on the site. Eight non-protected trees are proposed to be removed. All removed trees will be replanted with a 1:1 ratio regardless of protection status, or a fee will be paid as an alternative measure.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? No Impact. There is no Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan associated with this property.

V. CULTURAL RESOURCES: Would the project:

- a) <u>Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?</u> **No Impact.** The site and existing buildings on site do not meet criteria as a historical resource as defined in § 15064.5.
- Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5? Less than Significant Impact. There has been no identification of the existence, or probable likelihood, of an archaeological resource on this site. Standard Conditions of Approval require that, in the event that subsurface archeological remains are discovered during any construction or pre-construction activities on the site, all land alteration work within 100 feet of the find shall be halted, the Town Planning Division notified, and a professional archeologist, certified by the Society of California Archeology and/or the Society of Professional Archeology, shall be notified. Site work in this area shall not occur until the archeologist has had an opportunity to evaluate the significance of the find and to outline appropriate mitigation measures, if they are deemed necessary. If prehistoric archaeological deposits are discovered during development of the site, local Native American organizations shall be consulted and involved in making resource management decisions.
- c) <u>Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?</u> **No Impact.** There has been no identification of the existence, or probable likelihood, of a unique paleontological resource or site or unique geologic feature on this site.
- d) <u>Disturb any human remains, including those interred outside of formal cemeteries?</u> Less than Significant Impact. In the event that human remains are discovered during grading or site development, all work shall be halted in the vicinity of the find, the applicant shall notify the county coroner and comply with all state law requirements, including Health and Safety Code section 7050.5 and Public Resources Code section 5097.98, to ensure proper disposition of the human remains or suspected human remains, including those identified to be Native American remains.

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. No Impact. The site is not located within a State of California Earthquake Fault Hazard Zone.
- ii) Strong seismic ground shaking? Less than Significant Impact. The site is located near active faults and could experience strong ground shaking during the life of the project. Given the project's requirement to comply with California Building Code related to seismic activity, this impact is considered less than significant requirement to comply with California Building Code related to seismic activity, this impact is considered less than significant.
- Significant Impact. According to the Geotechnical report prepared by Bear Engineering Group, Inc., there is a low potential for liquefaction, and it was not identified as a potential concern. Given the project's requirement to comply with California Building Code related to seismic activity, this impact is considered less than significant.
- iv) <u>Landslides?</u> **No Impact.** No evidence of landslide characteristics have been observed on the site or in the area in the past
- Besult in substantial soil erosion or the loss of topsoil? Less than Significant Impact. There is potential for some soil erosion caused by both wind and water during the construction phase of the project. However, compliance with standard Town practices regarding erosion prevention makes this impact less than significant.
- 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? Less than Significant Impact. The site is nearly flat and previously had a single family residence on site. According to the Geotechnical report prepared by Bear Engineering Group, Inc., the soils at the site consist of silty clay and sandy clay, with no indications of slope instability observed.
- d) <u>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?</u> **Less than Significant Impact.** The site contains alluvium soil with stiff clay and silty clay colluvium expansive soils, as is typical of most of the soils within Contra Costa County and the greater San Francisco Bay Area. Compliance with recommendations of the final

soils report regarding foundation design would make this impact less than significant.

VII. GREENHOUSE GAS EMISSIONS: Would the project:

- a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? Less than Significant Impact. The proposed project would allow the construction of one new single family home, in an existing neighborhood. In large, it would use existing roads and connect to existing utility infrastructure, making it consistent with the Town of Danville's 2030 General Plan Policy 34.02.
- b) <u>Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</u> **No Impact.** The project would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing greenhouse gases.

VIII. HAZARDS AND HAZARDOUS MATERIALS: Would the project:

- a) <u>Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials</u>? **No Impact.** The proposed project is in a residential project, similar to existing surrounding homes and neighborhoods. Hazardous materials which are not consistent with typical residential areas are not expected to be associated with this development.
- 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? No Impact. The proposed project is a residential project, similar to existing surrounding homes and neighborhoods. Hazardous materials that are not consistent with typical residential areas are not expected to be associated with this development.
- c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

 No Impact. The proposed project is a residential project, similar to existing surrounding homes and neighborhoods. Hazardous materials which are not consistent with typical residential areas are not expected to be associated with this development.
- 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? **No Impact.** This site is not known to be included on any list of hazardous materials sites.

- 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?

 No Impact. The subject site is not within an airport zone or part of any airport plan.
- 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? No Impact. There is no private airplane strip within the project vicinity.
- g) <u>Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?</u> **No Impact.** There is not a specific emergency response plan for this area. The project will meet all requirements of the San Ramon Valley Fire Protection District.
- 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? No Impact. The proposed project is one additional single family home in an existing neighborhood. The project will meet all requirements of the San Ramon Valley Fire Protection District including fire abatement measures.

IX. HYDROLOGY AND WATER QUALITY: Would the project:

- a) <u>Violate any water quality standards or waste discharge requirements?</u> Less than Significant Impact. Compliance with the Town's stormwater run-off requirements will ensure no water quality standards are violated. The integrated management practices (IMPs) proposed for the treatment areas will be consistent with the recommendations of the Contra Costa Clean Water Program. The proposed project will conform to the Town's Stormwater Management and Discharge Control Ordinance (Ord. No. 2004-06) and all applicable construction Best Management Practices (BMPs) for the site. A project Operations Maintenance Plan and Agreement will also be developed and recorded for this site.
- b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)? No Impact. The project would be served by the East Bay Municipal Utility District for water, so no new wells would be created.
- c) <u>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? Less than Significant Impact. Compliance with the Town's Erosion Control Ordinance (Section 19-4.2)</u>

requirements will limit any erosion or siltation downstream. Most of the lot is existing impervious surfaces which should not create for a substantial increase in surface water runoff. Significant grading will not take place that would alter drainage patterns. Sycamore Creek will not be altered as part of this project. The proposed project will conform to the Town's Stormwater Management and Discharge Control Ordinance (Ord. No. 2004-06) and all applicable construction Best Management Practices (BMPs) for the site.

- d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site? Less than Significant Impact. Most of the lot is existing impervious surfaces which should not create for a substantial increase in surface water runoff. A Stormwater Control Plan has been submitted and will be followed.
- e) <u>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?</u> **No Impact.** The additional run-off will not exceed the capacity of downstream facilities. A Stormwater Control Plan has been submitted and will be followed.
- f) Otherwise substantially degrade water quality? **No Impact.** Stormwater and surface water runoff will be directed into the Town's storm drain system. Straw wattles and crushed rocks will encircle all storm inlets. Self-treating and self-retaining drainage areas are spread out throughout the site.
- g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? No Impact. The residence will not be built within the 100-year flood plain, as shown on the FEMA Flood Insurance Rate Maps.
- h) <u>Place within a 100-year flood hazard area structures which would impede or redirect flood flows?</u> **No Impact.** No structures will be built within the 100-year flood plain, as shown on the FEMA Flood Insurance Rate Maps.
- i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? No Impact. No structures will be built within the 100-year flood plain, as shown on the FEMA Flood Insurance Rate Maps. There are no dams or levees in the vicinity of the site.
- j) <u>Inundation by seiche, tsunami, or mudflow?</u> **No Impact.** The site is not near any large body of water, so the risk of damage due to a seiche, tsunami or mudslide is very low.

X. LAND USE AND PLANNING: Would the project?

- a) <u>Physically divide an established community?</u> **No Impact.** The proposed project is a residential project, consistent with existing surrounding developments.
- 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? No Impact. The proposed project is a residential project that requires no variances and is consistent with existing surrounding developments.
- c) <u>Conflict with any applicable habitat conservation plan or natural community conservation plan?</u> **No Impact.** There is no habitat conservation plan or natural community conservation plan related to this property.

XI. MINERAL RESOURCES: Would the project:

- a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? **No Impact.** There are no known mineral resources on this site.
- 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? No Impact. There are no known mineral resources on the site.

XII. NOISE: Would the project result in:

- a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? Less than Significant Impact. The project consists of a residential project, consistent with existing surrounding developments. Noise levels would temporarily be increased due to noise associated with the construction of the homes. The noise impact will be less than significant given required standard conditions of approval which define and limit hours of construction.
- b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? **No Impact.** The project consists of a residential project, consistent with existing surrounding developments. The noise level is not expected to exceed the existing noise level in the area.
- c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? Less than Significant Impact. The project consists of a residential project, consistent with existing surrounding developments. The noise level is not expected to exceed the existing noise level in

the area, or substantially increase the ambient noise level.

- d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? Less than Significant with Mitigation Incorporated. Noise levels would temporarily be increased due to noise associated with the construction of the project. The noise impact will be less than significant given required standard conditions of approval which define and limit hours of construction.
- 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? No Impact. The subject site is not located within an area including an airport land use plan, or within two miles of a public airport.
- 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? **No Impact.** The project is not within the vicinity of a private airstrip.

XIII. POPULATION AND HOUSING: Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? Less than Significant Impact. The proposed development is a residential project which is consistent with the General Plan and Zoning for the area. Population should only grow by the rate associated with one single-family residence.
- b) <u>Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?</u> **No Impact.** The development will not displace any housing in the area. The project will result in one new residence.
- c) <u>Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?</u> **No Impact.** The development will not displace any housing in the area. The project will result in one new residence.

XIV. PUBLIC SERVICES: Would the project:

- 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 public services:
- i) <u>Fire Protection?</u> Less than Significant Impact. The project will be served by the

San Ramon Valley Fire Protection District, as indicated in correspondence with the District. The project will be designed to meet all of the requirements of the District.

- ii) <u>Police Protection?</u> Less than Significant Impact. The project will be served by the Danville Police Department, which is on contract from the Contra Costa County Sheriff's Department.
- iii) <u>Schools?</u> Less than Significant Impact. The proposed residential units may increase the number of students attending the schools in the neighborhood. To compensate for this demand, a school impact fee of will be paid by the applicant for each unit to the San Ramon Valley Unified School District.
- iv) <u>Parks?</u> Less than Significant Impact. The closest park, Sycamore Valley Park, has adequate existing facilities to serve one new single-family home.
- v) Other Public Facilities? Less than Significant Impact. No other public facilities have been identified in which this project would result in a significant adverse negative impact.

XV. RECREATION: Would the project result in:

- a) The increased use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? Less than Significant. The development will use existing Town park facilities, which are adequate to accommodate one new household.
- b) The inclusion of recreational facilities or requirement of the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? Less than Significant. The project does not include the development of new recreational facilities and none are required.

XVI. 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)? Less than Significant Impact. The area's streets, land use planning and zoning were planned and in place to accommodate the Town's ultimate build-out, including residential development. Traffic only increase by the rate associated with one single-family residence.
- b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?

- **No Impact**. Peak hour trips are less than the number that would trigger the Transportation Division's requirements for a traffic study.
- 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? **No Impact.** The project has no potential to have an effect on air traffic in the area.
- d) <u>Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?</u> **No Impact.** The existing access drive meets all design standards contained within the Town's Standard Plans for private drives and will improve emergency vehicle access.
- e) <u>Result in inadequate emergency access?</u> **No Impact.** The development will meet all access requirements of the San Ramon Valley Fire Protection District.
- f) Result in inadequate parking capacity? **No Impact.** The project will satisfy the Town parking requirements as specified within the Town's Single Family Residential Zoning District Ordinance. The Ordinance requires that two enclosed off-street parking spaces be provided per single family residence. The development would be in compliance with the applicable parking requirement.
- g) <u>Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?</u> **No Impact.** The project does not conflict with any transportation plans.

XVII. UTILITIES AND SERVICE SYSTEMS: Would the project:

- a) <u>Exceed wastewater treatment requirements of the applicable Regional Water</u> <u>Quality Control Board?</u> **Less than Significant Impact.** The project will be required to comply with all stormwater quality requirements. A Stormwater Control Plan has been submitted and will be followed.
- 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? Less than Significant Impact. The development is within the Contra Costa County Central Sanitary District boundaries, and will be served by the District. Appropriate mitigation fees will be collected by the District.
- 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? Less than Significant Impact. The project will include standard drainage improvements and the construction of these facilities does not have the potential to create significant adverse environmental impacts.

- d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? Less than Significant Impact. The project is within the boundaries of the East Bay Municipal Utilities District. The district has indicated that they will serve the project. Appropriate mitigation fees will be collected by the District.
- 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? Less than Significant Impact. The development is within the Contra Costa County Central Sanitary District boundaries, and will be served by the District. Appropriate mitigation fees will be collected by the District.
- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs? Less than Significant Impact. The area solid waste provider has indicated that they will serve the project.
- g) <u>Comply with federal, state, and local statutes and regulations related to solid waste?</u> Less than Significant Impact. The development will be required to comply with all federal, state, and local statutes regarding solid waste.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE: Would the project:

- All Have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? Less than Significant Impact. There is no evidence that the project will degrade the quality of the environment, reduce the habitat of a wildlife species or reduce the range of a rare or endangered plant or animal. The project does not have the potential to eliminate important examples of major periods of California history or prehistory.
- 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)? No Impact. The project does not have impacts that are individually limited, but cumulatively considerable.
- c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? **No Impact.** The project has no potential to cause substantial adverse effects on human beings, either directly or indirectly.