

DRAFT

**TOWN OF APPLE VALLEY  
MITIGATED NEGATIVE DECLARATION/INITIAL STUDY**

Project Title:	Tentative Tract Map No. 20304
Assessor's Parcel No.	0472-351-44
Lead Agency Name and Address:	Town of Apple Valley 14955 Dale Evans Parkway Apple Valley, CA 92307
Project Location:	East side of Choco Road, north of Husana Road. SW ¼ of Section 31 of Township 6 North, Range 3 West. USGS <i>Apple valley North California 7.5'</i> Quadrangle.
Project Sponsor's Name and Address:	Thomas Hrubik PO Box 2611 Apple Valley CA 92307
General Plan Designation(s):	Single Family Residential (R-SF)
Zoning:	Residential Equestrian(R-EQ)
Contact Person:	Town of Apple Valley (760) 240-7000, Ext. 7222/ <a href="mailto:cmiller@applevalley.org">cmiller@applevalley.org</a>
Date Prepared	May 2020

**1. Description of the Project**

The proposal is to subdivide approximately fifty-five (55) acres into ninety-three (93) single-family lots. All lots are single-family residential and will range in size from 18,000 to 65,562 square feet with an average lot size of 21,217 square-feet. At this time a housing product has not been proposed. The subject area was the fourth phase of TTM 14515; however, this unrecorded phase of the map ultimately expired.

**2. Environmental Setting and Surrounding Land Uses**

The subject site is vacant and is relatively undisturbed; however, previous tract development rough graded the future roads. The greatest disturbance is near Choco Road, where trespass trails and dirt has been dumped. There are only two (2) Joshua Trees present on the site. Topographically, the site is relatively flat at an elevation of 3,185-feet above mean sea level.

The site is bordered to the west (across Choco Rd) by single family homes and lots under construction within an existing subdivision. The lands to the north and east are vacant. Southerly of the site is a single family residence and vacant land.

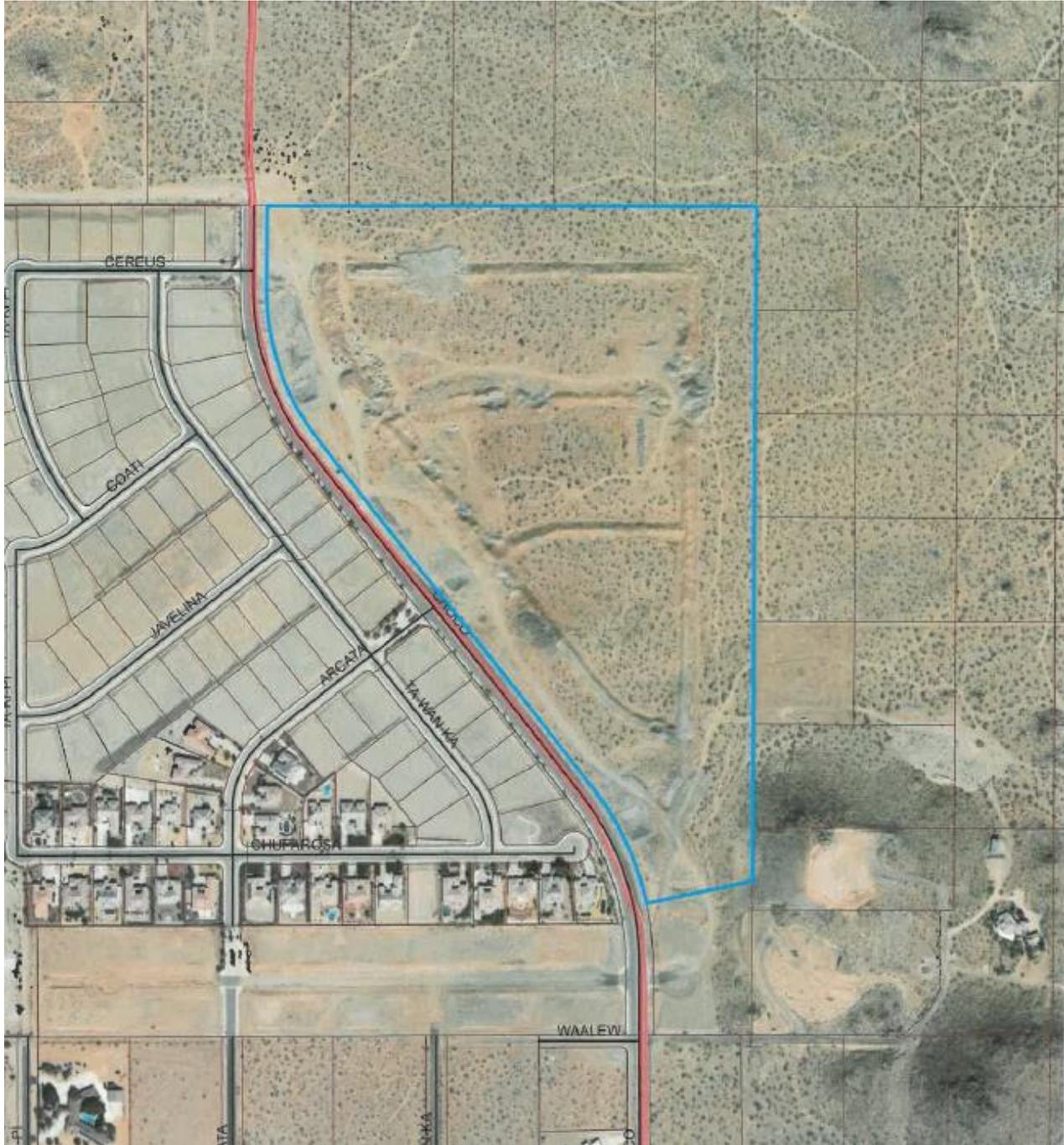
**3. Other public agencies whose approval is required**

None

**4. California Native American tribes**

Pursuant to the requirements of Assembly Bill 52, the Town has received requests for consultation from Cabazon Band of Mission Indians, San Manuel Band of Mission Indians, Twenty-Nine Palms Band of Mission Indians and Torrez-Martinez Desert Cahuilla Indians. Notices were sent and the formal consultation period commenced on February 28, 2020 and ended on March 30, 2020. One (1) response was received from The San Manuel Band of Mission Indians (SMBMI) that indicated the project site is within the Tribe's ancestral territory; however, the site is just outside of the more sensitive Serrano landscape. SMBMI recommended language for Conditions of Approval in the event cultural resources are discovered during project activities.

Exhibit 1 – Project Aerial





**Environmental Factors Potentially Affected:**

The environmental factors checked below would be potentially affected by this project, as indicated by the checklist and corresponding site-specific discussion on the following pages.

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aesthetics                         | <input type="checkbox"/> Agricultural & Forestry Resources | <input checked="" type="checkbox"/> Air Quality |
| <input checked="" type="checkbox"/> Biological Resources    | <input type="checkbox"/> Cultural Resources                | <input type="checkbox"/> Geology/Soils          |
| <input type="checkbox"/> Hazards & Hazardous Materials      | <input type="checkbox"/> Tribal Cultural Resources         | <input type="checkbox"/> Wildfires              |
| <input type="checkbox"/> Greenhouse Gases                   | <input 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 type="checkbox"/> Public Services                    | <input type="checkbox"/> Recreation                        | <input type="checkbox"/> Transportation         |
| <input type="checkbox"/> Energy                             | <input type="checkbox"/> Utilities/Service Systems         |   |
| <input type="checkbox"/> Mandatory Findings of Significance |  |   |

**DETERMINATION:** The Town of Apple Valley Planning Department has determined, 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 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 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.

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Carol Miller  
Assistant Director of Community  
Development

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Date

**PURPOSE OF THIS INITIAL STUDY**

This Initial Study has been prepared consistent with CEQA Guidelines Section 15063, to determine if the project, as proposed, may have a significant effect upon the environment. Based upon the findings contained within this report, the Initial Study will be used in support of the preparation of a Mitigated Negative Declaration.

**EVALUATION OF ENVIRONMENTAL IMPACTS**

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on project-specific screening analysis).
- 2) All answers must take into account the whole action involved, including offsite as well as onsite, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant with Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures, which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) The explanation of each issue should identify:
  - a) The significance criteria or threshold, if any, used to evaluate each question; and
  - b) The mitigation measure identified, if any, to reduce the impacts to less than significance.

<b>I. AESTHETICS</b>		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>					
a)	Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion of Impacts**

- a. **Less Than Significant Impact.** The proposed project is not located within a Scenic Corridor. However, there are views of the San Bernardino Mountains to the south and southeast provide the dominant scenic vistas from the project site. Other smaller scale mountain ranges are also visible from the project site. The development of the proposed project would result in the construction of ninety-three (93) single-family dwelling units. The construction of the proposed dwelling units does not appear that future homes will obstruct views of the mountains for future residences to north of the site. Therefore, impacts to scenic vistas are considered less than significant.
- b. **Less Than Significant Impact.** The proposed project will not substantially damage scenic resources, including, but not limited, trees, rock outcroppings, and historic buildings within a state scenic highway, because the site is not adjacent to a state scenic highway and there are no rock outcroppings or historic buildings on the site. The site is not located within a State scenic highway as identified by California Department of Transportation. There are no State designated scenic highways located within, on, adjacent to, or near the project site. Therefore, development of the project would not damage scenic resources within a State scenic highway.
- c. **Less Than Significant Impact.** The proposed project site shows some evidence of trespass traversing the site, but the large sections of the site do not show signs of being disturbed, with some scattered native flora. Completion of the proposed project would result in the development of residential uses on the site and removal of any native plants during the grading process. The proposed project will comply with existing Development Code Section 9.31.030 Single Family Architectural Design Standards and the Native Plant Protection Ordinance. For these reasons, the ultimate development of single-family dwellings would not result in degradation of the existing visual character of the proposed project site. Therefore, impacts are considered less than significant.
- d. **Less Than Significant Impact.** Development of the project site would introduce a new source of light and glare in the area in the form of street lighting and outdoor lighting on residential units. While implementation of the proposed project is expected to result in increased light and glare

in comparison with the existing undeveloped nature of the project site, the introduction of light and glare associated with residential uses would be similar to that already occurring in the area to the west. Additionally, the proposed project would be required to adhere to Town standards related to development, including lighting standards contained in the Town's Development Code, Chapter 9.70 Performance Standards, Section H, Light and Glare. Compliance with Town requirements including the Development Code and the Town's design review would reduce the impact of the light sources to off-site locations to a less than significant level.

**II. AGRICULTURAL RESOURCES**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) 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"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion of Impacts**

a-e **No Impact.** The proposed project will have no impact to agricultural resources, including Prime Farmland, Unique Farmland, and Farmland of Statewide Importance. There are no agricultural land uses within the subject property. The site does not contain forest land as defined in Public Resources Code section 12220(g) or timberland as defined in Gov't Code section 51104(g).

**III. 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.

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>

In order to quantify the project's impacts to air quality the CalEEMOD model was used. Development of the proposed project will impact air quality during construction activities and over the long-term operation of the project. These impacts are discussed below.

- a. **Less Than Significant Impact.** The Town of Apple Valley is subject to the jurisdiction of the MDAQMD which sets forth policies and other measures designed to help the District achieve federal and state ambient air quality standards. These rules, along with the MDAQMD CEQA and Federal Conformity Guidelines are intended to satisfy the planning requirements of both the federal and state Clean Air Acts. The MDAQMD also monitors daily pollutant levels and meteorological conditions throughout the District.

The Apple Valley General Plan Land Use Plan serves as the basis for the assumptions used in the MDAQMD's planning documents for air quality maintenance and improvement. The project is consistent with the Town's General Plan, and with development already occurring in the area. Therefore, it will not exceed AQMP assumptions or criteria, or result in inconsistencies with the AQMP.

- b. **Less than Significant Impact with Mitigation:** Air pollution emissions would be produced during the construction phase of the project. The Mojave Desert Air Basin (MDAB) is in non-attainment for PM10, PM2.5, and ozone at the present time. The EPA has classified the portion of the MDAB in which the project is located as moderate non-attainment for the 8-hour ozone standard, non-attainment for the Federal and State PM10 standards, and non-attainment for the State PM2.5 standards. The Mojave Desert Air Quality Management District (MDAQMD) maintains ambient air quality monitoring stations throughout its portion of the MDAB. The air quality monitoring stations within the MDAB closest to the site are the Victorville Station and the Hesperia Station. These stations over the past three years have detected ozone levels that often

exceed the State (one-hour) and Federal (8 hour standards). PM10 and PM2.5 levels never exceeded the Federal 24-hour and annual standards and rarely exceeded the State 24-hour annual standards during the past three years. CEQA defines a cumulative impact as two or more individual effects that together are considerable or that compound or increase other environmental impacts. Fugitive dust and pollutant emissions may be generated during the construction and operational phases of the proposed project and could be significant without mitigation in form of a dust control plan approved by MDAQMD.

The Final Environmental Impact Report (FEIR) prepared for the Town's General Plan identified that potential air quality impacts resulting from implementation of the General Plan would be significant and that there is no mitigation measure available to reduce this impact to less than significant levels. Although the project related emission associated with the project would cumulatively contribute to air quality emission, the impacts would not be more significant than that which were identified in the General Plan FEIR. No new significant air quality impact related to the project will result from the development of the proposed residential uses.

Source: Town of Apple Valley General Plan EIR.

***Air Quality Mitigation Measure***

III.1 Prior to commencing earth-moving activity, the applicant/developer shall prepare and submit a dust control plan to the Mojave Desert Air Quality Management District (MDAQMD) that includes all applicable dust control measures that will be implemented as part of the project and the MDAQMD shall be notified in writing upon the commencement of construction. The dust control plan shall be completed in accordance with MDAQMD requirements and proof of an approved dust control plan shall be submitted to Building and Safety prior to the issuance of a grading permit.

- c. ***Less than Significant Impacts:*** Sensitive receptors located within the vicinity of the proposed project include single-family residences on all sides. On-site grading and construction activities would likely generate temporarily increased levels of particulates and emissions from construction equipment. However, because those emissions created by the proposed project would not exceed State thresholds, the identified sensitive receptors would not be exposed to substantial pollutant concentrations.
  
- d. ***Less than Significant Impact.*** During construction, the various diesel-powered vehicles and equipment in use on the site would create odors. Additionally, the application of architectural coatings and installation of asphalt may generate odors. These odors are temporary and not likely to be noticeable beyond the project boundaries. MDAQMD standards regarding the application of architectural coatings (Rule 1113) and the installation of asphalt surfaces are sufficient to reduce temporary odor impacts to a less than significant level.

Long-term objectionable odors are not expected to occur at the proposed project site. Activities conducted at the proposed project will include typical residential activities and will not generate substantial objectionable odors. Therefore, impacts related to creation of objectionable odors affecting substantial numbers of people are expected to be less than significant.

The Apple Valley General Plan Land Use Plan serves as the basis for the assumptions used in the MDAQMD's planning documents for air quality maintenance and improvement. The project is consistent with the Town's General Plan, and with development already occurring in the area. Therefore, it will not exceed AQMP assumptions or criteria, or result in inconsistencies with the AQMP.

Criteria Air Pollutants

Criteria air pollutants will be released during both the construction and operational phases of the project. The California Emissions Estimator Model (CalEEMod Version 2016-3.2) was used to project air quality emissions generated by the proposed project.

Construction Emissions

The FEIR fully analyzed worst-case construction emissions. (See EIR p. III-30.) Based on those worst-case assumptions, all construction emission impacts were projected to be less than significant. Nonetheless, site-specific construction emission modeling was performed for the proposed project. The construction analysis includes all aspects of project development, including site preparation, grading, building construction, paving, and application of architectural coatings. As shown in Table 1, none of the analyzed criteria pollutants will exceed regional emissions thresholds during the construction phase. Construction air quality impacts of the proposed project will be less than significant.

**Table 1  
Construction-Related Emissions Summary  
Tentative Tract Map No. 20304  
(tons per year)**

Construction Emissions <sup>1</sup>	CO	NO <sub>x</sub>	ROG	SO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
2025-2029 Max per year	2.2	1.9	2.6	4.26	0.70	0.36
MDAQMD Thresholds	100	25	25	25	15	12
Exceed?	No	No	No	No	No	No

Annual emissions, unmitigated.

Source: CalEEMod model, version 2016.3.2 output tables

Operational Emissions

Operational emissions are ongoing emissions that will occur over the life of the project. Emission sources include area sources (such as consumer products and landscape equipment), energy consumption, and mobile sources. As shown in Table 2, none of the analyzed criteria pollutants will exceed regional emissions thresholds during the operation phase. Construction air quality impacts of the proposed project will be less than significant.

**Table 2  
Operational Emissions Summary  
Tentative Tract Map No. 20304  
(tons per year)**

	CO	NO <sub>x</sub>	ROG	SO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Operational Emissions <sup>1</sup>	10.9	2.4	7.04	0.02	2.2	1.36
MDAQMD Thresholds	100	25	25	25	15	12
Exceed?	No	No	No	No	No	No

Annual emissions, unmitigated.

Source: CalEEMod model, version 2016.3.2

<b>IV. BIOLOGICAL RESOURCES</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) 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 checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion of Impacts**

- a. **Less than Significant Impact with Mitigation.** The analysis of the project's effect on candidate, sensitive, or special status species is based on the *General Biological Resource Assessment* dated April 3, 2020, completed by RCA Associates Inc.. Biological surveys were conducted for the desert tortoise (*Gopherus agassizii*), Mohave ground squirrel (*Spermophilus mohavensis*), burrowing owl (*Athene cunicularia hypugaea*), sharp-shinned hawk (*Accipiter striatus*), Mohave Tui Chub, and loggerhead shrike (*Lanius ludovicianus*). The site survey found no sensitive or endangered species on the site. According to RCA, the project area has the potential in the future to be occupied by sensitive species. Therefore, to confirm no special status species have returned to the site, it is recommended that a pre-construction biological

survey be conducted. Mammals possibly occurring on the site as residents or transients include jackrabbits (*Lepus americanus*) and Antelope ground squirrels (*Ammospermophilus leucurus*). Several birds were observed during the surveys including raven, house finch, rock pigeon, morning dove and sage sparrow. A few side-blotched lizards (*Uta stansburiana*), western whiptail lizards (*Cnemidophorus tigris*), Desert night lizards (*Xantusia vigilis*) and desert spiny lizards (*Sceloporus magister*) were observed during the surveys. These species are not listed as threatened, endangered, or sensitive. The study identified no owls or owl signs were seen on the property during the survey in September 2019; however, the study indicates the probability of owls moving onto the site in the future is relatively high based on the location of an active burrow within a few hundred feet of the subject property that was observed April 1, 2020.

**Mitigation Measures:**

BIO-1 A pre-construction survey shall be completed by a qualified biologist not more than 30 days of initiation of any earth moving activity on site. The pre-construction survey shall include an intensive site survey for desert tortoise, Mojave Ground Squirrel, kit fox, burrowing owl and migratory birds. Should any affected species be identified, the biologist shall include recommendations for avoidance in his/her report.

BIO-2 . Pre-Construction Survey. Within 14 days prior to ground disturbance, the Applicant will retain a qualified biologist to conduct burrowing owl surveys. The survey will be performed by walking parallel transects spaced no more than 20 meters apart and will be focused on detecting burrows that are occupied, or are suitable for occupation, by the burrowing owl. The results of the surveys, including graphics showing the locations of any active burrows detected and any avoidance measures required, will be submitted to the Town of Apple Valley and the California Department of Fish & Wildlife (CDFW) within 14 days following completion of the surveys. If active burrows are detected, the following take avoidance measures will be implemented:

- a) If burrowing owls are observed using burrows on-site during the non-breeding season (September through January, unless determined otherwise by a qualified biologist based on field observations in the region), occupied burrows will be left undisturbed, and no construction activity will take place within 300 feet of the burrow where feasible (see below).
- b) If avoiding disturbance of owls and owl burrows on-site is infeasible, owls will be excluded from all active burrows through the use of exclusion devices placed in occupied burrows in accordance with protocols established in CDFW's Staff Report on Burrowing Owl Mitigation (2012). Specifically, exclusion devices, utilizing one-way doors, will be installed in the entrance of all active burrows. The devices will be left in the burrows for at least 48 hours to ensure that all owls have been excluded from the burrows. Each of the burrows will then be excavated by hand and/or mechanically and refilled to prevent reoccupation. Exclusion will continue until the owls have been excluded from the disturbance area, as determined by a qualified biologist.
- c) Any active burrowing owl burrows detected on-site during the breeding season (February through August, unless determined otherwise by a qualified biologist based on field observations in the region), will not be disturbed. Construction activities will not be conducted within 300 feet of an active onsite burrow at this season.

- b. **No impact.** Riparian habitat includes willows, mule fat, and other vegetation typically associated with the banks of a stream or lake shoreline. No riparian habitat exists on site. In

addition, there are no other sensitive natural communities or habitats present on the project site. Therefore, no impact associated with this issue will occur.

- c. **No Impact.** The project site does not contain any drainage features under the jurisdiction of the U.S. Army Corps of Engineers or other Federal agencies. Therefore, implementation of the proposed project will not result in an impact associated with federally protected wetlands.
- d. **Less than Significant Impact.** The biological resources study did not identify any wildlife nurseries on the project site. The study also found that the site is not conducive to wildlife movement. Impacts associated with wildlife movement are expected to be less than significant.
- e. **Less than Significant Impact.** The California Native Plants Act protects California desert native plants from unlawful harvesting on both public and privately owned lands while also providing information necessary to legally harvest native plants to ultimately transplant those plants with the greatest possible chance of survival. While it is the intent and desire of the Town to preserve and protect all Joshua Trees, the study found that one (1) of two (2) Joshua Trees was suitable for transplanting on-site and has recommended removal of the other Joshua Tree.

BIO-3: A qualified approved arborist will be retained to conduct any future transplanting activities and will follow the protocol of the Town's Development Code. A qualified arborist shall develop a watering regimen to ensure the survival of the transplanted Joshua tree.

- f. **Less than Significant Impact.** Areas of valuable habitat that support special status species are illustrated in the Biological Resources Study of the Town's General Plan EIR. The General Plan includes policies and programs intended to ensure that habitat connectivity is preserved in the Town. In addition, a number of special survey areas in the Town's planning area are identified in the General Plan. Species for which surveys are required as part of development applications include Desert Tortoise, Mojave Ground Squirrel, Burrowing Owls, Joshua Trees, and/or Migratory/Nesting/Other Protected Birds. The proposed project would not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional or state habitat conservation plan because no such plan has been adopted in the area of the project site. However, the Town has a draft Multi-Species Habitat Conservation Plan, and at such time the site is to be developed, the project will be subject to the mitigation measures identified in the MSHCP.

<b>V. CULTURAL RESOURCES</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion of Impacts**

- a-b. **Less than Significant Impact.** A cultural resources assessment of the proposed project site was completed by Duke CRM LLC, dated November 2019. A field survey of the site was performed on August 19, 2019. The historic artifacts encountered during the field study were not diagnostic to a time period and were heavily disturbed by modern activity. The condition of these artifacts, combined with the lack of documented archeological resources in the project area, suggests the project site has a low sensitivity for prehistoric archeology. Due to the shallow depth of the soil and previous ground disturbance in the project area, it is not anticipated to encounter intact buried cultural resources, and there is limited potential for impacts to archaeological resources. Therefore, development of the site would be considered a less than significant impact and no mitigation is necessary. During the AB 52 consultation process, correspondence was received by San Manuel Band of Mission Indians (SMBMI), and Jessica Mauck, from its Cultural Resource Management Department, does not believe any cultural resources will be impacted as a result of the project. However, SMBMI requested language for Conditions of Approval in the event cultural resources are discovered during project activities.
- c. **Less than Significant Impact.** The proposed project site is not known to have been utilized for religious or sacred purposes. No evidence is in place to suggest the project site has been used for human burials. During the AB 52 consultation process, correspondence was received by San Manuel Band of Mission Indians (SMBMI), and Jessica Mauck, from its Cultural Resource Management Department, does not believe any cultural resources will be impacted as a result of the project. However, SMBMI requested language for Conditions of Approval in the event cultural resources are discovered during project activities. If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 24 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials. As adherence to State regulations is required for all development, no mitigation is required in the unlikely event human remains are discovered on-site. Impacts associated with this issue are considered less than significant.

<b>VI. ENERGY</b>	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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"/>

**Discussion of Impacts**

- a) Construction of the ninety-three (93) single-family residential homes would require the typical use of energy resources. Energy would be consumed during site clearing, excavation, grading and construction. The construction process would be typical. No site conditions or project features would require an inefficient or unnecessary consumption of energy. The project has been designed in compliance with California's Energy Efficiency Standards and 2019 CALGreen Standards. These measures include:
- Stormwater drainage and retention during construction (BMPs);
  - Water conserving plumbing fixtures and fittings;
  - Compliance with the Town's Water Efficient Landscape Ordinance (Development Code Chapter 9.75)
  - Construction Waste Diversion
  - All other mandatory CALGreen requirements for residential development.

Operation of the proposed residential units would involve the use of energy for heating, cooling, and equipment operation. These facilities would comply with all applicable California Energy Efficiency Standards and 2019 CALGreen Standards or the standards at the time of construction.

Neither the construction or operation of the Project would result in wasteful, inefficient, or unnecessary consumption of energy or wasteful use of energy resources. Therefore, impacts related to wasteful energy use would be less than significant, directly, indirectly or cumulatively.

- b) The project has been designed in compliance with California's Energy Efficiency Standards and 2019 CALGreen Standards as noted above. The Project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency; therefore, impacts would be less than significant, directly, indirectly, or cumulatively.

**VII. GEOLOGY AND SOILS**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>VII. GEOLOGY AND SOILS</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>a (i). <b>No Impact.</b> The sites are not located within the boundaries of an earthquake fault zone for fault-rupture hazard as defined by the Alquist-Priolo Earthquake Fault Zoning Act. No known active or potentially active faults traverse the site as shown on the California Geologic Survey Map (2002). Therefore, no impact associated with the rupture of a known earthquake fault would occur.  <b>Source:</b> Town of Apple Valley, General Plan EIR</p>				
<p>a(ii) <b>Less than Significant Impact.</b> Like all of southern California, the Mojave Desert is a seismically active region. According to the geotechnical investigation prepared for the project, the faults most likely to affect the project site are the North Frontal, Helendale-Lockhart, Lenwood-Lockhart, San Andreas, Cucamonga, Cleghorn, and Landers fault zones. The proposed project site is located in a seismically active area and, therefore, will continue to be subject to ground shaking resulting from activity on local and regional faults.</p>				
<p>a(iii) <b>Less Than Significant Impact.</b> Liquefaction occurs when groundwater is located near the surface (within 50 feet), and mixes with surface soils during an earthquake. The site is not included within any geologic hazard map as being located within an area with a</p>				

liquefaction hazard and is not considered a hazard due to the great depth to groundwater. Impacts associated with liquefaction are less than significant.

- a (iv). **No Impact.** The site is not located within an area that could be susceptible to any landslides.
- b. **Less than Significant Impact.** The proposed project will require the excavation and movement of on-site soils to create the residential pads and proposed new roadways. Currently, construction projects resulting in the disturbance of 1.0 acre or more are required to obtain a National Pollutant Discharge Elimination System (NPDES) permit issued by the Regional Water Quality Control Board (RWQCB). The project's construction contractor will be required to prepare a Storm Water Pollution Prevention Plan (SWPPP) that identifies Best Management Practices (BMPs) to limit the soil erosion during project constructions. Adherence during construction to provisions of the NPDES permit and applicable BMPs contained in the SWPPP will ensure that potential impacts related to this issue are less than significant.
- c. **Less than Significant Impact.** As discussed above, the proposed project site is considered to have a very low potential for liquefaction. The proposed project does not include wells or other uses that will withdraw groundwater. Subsidence of older alluvial materials at the project site is estimated to be 0.05 foot. Additionally, the artificial fill and windblown sand of older alluvium at the site (generally the upper one to three feet and locally up to seven to ten feet) are considered unsuitable to support pavement, fill, structures, walls, or other improvements in their current state. As such, the proposed project site could result in significant impacts related to unstable soil. Adherence to the UBC, CBC, and Town design and engineering standards would ensure impacts associated with unstable soil remain less than significant.
- d. **No Impact.** As identified in the geotechnical study, the soils within the project site are not expansive. The study confirmed that expansive soils do not occur on the site. No impact is anticipated.
- e. **No Impact.** The proposed project will connect to the existing sanitary sewer system. Because septic or alternative waste disposal systems will not be utilized, no impact related to this issue will occur.
- f. **Less than Significant Impact.** The project site is not located within an area identified as highly sensitive for paleontological resources as shown in Exhibit III-5 of the General Plan FEIR.

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

**Discussion of Impacts**

a-b. **Less Than Significant Impact.** Both construction and operation of the project will generate greenhouse gas (GHG) emissions. Construction emissions will be generated by a variety of sources, including the operation of construction equipment and energy usage. Construction impacts will be temporary and will end once the project is complete. Typically, they can be minimized by limiting idling times, proper maintenance of heavy machinery, and efficient scheduling of construction activities. Long-term operation of the project will generate GHG emissions from area sources, energy and water usage, mobile sources, and waste disposal.

The project will not exceed the threshold for GHG emissions. Statewide programs and standards, including new fuel-efficient standards for cars and expanding the use of renewable energies, will help reduce GHG emissions over the long-term. The project will be required to comply with standards and regulations for reducing GHG emissions, including the Town's Climate Action Plan and other GHG reducing strategies, including high efficiency HVAC and high efficiency fans. The proposed project will also be required to comply with Title 24 of the California Building Code. These standard requirements and Town initiatives will ensure that GHG emissions from the project are less than significant.

The California Emissions Estimator Model (CalEEMod Version 2016.3.2) was used to estimate greenhouse gases emitted by the project. The results are shown in Table 3.

**Table 3  
Annual GHG Emissions  
Tentative Tract Map 20304  
(Metric Tons/Year)**

CO2e	Threshold	Exceeds?
18,625	100,000	No

CalEEMod model, version 2016.3.2. Values shown represent the total annual, unmitigated GHG emission projections for construction and operation of the proposed project.

<b>IX. HAZARDS AND HAZARDOUS MATERIALS</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
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"/>
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"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>IX. HAZARDS AND HAZARDOUS MATERIALS</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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"/>
a,b) <b>No Impact.</b> The proposed project consists of the subdividing the land and the eventual construction of residential homes. This land use will not involve the production, storage, or distribution of hazardous substances except normally occurring household hazardous wastes (such as cleaning products and paints). The range of land use activities proposed on the project site would not allow for the use, storage, disposal, or transport of large volumes of toxic, flammable, explosive, or otherwise hazardous materials that could cause serious environmental damage in the event of an accident. No impact anticipated.				
c) <b>No Impact.</b> As the proposed development includes only residential dwelling units, which do not emit hazardous emissions or handle hazardous materials, no impacts associated with this issue are anticipated.				
d) <b>No Impact.</b> This project is not on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. Therefore, this project would not create a significant hazard to the public or the environment. No impact is anticipated.				
e) <b>Less than Significant Impact.</b> The subject area is located within two-miles of a designated airport land use. The Apple Valley Airport is located approximately 1.8 miles northeasterly of the subject site. The Town will consult with the county to assure compatibility.				
f) <b>Less than Significant Impact.</b> Implementation of the proposed project will increase the number of residential dwelling units within the Town. Development of the proposed project will generate an increase in the amount and volume of traffic on local and regional networks. The developers of the proposed project will be required to design and construct				

applicable roadways to comply with applicable local, regional, State and/or Federal requirements related to emergency access and evacuation plans. Construction activities, which may temporarily restrict vehicular traffic, will be required to implement measures to facilitate the passage of persons and vehicles through/around any required road closures. Adherence to these measures will reduce potential impacts related to this issue to a less than significant level.

- g. **Less than Significant Impact.** The magnitude and severity of a wildfire event is measured by calculating the number of acres burned in a specific wildfire event. CAL Fire adopted a Fire Hazard Severity Zone map for the local responsible agencies in 2008, which is found within the Town's Hazard Mitigation Plan for 2017. The Fire Severity Zones are identified as Very High, High, and Moderate through the County of San Bernardino. Apple Valley has nothing higher than moderate fire hazard severity. The project is not within an area mapped as a high fire danger and it does not directly interface with wildlands; therefore, there will be a less than significant impact.

**X. HYDROLOGY AND WATER QUALITY**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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				
(i) Result in substantial erosion or siltation on- or off-site;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(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"/>
(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"/>

**X. HYDROLOGY AND WATER QUALITY**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
(iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) In flood hazard, tsunami, or seich zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion of Impacts**

- a. **Less than Significant Impact.** The proposed project will be required to connect to the Town's domestic water and sanitary sewer systems. Liberty Utilities Water provides water service to the site, and the Victor Valley Wastewater Reclamation Authority provides sanitary sewage treatment for the site. Both these agencies are required to comply with the requirements of the State Regional Water Quality Control Board relating to water quality standards and wastewater discharge requirements. Furthermore, as a development project with a disturbance area of greater than 1 acre, and a significant increase in impervious surfaces, the Applicant will be required to obtain coverage under the State Water Resources Control Board (SWRCB) Construction General Permit and be consistent with the General Permit for Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems.

The Construction General Permit requires the development and implementation of a stormwater pollution prevention plan (SWPPP), which would include and specify water quality best management practices (BMPs) designed to prevent pollutants from contacting stormwater and keep all products of erosion from moving off site into receiving waters. Routine inspection of all BMPs is required under the provisions of the Construction General Permit, and the SWPPP must be prepared and implemented by qualified individuals as defined by the SWRCB. The project applicant must submit a Notice of Intent (NOI) to the SWRCB to be covered by a NPDES permit and prepare the SWPPP prior to the beginning of construction. The applicant will be required to provide the Town of Apple Valley with its waste discharge identification number (WDID) as evidence that it has met the requirements of the Construction General Permit prior to beginning construction activities.

SWRCB permits require through a combination of specific plan design standards, drainage impact fees, and general Mitigation Measures. As compliance with these permits would be required as a condition to receive authorization to construct, no impact is expected.

- b. **Less than Significant Impact.** The project will not 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 because the project will be served by an existing water purveyor (Liberty Utilities) that has indicated that there is currently sufficient capacity in the existing water system to serve the anticipated needs of the project.

- c. **Less than Significant Impact.** The existing surface drainage on the site follows the surface contours that drain to the southwest via sheet flow. The project will include on-site water conveyance lots and one lot for water retention. All drainage facilities must be improved which will result in a less than significant impact.
- d. **No Impact.** The proposed project is not located in a flood zone, tsunami, or seich zones and therefore, no impact is anticipated.
- e. **Less than Significant Impact.** The proposed project will be required to connect to the Town's sanitary sewer systems. Liberty Utility will provide water service to the site, and the Victor Valley Wastewater Reclamation Authority provides sanitary sewage treatment for the site. Both these agencies are required to comply with the requirements of the State Regional Water Quality Control Board relating to water quality standards and wastewater discharge requirements. Furthermore, as a development project with a disturbance area of greater than 1 acre, and a significant increase in impervious surfaces, the Applicant will be required to obtain coverage under the State Water Resources Control Board (SWRCB) Construction General Permit (SWRCB Order 2010-0014-DWQ) and be consistent with the General Permit for Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (SWRCB Order 2013-0001 DWQ, or Small MS4 Permit). Each of these permits are described below:

The Construction General Permit requires the development and implementation of a stormwater pollution prevention plan (SWPPP), which would include and specify water quality best management practices (BMPs) designed to prevent pollutants from contacting stormwater and keep all products of erosion from moving off site into receiving waters. Routine inspection of all BMPs is required under the provisions of the Construction General Permit, and the SWPPP must be prepared and implemented by qualified individuals as defined by the SWRCB. The project applicant must submit a Notice of Intent (NOI) to the SWRCB to be covered by a NPDES permit and prepare the SWPPP prior to the beginning of construction. The applicant will be required to provide the Town of Apple Valley with its waste discharge identification number (WDID) as evidence that it has met the requirements of the Construction General Permit prior to beginning construction activities.

Furthermore, the SWRCB has designated the Town of Apple Valley as a Traditional Small MS4. As part of Phase II regulations promulgated by the U.S. Environmental Protection Agency, the SWRCB adopted the Small MS4 Permit, which requires MS4s serving populations of 100,000 people or less to develop and implement a stormwater management plan with the goal of reducing the discharge of pollutants to the maximum extent possible. As a permittee under the Small MS4 Permit, the Town of Apple Valley is required to condition development projects to be compliant with the standards contained in Section E.12 of the Small MS4 Permit. All development projects (that create or replace more than 5,000 square feet of impervious surfaces) seeking approvals from the Town are required integrate source control BMPs and low impact development (LID) designs into the proposed project to the maximum extent feasible to reduce the potential for pollutants to enter stormwater runoff. This includes site design best management practices (as applicable), such as minimizing impervious areas, maximizing permeability, minimizing directly connected impervious areas, creating reduced or "zero discharge" areas, incorporating trees and landscaping, and conserving natural areas. Facilities must be designed to evapotranspire, infiltrate, harvest/use, and/or biotreat storm water to meet at least one of the hydraulic sizing design criteria contained in the Phase II Small MS4 Permit.

<b>XI. LAND USE AND PLANNING</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>

**Discussion of Impacts**

a,b: **No Impact.** The project proposes development on vacant land adjacent to existing residential development to the west across Choco Rd. The project represents a continuation of the surrounding residential uses. Development of the site will not divide an existing neighborhood, nor would it introduce a barrier between residential uses. Therefore, no impacts associated with physically dividing an established neighborhood are anticipated.

<b>XII. MINERAL RESOURCES</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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"/>
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"/>

**Discussion of Impacts**

a. **No Impact.** The sites are not designated as a State Aggregate Resource Area according to the General Plan FEIR; therefore, there is no impact.

b. **No Impact.** The sites are not designated by the General Plan as a Mineral Resource Zone; therefore, there is no impact.

<b>XIII. NOISE</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project result in:</b>				
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion of Impacts**

a. **Less than Significant Impact with Mitigation.** Sensitive receptors within the project vicinity that may be affected by increased noise levels associated with the proposed project include single-family residences adjacent to the site. These sensitive land uses may be potentially affected by noise generated during construction and operation of the proposed project. The proposed project has the potential to cause noise levels to exceed the standards within the Town Code during construction and operational phases. Short-term noise increases from the proposed project would be generated during grading and construction activities. These activities would be short-term and would be subject to the construction activity restrictions in the Town Code. With implementation of the identified mitigation measures, potential short term construction and long-term operational noise impacts would be reduced to below a level of significance. The subject site is adjacent to Choco Road, a noise impact roadway at ultimate building out. A Noise Study was prepared by Eilar Associates Inc dated September 2019. The study concluded that as the tract is designed, the noise impacts are not expected to exceeded 65 dBA CNEL at any outdoor use areas of the project site.

**Mitigation Measures**

**N-1** A six (6)-foot high solid concrete masonry wall constructed along Choco Road.

**N-2** As otherwise required by Title 24 and building codes for energy efficiency the homes will be equipped double pane insulating windows and sliding glass door will provide further noise attenuation with a rating of 26 or greater.

**Short-Term Construction-Related Impacts.** The following measures would reduce short-term construction-related noise impacts associated with the proposed project:

**N-3** The construction contractor shall equip all construction equipment, fixed or mobile, with properly operating and maintained mufflers consistent with manufacturers' standards.

**N-4** The construction contractor shall place all stationary construction equipment so that emitted noise is directed away from sensitive receptors to the east of the site.

**N-5** The construction contractor shall locate equipment staging in areas that will create the greatest distance between construction-related noise sources and noise-sensitive receptors to the east of the site during all project construction.

**N-6** All construction, maintenance, or demolition activities within the Town's boundary shall be limited to the hours of 7:00 a.m.–7:00 p.m. of any working day Monday through Friday, and all construction, maintenance, or demolition activities shall be prohibited on Saturdays, Sundays and holidays. Exceptions to these standards may be granted by the Town Council. Sundays and holidays. Exceptions to these standards may be granted by the Town Council.

- b. **Less than Significant Impact.** Construction of and operation of the uses associated with this type of project do not induce substantial groundborne vibrations. As such, a less than significant impact is anticipated.
- c. **No Impact.** The subject area is not located in the vicinity of a designated airport land use, private airstrip, or within two-mile radius of a public airport; therefore, no impact is anticipated.

**XIV. POPULATION AND HOUSING**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion of Impacts**

a. **Less than Significant Impact.** The proposed project site consists of the construction of ninety-three (93) dwelling units. These new dwelling units would induce population growth to the area. The proposed project site is currently designated as residential use in the General Plan. The proposed residential uses meet the Town's goal of providing housing opportunities for the increasing population within the Town of Apple Valley. As the proposed project is consistent with and has been anticipated by the Town's General Plan, a less than significant growth inducing impact would be associated with development of the project site.

**Source:** Apple Valley General Plan, Housing Element.

- b) **No Impact.** The proposed project site is currently vacant and, therefore, no displacement of housing or residents will occur. Replacement housing will not be required, and no impact associated with this issue will occur.

**XV. PUBLIC SERVICES**

<b>Would the project result in:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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:				
a) Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion of Impacts**

- a) **Less than Significant Impact.** Fire service would be provided to the project uses by the Apple Valley Fire Protection District. The proposed project is located approximately 2 miles from the station located on Highway 18 and Kamana. Due to the close proximity of the fire station, the proposed project would be within the standard respond times of the Fire Protection District. However, as with any new development, the proposed project would increase the need for fire protection services within the Town. As a result, the applicant for the construction of the new dwelling units will be required to pay applicable fire service fees prior to occupancy. The payment of fees satisfies the requirements for development impacts on fire services. With the payment of the fire service fee, potential impacts related to the provision of fire services would be reduced to a less than significant level.

**Source:** Town of Apple Valley, General Plan EIR

- b) **Less than Significant Impact.** The Town of Apple Valley provides law enforcement services for residents and businesses within the Town limits via a contract with the San Bernardino County Sheriff's Department. The Sheriff station is located at 14931 Dale Evans Parkway. Based on the projected increase in population at build-out, the project does not warrant an additional police officer. Further, the construction of new dwelling units will be required to pay applicable law enforcement facilities fee prior to occupancy. The payment of fees satisfies the requirements for development impacts on police facilities. With the payment of the law

enforcement facilities fees, potential impacts related to the provision of police services would be reduced to a less than significant level.

**Source:** Town of Apple Valley, General Plan EIR and Building & Safety Impact Fee Schedule

c. **Less than Significant Impact.** Implementation of the proposed project will lead to the construction of ninety-three (93) residential dwelling units that would house school-aged children. The Apple Valley Unified School District would serve the project site. Section 65995 of the California Government Code requires developers to pay a onetime fee for school capital acquisitions and improvements and prohibits state or local agencies from imposing school impact mitigation fees, dedications or other requirements in excess of those provided in the statute. As such, the applicant for the construction of the new dwelling units proposed in the project is required to pay applicable school fees prior to occupancy. The payment of fees satisfies the requirements for the development impacts on school facilities. With the payment of school impact mitigation fees, potential impacts related to the provision of schools would be reduced to a less than significant level.

**Source:** Town of Apple Valley, General Plan EIR

d. **Less than Significant Impact.** The proposed development of approximately ninety-three (93) dwelling units would increase the current population. The increase in population would result in increased demand for and use of local parks. In order to reduce potential impacts upon local parks, the proposed project is required to pay Quimby Fees to pay its fair share for park facilities. Through the development impact fees, the impact upon park facilities would be reduced to less than significant.

e. **Less than Significant Impact.** The development will not exceed demand that has been previously considered in The Town's General Plan EIR.

**XVI. RECREATION**

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>Would the project:</b>				
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"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion of Impacts**

a. **Less than Significant Impact.** The project proposes development of ninety-three (93) dwelling units, which would increase the current population. This population increase may result in impacts to local and regional park facilities. The project site is located in close proximity to many regional recreational opportunities. There is a total of thirteen (13) local parks within the Town's jurisdictional boundaries. Two (2) of the thirteen (13) parks are located approximately 2.5 miles from the project site and would be used by residents within the proposed project. These parks include Corwin Park and Brewster Park. This is a request to subdivide approximately fifty-five (55) acres into ninety-three (93) single-family

residential lots in the Residential Equestrian (R-EQ) zoning designation for future residential development will increase the use of existing neighborhood and regional parks or other recreational facilities. Per the Town Code, the Park Development fee will be assessed per dwelling unit.

- b. **No Impact.** The proposed project does not include recreational facilities and would not induce the need for any construction or expansion of recreational facilities. No impact is anticipated.

**XVII. TRANSPORTATION**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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"/>
b) Would the project 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"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion of Impacts**

- a. **Less than Significant Impact.** Primary access to the site will be provided via Choco Road, with two access points from Choco Road. Regional access to the site is provided by Interstate 15 via an interchange on Highway 18. The proposed project would increase the existing traffic load along these roadways as well as impact others within the vicinity of the project site. The roadway adjacent to the development will be required to be improved to the Town's road standards and is consistent with the Circulation Map. The project requires payment of traffic impact fees to reduce regional traffic impacts
- b. **No Impact.** CEQA Guidelines section 15064.3(c) provides that a lead agency "may elect not be governed by the provisions" of the section immediately; otherwise, the section's provisions apply July 1, 2020. Here, the Town has not elected to be governed by Section 15064.3. Accordingly, an analysis of vehicles miles traveled (VMT) is not necessary to determine whether a proposed project will have a significant transportation impact.
- c. **No Impact.** The project does not include the construction of any sharp curves. The new intersections to be created as part of the project mostly align with existing roadways. As the project does not include the construction of any structure or feature that will create a substantial increase in hazards due to a design feature, no impacts are anticipated.

- d. **No Impact.** The project will be designed to provide access for all emergency vehicles and, therefore, will not create inadequate emergency access. Primary access would be provided on Choco Road with two access points. The Town of Apple Valley has not developed a formal evacuation plan; however, the Apple Valley Fire Protection District will review the tract map for adequate emergency access and development requirements as conditions of approval. No impacts are anticipated.

**XVIII. TRIBAL RESOURCES**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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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 Public Resources Code section 5020.1(k), or   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| ii) A resource determined by the lead 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, the lead agency shall consider the significance of the resource to a California Native American tribe. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

a) i-ii. **Less than Significant Impact** A cultural resources assessment of the proposed project site was completed by Duke CRM dated November 2019. A field survey of the site found no cultural resources of any kind. Therefore, development of the site would be considered a less than significant impact and no mitigation is necessary. The study found no prehistoric resources on the project site and no resources recorded within a mile of the site. The study also included outreach and consultation with Native American Tribes. During the AB 52 consultation process, correspondence was received by San Manuel Band of Mission Indians (SMBMI), and Jessica Mauck, from its Cultural Resource Management Department, does not believe any cultural resources will be impacted as a result of the project. However, SMBMI requested language for Conditions of Approval in the event cultural resources are discovered during project activities.

**XIX. UTILITIES AND SERVICE SYSTEMS**

<b>Would the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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"/>
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"/>
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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"/>
e) Comply 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"/>

**Discussion of Impacts**

- a. **Less than Significant Impact.** There are existing utilities in the area to serve the project site. The construction of ninety-three (93) single-family homes will require the extension of existing service lines; however, the construction of new facilities or the relocation of existing facilities will not be required.
- b. **Less than Significant Impact.** Liberty Utilities will provide domestic water services to the subject property. The project is required to construct new domestic waterlines to serve the site.
- c. **Less than Significant Impact.** Wastewater treatment services to the project would be provided by the VVWRA. The VVWRA is a California Joint Powers Authority that owns and operates regional wastewater collection and treatment facilities which services the Victor Valley. For the construction of the new dwelling units, the project is required to satisfy RWQCB and VVWRA payment of fees. The payment of fees satisfies the requirements for the development impact on wastewater treatment facilities. For these reasons, impacts to wastewater treatment facilities would be less than significant. The proposed project water services are provided by Liberty Utility.

d-e. **Less than Significant Impact.** The Town contracts for solid waste disposal with Burrtec Waste Industries. Solid waste is hauled to the Victorville landfill, which is a County operated facility. The proposed project will generate solid waste consistent with that analyzed in the Town's General Plan EIR. Impacts associated with solid waste generation are expected to be less than significant.

**XX. WILDFIRES**

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>
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"/>
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"/>
a. <b>Less than Significant Impact.</b> Implementation of the proposed project will increase the number of residential dwelling units within the Town. Development of the proposed project will generate an increase in the amount and volume of traffic on local and regional networks. The developers of the proposed project will be required to design and construct applicable roadways to comply with applicable local, regional, State and/or Federal requirements related to emergency access and evacuation plans. Construction activities, which may temporarily restrict vehicular traffic, will be required to implement measures to facilitate the passage of persons and vehicles through/around any required road closures. Adherence to these measures will reduce potential impacts related to this issue to a less than significant level.				

- b. **Less than Significant Impact.** The magnitude and severity of a wildfire event is measured by calculating the number of acres burned in a specific wildfire event. CAL Fire adopted a Fire Hazard Severity Zone map for the local responsible agencies in 2008, which is found within the Town's Hazard Mitigation Plan for 2017. The Fire Severity Zones are identified as Very High, High, and Moderate through the County of San Bernardino. Apple Valley has nothing higher than moderate fire hazard severity. The project area is located within a Fire Hazard Area that is mapped as "Moderate". The project is not within an area mapped as a high fire danger and it does not directly interface with wildlands; therefore, there will be a less than significant impact.
- c. **No Impact.** The project will not require the installation or maintenance of associated infrastructure that would exacerbate fire risk, or that may result in temporary or ongoing impacts to the environment and as such will have a no impact, directly, indirectly, or cumulatively.
- d. **No Impact.** The project is not located within an area susceptible to downslope or downstream flooding or landslides due to post-fire slope instability or drainage changes.

**XXI. MANDATORY FINDINGS OF SIGNIFICANCE**

<b>Does the project:</b>	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) 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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. <b>Less than Significant Impact.</b> The site is not within designated or proposed critical habitat for threatened or endangered species. Additionally, the proposed project site does not contain				

any wetlands, or riparian habitat. The proposed project site was identified as containing suitable habitat for burrowing owls.

- b. **Less than Significant Impact.** With implementation of mitigation contained in this Initial Study, environmental impacts associated with the project will be reduced to a less than significant level; therefore, the proposed project does not have the potential to achieve short-term environmental goals to the disadvantage of long-term environmental goals.
- c. **Less than Significant Impact with Mitigation.** The proposed project site is located within an area designated by the Town for residential uses. While development of the proposed project would generate fugitive dust and pollutant emissions during construction, it would not result in any significant operational air quality impacts. Thus, it is not anticipated that these additional emissions would result in significant cumulative air quality impacts. Impacts related to biological resources, cultural resources, geology and soils, hazards, noise, public services, traffic and utilities and services are similarly reduced to a less than significant level through the implementation of mitigation measures and the adherence to established Town-mandated standards. There are no projects that, in combination with the proposed project would create a cumulatively considerable impact over and above those identified in this Initial Study/Mitigated Negative Declaration. The potential cumulative impacts associated with development of the proposed project are, therefore, less than significant.

**REFERENCES**

California Department of Water Resources, Bulletin #118 (Critical Regional Aquifers), 1975  
County of San Bernardino, Countywide Integrated Waste Management Plan, March 1995  
Town of Apple Valley General Plan, 2009  
Town of Apple Valley Climate Action Plan (CAP), 2016  
Environmental Impact Report (EIR), Town of Apple Valley General Plan, 2009  
Town of Apple Valley Hazard Mitigation Plan, 2017  
County of San Bernardino Identified Hazardous Materials Waste Sites List, April 1998  
Federal Emergency Management Agency Flood Insurance Rate Map and Flood Boundary Map 06071C6505J.  
Mojave Desert Air Quality Management District, Mojave Desert Planning Area – Federal Particulate Matter (PM10) Attainment Plan,  
Mojave Desert Air Quality Management District, Rule 403.2: Fugitive Dust Control Planning Area,  
South Coast Air Quality Management District, CEQA Air Quality Handbook,  
Eilar Associates Inc., Noise Study, September 6, 2019  
RCA Associates, Inc, Biological Resource Assessment, April 3, 2020  
RCA Associates, Inc, Native Plant Study, April 2020  
Duke CRM, Cultural & Paleontological Resources Assessment November 2019