

COUNTY OF NAPA
CONSERVATION, DEVELOPMENT & PLANNING DEPARTMENT
1195 THIRD ST., SUITE 210
NAPA, CA 94559
(707) 253-4416

Initial Study Checklist
(form updated September 2010)

1. **Project Title:** Amorim Cork & Capsule, Use Permit (P11-00469-UP)
2. **Property Owner:** Pedro Fernandes c/o Amorim Cork America, 2757 Napa Valley Corporate Drive #A, Napa CA 94558
3. **Napa County contact person, phone number and e-mail:** Sean Trippi, Principal Planner, (707) 253-4417, sean.trippi@countyofnapa.org
4. **Project location and APN(s):** Located on a 3.36 acre site between Devlin Road and State Highway 29, approximately 990-feet north of Sheehy Court within an Industrial Park: Airport Compatibility (IP:AC) zoning district. APN: 057-250-005. Napa.
5. **Project Sponsor's Name and Address:** Harvey Shein, 6875 Enterprise Road, Glen Ellen, CA 95442.
6. **General Plan description:** Industrial
7. **Zoning:** Industrial Park: Airport Compatibility (IP:AC)
8. **Project Description:** Approval of a use permit to construct an approximately 35-foot high concrete tilt-up building with approximately 48,133 square feet of floor area for warehousing, distribution and administrative office area for a cork stopper company. Bulk shipments of cork stopper products are received, unpacked, label enhanced and repacked for direct customer shipments. The project site lies between State Highway 29 to the east and Devlin Road to the west. Access would be provided from two new driveways on Devlin Road. No access is proposed or permitted from the highway. On-site parking for 65 vehicles, landscaping, and building mounted signs are also included with the proposal. The project will connect to municipal water and sewer services provided by the City of American Canyon and the Napa Sanitation District, respectively.

 Exterior building materials include tex-coat concrete tilt-up wall panels with a multi-color paint scheme and multiple score lines/reveals. The east elevation, facing State Highway 29, includes a glass storefront and a standing seam metal shed roof over the glazed areas. The south elevation, perpendicular to Devlin Road includes six recessed loading docks for shipping and receiving. Four of the docks are depressed and two are at grade. The docks will be screened by two freestanding screen walls, one parallel to Devlin Road and the other perpendicular to the road. Proposed hours of operation are from 8:00 a.m. to 5:00 p.m., Monday through Friday with an estimated 27 full-time employees.
9. **Environmental setting and surrounding land uses:** The site is currently vacant, has been previously graded and is located within a partially developed industrial park. The site has been designated for industrial development for over 20 years. The site is relatively flat and includes non-native grasses. There are existing office/light industrial/warehousing complexes to the south and across State Highway 29 to the east. The previously approved but not yet constructed Montalcino resort and golf course project lies to the west. Properties to the north are vacant. The project site is in close proximity to the Napa County Airport, and is located in Zone D, the Common Traffic Pattern. This is an area of frequent aircraft overflight at low elevations.
10. **Other agencies whose approval is required:** Discretionary approval required by Napa County consists of a use permit. The proposed project would also require various ministerial approvals by the County including, but not limited to building permits, grading permits, and encroachment permits. Permits to connect to water and sewer utilities are required from the City of American Canyon and Napa Sanitation District, respectively. A Storm Water Pollution Prevention Plan (SWPPP) is required to meet San Francisco Regional Water Quality Control Board standards and is administered by the County Public Works Department.

The proposed project does not involve modifications to a streambed, and thus does not require a streambed alteration agreement from the California Department of Fish and Game. The proposed project does not involve the fill of waters of the United States, and thus does not require a dredge-and-fill permit from the U.S. Army Corps of Engineers. The proposed project does not involve the "take" of listed endangered or threatened species, and thus does not require a "take permit" from the Department of Fish and Game, the U.S. Fish and Wildlife Service, or the National Marine Fisheries Service.

Responsible (R) and Trustee (T) Agencies

City of American Canyon
Napa Sanitation District

Other Agencies Contacted

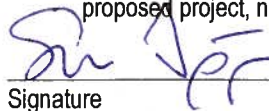
City of Napa

ENVIRONMENTAL IMPACTS AND BASIS OF CONCLUSIONS:

The conclusions and recommendations contained herein are professional opinions derived in accordance with current standards of professional practice. They are based on a review of the Napa County Environmental Resource Maps, the other sources of information listed in the file, and the comments received, conversations with knowledgeable individuals; the preparer's personal knowledge of the area; and, where necessary, a visit to the site. For further information, see the environmental background information contained in the permanent file on this project.

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.



Signature

Sean Trippi, Principal Planner

2/15/2012

Date

Napa County Conservation, Development and Planning Department

ENVIRONMENTAL CHECKLIST FORM

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
I. AESTHETICS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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:

- a/b. The proposed project would not be located within an area which would damage any known scenic vista, or damage scenic resources, trees, rock outcroppings, or historic buildings. The proposed project site has been previously graded, contains no vegetation and is currently vacant. The site does back-up to State Highway 29; however, the highway is not considered a scenic highway, nor is this portion of the highway on the State's list of eligible scenic routes.
- c. The project is located within a partially developed portion of the Napa County Airport Industrial Area Specific Plan (AIASP or Specific Plan) that allows a mix of industrial developments. Exterior building materials include tex-coat concrete tilt-up wall panels with a multi-color paint scheme and multiple score lines/reveals. The east facing elevation, visible from State Highway 29, includes a glass storefront and a standing seam metal shed roof over the glazed areas. The south elevation, perpendicular to Devlin Road includes six recessed loading docks for shipping and receiving. Four of the docks are depressed and two are at grade. Views of the loading docks from Devlin Road will be screened by two freestanding screen walls, one parallel to Devlin Road and the other perpendicular to the road. The overall design is equal to or greater in quality than other similar industrial projects approved and constructed within the Specific Plan boundaries, and meets the design quality requirements for the specific plan's industrial park area. Therefore, the project will not substantially degrade the existing visual character or quality of the site and surrounding area.
- d. The new facility will result in a minor increase in the nighttime lighting. In accordance with County standards, all exterior lighting will be the minimum necessary for operational and security needs. Light fixtures will be kept as low to the ground as possible and include shields to deflect the light downward. Avoidance of highly reflective surfaces will be required, as well as standard County conditions to prevent light from being cast skyward. This is an area routinely overflown by low flying aircraft which necessitates strong controls on skyward nighttime lighting. As designed, and as subject to standard conditions of approval, the project will not create a significant impact from light or glare.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FOREST RESOURCES.¹ Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Important (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) Conflict with existing zoning for, or cause rezoning of, forest land as defined in Public Resources Code Section 12220(g), timberland as defined in Public Resources Code Section 4526, or timberland zoned Timberland Production as defined in Government Code Section 51104(g)?	<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 in a manner that will significantly affect timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, or other public benefits?	<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:

a/b. The project site is located within a developing industrial park. The project would not result in the conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Important as shown on the Napa County Important Farmland Map 2004 prepared by the California Department of Conservation District, Division of Land Resource Protection, pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. The project site is not subject to a Williamson Act contract.

c/d. The project site is zoned Industrial Park (IP), which allows light industrial, office and business park uses upon grant of a use permit, and is located within the Napa County Airport Area Industrial Park. According to the Napa County Environmental Resource Maps (based on the following layers – Sensitive Biotic Oak woodlands, Riparian Woodland forest, and Coniferous forest) the project site does not contain woodland or forested areas. Therefore, the proposed project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production.

e. The project site is surrounded by developing industrial park land. Although farming activities occurred on these lands in the past, the area has been designated for industrial development for over 20 years. The project will not result in the conversion of existing farmland.

Mitigation Measure(s): None required.

¹ "Forest land" is defined by the State as "land that can support 10-percent native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits." (Public Resources Code Section 12220(g)) The Napa County General Plan anticipates and does not preclude conversion of some "forest land" to agricultural use, and the program-level EIR for the 2008 General Plan Update analyzed the impacts of up to 12,500 acres of vineyard development between 2005 and 2030, with the assumption that some of this development would occur on "forest land." In that analysis specifically, and in the County's view generally, the conversion of forest land to agricultural use would constitute a potentially significant impact only if there were resulting significant impacts to sensitive species, biodiversity, wildlife movement, sensitive biotic communities listed by the California Department of Fish and Game, water quality, or other environmental resources addressed in this checklist.

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

Discussion:

- a. The proposed project would not conflict with or obstruct the implementation of any applicable air quality plan. Light industrial/warehousing uses, such as the one proposed here, are not producers of air pollution in volumes substantial enough to result in any air quality plan conflicts. The project site lies at the southern end of the Napa Valley, which forms one of the climatologically sub regions (Napa County Sub region) within the San Francisco Bay Area Air Basin. The topographical and meteorological features of the valley create a relatively high potential for air pollution. Potential air quality impacts could result from construction activities. In the short term, potential air quality impacts are most likely to result from construction activities. Construction emissions would have a temporary effect consisting mainly of dust generated during grading and other construction activities, exhaust emissions from construction related equipment and vehicles, and relatively minor emissions from paints and other architectural coatings. The thresholds of significance for construction emissions established in the May 2010 Bay Area Air Quality Management District (BAAQMD) CEQA Guidelines, Table 2-4, are 54 lbs/day for ROG and NO_x. If the proposed project meets the screening criteria in the District's screening table (BAAQMD Air Quality Guidelines, Table 3.1) (see "c", below), and incorporates the BAAQMD's "Basic Construction Mitigation Measures" (Table 8-1), then construction of the project would result in a less-than-significant impact from criteria air pollutants and/or precursors.

Over the long term, emission sources for the proposed project would consist primarily of mobile sources including deliveries and vehicles visiting the site. The Bay Area Air Quality Management Plan has determined that light industrial projects that do not exceed a threshold of 541,000 sq. ft. will not significantly impact air quality and do not require further study (BAAQMD CEQA Guidelines, May 2010, page 3-1.). Given the size of the project being 48,133 sq. ft. compared to the BAAQMD's screening criterion of 541,000 sq. ft., the project would contribute a less-than-insignificant amount of air pollution and would not result in a conflict or obstruction of an air quality plan.

- b. Please see "a.", above. There are no projected or existing air quality violations in the area to which this proposal would contribute. The project would not result in any violations of applicable air quality standards.
- c. The Bay Area Air Quality Management District (BAAQMD) has established significance thresholds and screening criteria for criteria pollutants and precursors, including reactive organic gas, nitrogen oxide, and ten-micron particulate matter, for both operational and construction related emissions for new development. If the proposed project meets the screening criteria in the District's screening table (BAAQMD Air Quality Guidelines, Table 3.1), the project would not result in the generation of operational or construction related criteria air pollutants and/or precursors that exceed the Threshold of Significance shown in Table 2-1. The District's screening table suggests that general light industrial uses less than 259,000 less square feet in size would not generate construction related emissions in excess of the significance criterion for criteria pollutants. Light industrial uses less than 541,000 square feet in size would not generate construction related emissions in excess of the significance criterion for criteria pollutants. Construction and operation of the project would therefore result in a less-than significant cumulative impact to air quality from criteria pollutant and precursor emissions.
- d/e. The BAAQMD defines public exposure to offensive odors as a potentially significant impact. The project site is not located in close proximity to any sensitive pollution-sensitive receptors. During project construction, the project has the potential to generate substantial amounts of dust or other construction-related air quality disturbances. As a standard practice for County development projects, application of water and/or dust palliatives are required in sufficient quantities during grading and other ground disturbing activities on-site to minimize the amount of dust produced. These Best Management Practices will reduce potential temporary changes in air quality to a less than significant level as specified in Napa County's standard condition of approval relating to dust, which reads: *Water and/or dust palliatives shall be applied in sufficient quantities during grading and other ground disturbing activities on-site to minimize the amount of dust produced. Outdoor construction activities shall not occur during windy periods.*

Mitigation Measure(s): None required

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, Coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

a-d. The site is part of the Gateway Business Park Industrial Subdivision approved for industrial development in 1989. Improvements adjoining the site such as curb, gutter, sewer and water laterals, street lights, etc. were installed in the mid-1990's as part of the approved subdivision improvements. A previous survey of plant species, entitled Botanical Survey of Napa Valley Gateway, prepared by Jake Ruygt, dated August 25, 1988, was conducted in the airport industrial park area associated with the proposed subdivision and included the project site. The survey did not find any rare, threatened, or endangered species on the project site. In addition, Sheehy Creek was enhanced to mitigate potential impacts to biological resources resulting from future development on the lots within the subdivision. Prior to commencing construction of the required improvements and creek enhancement, the Gateway Business Park developer was required to obtain all necessary permits from DFG, the Army Corps of Engineers, and United States Fish and Wildlife Service.

The site is vacant and has been graded over the years for weed abatement, and contains only seasonal grasses. There are no existing trees or bushes on the site. The site is bordered to the west and south by public streets. Across both streets is existing development. There is also existing development to the north and a partial developed site to the east. Industrial development has been progressing in the general vicinity since the late 1980's.

The California Department of Fish and Game Natural Diversity Data Base indicates the potential presence of four special status animal species (Burrowing owl, Swainsons' hawk, tri-colored blackbird, and Ferruginous hawk) and one special status plant species (dwarf downingia) within about a mile of the project site. A Preliminary Wetlands & Biological Resources Assessment and report, dated July 28, 2011, was prepared by Barnett Environmental Consulting & Regulatory Compliance Services to determine whether the site is likely to contain wetlands or state or federally listed rare, threatened, or endangered plant or animal species, address potential impacts, if any, to protected species, and recommend mitigation measures as needed.

According to the report, the site consists primarily of ruderal or disturbed grasslands, with mostly non-native species. The project site contains no trees and is not in a native state. The ruderal habitat such as that found on the site provides limited wildlife habitat and low wildlife diversity and its continued mowing, disking, and spraying provides little to no cover for small mammals. No special-status plant species, riparian habitat, wetlands or vernal pools were found on the project site. No habitat essential for special-status animal species was found on the project site and no special-status animal species were observed on the site or within the project's vicinity during the field surveys. No burrows were found on the project site. The report does mention, however, that due to previous reported occurrences of Swainson's hawk within a 5-mile radius of the

site; this raptor species may fly over the site since they utilize a wide territory for feeding. However, there are no recent sightings of these species, there is no suitable nesting habitat on the project site, and the site does not appear to meet DFG's criteria as suitable foraging habitat given its urbanized characteristics.

- e. The project would not conflict with any local policies protecting biological resources, such as tree preservation or the County's Conservation Regulations. The site is an improved industrial lot with little native vegetation. In accordance with the requirements of the AIASP, new landscaping will be provided on the site. The project does not conflict with any County ordinance or requirement to preserve existing trees, and therefore is considered as not having potential for a significant impact thereto.
- f. The proposed project would not conflict with the provisions of an adopted Habitat Conservation Plans, Natural Community Conservation Plans or other approved local, regional or state habitat conservation plans. No work will occur within the Sheehy Creek corridor or adjacent conservation easement.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines §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 CEQA Guidelines §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) 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:

- a-c. The project site is vacant and does not contain any structures. Research into past uses has not identified historic resources that may be present at the site. A previous archaeological survey, entitled "A Cultural Resource Inventory of the Napa Airport Master Environmental Assessment Area," prepared by Archaeological Resource Service (ARS), dated September 1983, was conducted in the AIASP area and included the project site. The study did not indicate the presence of historical, archaeological, or paleontological resources. In addition, the Napa County Environmental Resource Maps (based on the following layers –Historical sites points & lines, Archaeology sites, sensitive areas, and flags) do not identify any historical, archaeological, or paleontological resources, sites or unique geological features on the project site. There is no information in the County's files that would indicate that there is a potential for occurrence of these resources. The site has been previously graded when public improvements were installed. It is therefore not anticipated that any cultural resources are present on the site, and the potential for impact is considered less-than-significant. However, if resources are found during grading of the project, construction of the project is required to cease, and a qualified archaeologist will be retained to investigate the site in accordance with the following standard condition of approval that will be imposed on the project:

"In the event that archeological artifacts or human remains are discovered during any subsequent construction in the project area, work shall cease in a 50-foot radius surrounding the area of discovery. The permittee shall contact the CDPD for further guidance, which will likely include the requirement for the permittee to hire a qualified professional to analyze the artifacts encountered and to determine if additional measures are required. If human remains are encountered during the development, all work in the vicinity must be, by law, halted, and the Napa County Coroner informed so that the Coroner can determine if an investigation of the cause of death is required, and if the remains are of Native American origin. If the remains are of Native American origin, the nearest tribal relatives as determined by the State Native American Heritage Commission would be contacted to obtain recommendations for treating or removal of such remains, including grave goods, with appropriate dignity, as required under Public Resources Code Section 5097.98."

- d. No human remains have been encountered on the property during past grading activities when the public improvements were constructed and no information has been encountered that would indicate that this project would encounter human remains. However, if resources are found during grading of the project, construction of the project is required to cease, and a qualified archaeologist will be retained to investigate the site in accordance with standard condition of approval noted above.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
VI. GEOLOGY AND SOILS. Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input 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 (1997), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a.
- i.) There are no known faults on the project site as shown on the most recent Alquist-Priolo Earthquake Fault Zoning Map. As such, the proposed facility would result in a less than significant impact with regards to the rupturing of a known fault.
 - ii.) All areas of the Bay Area are subject to strong seismic ground shaking. Construction of the facility will be required to comply with all the latest building standards and codes, including the California Building Code that would reduce any potential impacts to the maximum extent possible.
 - iii.) No subsurface conditions have been identified on the project site that indicated a susceptibility to seismic-related ground failure or liquefaction. Compliance with the latest edition of the California Building Code for seismic stability would reduce any impacts to a less than significant level.
 - iv.) The Napa County Environmental Resource Maps (Landslides line, polygon, and geology layers) did not indicate the presence of landslides on the property.
- b. Based upon the Soil Survey of Napa County, prepared by the United States Department of Agriculture (USDA), the site is primarily composed of soils in the Haire Loam series which are characterized by slow to medium runoff with a slight hazard of erosion. This nearly level soil type is found mainly on old terraces and alluvial fans. A small portion of site along the north property line consists of soils in the Fagan Clay Loam series which are characterized by medium runoff with a moderate hazard of erosion. This level soil type is found mainly on upland areas. Project approval will require incorporation of best management practices and will be subject to the Napa County Stormwater Ordinance which addresses sediment and erosion control measures and dust control, as applicable, to ensure that development does not impact adjoining properties, drainages, and roadways.
- c/d. Early or mid Pleistocene fan or terrace deposits underlay the site according to the Napa County Environmental Resource Maps (Surficial Deposits layer). Based on the Napa County Environmental Sensitivity Maps (Liquefaction layer) the project site has very low susceptibility for liquefaction. Development will be required to comply with all the latest building standards and codes, including the California Building Code that would reduce any potential impacts to a less than significant level. In addition, a soils report, prepared by a qualified Engineer will be required as part of the building permit submittal. The report will address the soil stability, potential for liquefaction and will be used to design specific foundation systems and grading methods.

- e. The project will connect to municipal water service provided by the City of American Canyon and sewer service by Napa Sanitation District. "Will serve" letters have been submitted by the affected jurisdictions indicating that they have sufficient capacity to accommodate the water and wastewater demand of this project.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
VII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate a net increase in greenhouse gas emissions in excess of applicable thresholds adopted by the Bay Area Air Quality Management District or the California Air Resources Board which may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with a county-adopted climate action plan or another 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:

a./b. The construction and operation of the building and parking areas proposed here will contribute to overall increases in green house gas emissions. Emissions will be generated by vehicle trips to and from the facility, and the construction process; by the heating, cooling, and lighting of the completed building; by the machinery and products utilized in the course of business by the tenant; and by the machines, fertilizers, and vehicles used in the ongoing maintenance of the facility.

The Bay Area Air Quality Management District (BAAQMD) has established a significance threshold and screening criteria related to greenhouse gas emissions (GHG) for new development. The District's screening table (BAAQMD Air Quality Guidelines, Table 3.1) suggests that general light industrial uses less than 121,000 square feet in size would not generate GHG in excess of the significance criterion (1,100 metric tons of carbon dioxide equivalents per year). The proposed building includes approximately 48,133 square feet of floor area which does not exceed that criterion. Since the proposed floor area is below the screening levels for similar uses in the District's Guidelines, it's clear that the proposed use would not generate GHG above the significance threshold established by the District, and further analysis (and quantification) of GHG emissions is not warranted.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
VIII. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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"/>

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) For a project within the vicinity of a private airstrip, or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) 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"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wild-land fires, including where wild-lands are adjacent to urbanized areas or where residences are intermixed with wild-lands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a. The proposed project will not involve the transport of hazardous materials other than those small amounts normally used in construction of the building. A Business Plan will be filed with the Department of Environmental Management should the amount of hazardous materials reach reportable levels. However, in the event that the proposed use or a future use involves the use, storage or transportation of greater the 55 gallons or 500 pounds of hazardous materials, a use permit and subsequent environmental assessment would be required in accordance with the Napa County Zoning Ordinance prior to the establishment of the use. During construction of the project some hazardous materials, such as building coatings/ adhesives/ etc., will be utilized. However, given the limited quantities of hazardous materials and the limited duration, they will result in a less-than-significant impact.
- b. The project would not result in the release of hazardous materials into the environment.
- c. There are no schools located within one-quarter mile from the proposed project site.
- d. The proposed site is not on any known list of hazardous materials sites.
- e. The project site is located within two miles of the Napa County Airport, and is therefore subject to the requirements of the County's Airport Compatibility Combination zoning district and the requirements of the Napa County Airport Land Use Compatibility Plan. The project site is located within Zone D of the compatibility plan which is an area of common overflight and moderate risk. The proposed use of the building is highly compatible with the risk and noise impacts associated with properties within Zone D. The building has also been designed to comply with specific requirements regarding light and glare to ensure airport land use compatibility. County development regulations have been certified as meeting ALUC compatibility requirements, and consequently the project is not subject to separate ALUC review because it has been designed to comply with County airport compatibility land use requirements.
- f. The project site is not located within the vicinity of any private airports.
- g. The proposed driveways that serve the project will be improved to comply with County standards and access to the building has been designed to accommodate fire apparatus and large trucks. The project has been reviewed by the County Fire Department and Public Works Department and found acceptable as conditioned. Therefore, the design of the project will not negatively impact or hinder emergency vehicle access.
- h. The project would not increase exposure of people and/or structures to a significant loss, injury or death involving wild land fires because the project is located within an urbanized area.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
IX. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<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, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a. The proposed project will not violate any known water quality standards or waste discharge requirements. The project will discharge into an approved storm drainage system designed to accommodate the drainage from this site. The applicant is required to obtain a stormwater permit from the Regional Water Quality Control Board (RWQCB) which is administered in part by the County Public Works Department on behalf of the RWQCB. Given the essentially level terrain, and the County's Best Management Practices, which comply with RWQCB requirements, the project does not have the potential to significantly impact water quality and discharge standards.
- b. The project will connect to municipal water provided by the City of American Canyon. No groundwater wells are associated with this property.
- c-d. The proposed project will not substantially alter the drainage pattern on site or cause a significant increase in erosion or siltation on or off site. The project will incorporate erosion control measures appropriate to its maximum slope to manage onsite surface drainage and erosion of onsite soils during construction and winter months (October to April). As noted above, the project is required to comply with County Public Works requirements which are consistent with RWQCB standards. These established Best Management Practices have been successfully implemented on numerous previous projects within AIASP area. By incorporating erosion control measures, this project would have a less than significant impact. No substantial alteration of existing drainage is anticipated to occur. There will be an increase in the overall impervious surface resulting from the new buildings, pavement and sidewalks. However, given the size of the drainage basin, the increase in impervious surfaces will not discernibly change the amount of groundwater filtration or discernibly increase surface runoff from that which currently exists on site. Project impacts related to drainage patterns and off-site flows are expected to be less than significant.
- e. The existing storm drainage system is designed to County standards and is sized to accommodate all drainage from this site.

- f. There are no other factors in this project that would otherwise degrade water quality.
- g.-i. According to Napa County environmental resource mapping (*Floodplain* and *Dam Levee Inundation* layers), the project site is not located within a flood hazard area, nor would it impede or redirect flood flows or expose structures or people to flooding. The project site is not located within a dam or levee failure inundation zone.
- j. In coming years, higher global temperatures are expected to raise sea level by expanding ocean water, melting mountain glaciers and small ice caps, and causing portions of Greenland and the Antarctic ice sheets to melt. The Intergovernmental Panel on Climate Change estimates that the global average sea level will rise between 0.6 and 2 feet over the next century (IPCC, 2007). However, the project area is located at approximately 30-ft. to 38-ft. above mean sea level. There is no known history of mud flow in the vicinity. The project will not subject people or structures to a significant risk of inundation from tsunamis, seiche, or mudflow.

Mitigation Measure(s): None required

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
X. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a-c. The proposed project would not occur within an established community, nor would it result in the division of an established community. The proposed project complies with the Napa County General Plan, the Napa County Zoning Ordinance and related applicable County Code sections, the Airport Industrial Area Specific Plan, and all other applicable regulations. There are no habitat conservation plans or natural community conservation plans applicable to the property.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XI. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<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:

- a/b. Historically, the two most valuable mineral commodities in Napa County in economic terms have been mercury and mineral water. More recently, building stone and aggregate have become economically valuable. Mines and Mineral Deposits mapping included in the Napa County Baseline Data Report (*Mines and Mineral Deposits*, BDR Figure 2-2) indicates that there are no known mineral resources nor any locally important mineral resource recovery sites located on or near the project site.

Mitigation Measure(s): None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XII. NOISE. Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion:

- a/b. The proposed project will result in a temporary increase in noise levels during the construction of the building, parking areas, and associated improvements. Construction activities will be limited to daylight hours using properly muffled vehicles. Noise generated during this time is not anticipated to be significant. The proposed project would not result in long-term significant permanent construction noise impacts or operational impacts. Furthermore, construction activities would generally occur during the period of 7am-7pm on weekdays, during normal hours of human activity. All construction activities will be conducted in compliance with the Napa County Noise Ordinance (N.C.C. Chapter 8.16).
- c/d. The anticipated level of noise to occur following the completion of construction including the operation of the facility would be typical of a light industrial/warehouse/distribution use in an existing industrial park. The project is located within an industrial park and is not in an area where noise increases resulting from additional industrial development will impact sensitive receptors. The design of the proposed project, together with adherence to the County Noise Ordinance, would ensure the proposed project would not result in adverse noise impacts.
- e. The proposed project site is located within compatibility Zone D of the Napa County Airport, which is an area of common aircraft overflight. As such, persons on the project site will be exposed to noise from regular aircraft overflight. The nature of the use is not sensitive to increased noise levels from aircraft, and is considered compatible with aircraft operations.
- f. The project is not within the vicinity of a private airstrip.

Mitigation Measures: None required.

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

Discussion:

- a. The project site is currently vacant and located in a developing industrial area. The project will increase the number of jobs within the industrial park. However, given the size of the project, the new jobs are considered to be relatively small compared to the overall business park and nearby communities; therefore this increase in jobs will not contribute to a cumulatively considerable increase in the demand for housing units within Napa County and the general vicinity. Furthermore, the County has adopted a Housing Element which identifies locations for new affordable housing, and adopted a development impact fee, included as a standard condition of approval, as follows;

"Prior to County issuance of a building permit, the applicant shall pay the Napa County Affordable Housing Mitigation Fee in accordance with the requirements of County Code Chapter 18.107 or as may be amended by the Board of Supervisors."

The fee provides funds for constructing affordable housing to off-set the cumulative existing affordable housing shortage in the County. The fee is paid at the time building permits are issued. This fee is charged to all new non-residential developments based on the gross floor area of non-residential space multiplied by the applicable fee by type of use as required under Chapter 18.107, of the Napa County Code and is considered to reduce housing impacts to a less than significant level.

- b/c. There are no existing homes on, or adjacent to, the project site. The project will not result in the displacement of any housing units or people.

Mitigation Measures: None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XIV. PUBLIC SERVICES. Would the project result in:				
a) Substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a. The proposed project will have a less than significant impact on public services. Fire protection measures are required as part of the development and there would be no expected impact to response time as the property has good public road access. School impact mitigation fees will be levied with the building permit application. Those fees assist local school districts with capacity building measures. The project will have little impact on public parks. County revenue resulting from building permit fees, and property tax increases will help meet the costs of providing public services to the property.

Mitigation Measures: None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XV. RECREATION. Would the project:				
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"/>

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
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 checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a/b. This application proposes new light industrial/warehousing building and some very minor on-site employment. No portion of this project, nor any foreseeable result thereof, would significantly increase the use of existing recreational facilities. This project does not include recreational facilities that would have a significant adverse effect on the environment.

Mitigation Measures: None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XVI. TRANSPORTATION/TRAFFIC. Would the project:				
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system and/or conflict with General Plan Policy CIR-16, which seeks to maintain an adequate Level of Service (LOS) at signalized and unsignalized intersections, or reduce the effectiveness of existing transit services or pedestrian/bicycle facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the Napa County Transportation and Planning Agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially increase hazards due to a design feature, (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with General Plan Policy CIR-23, which requires new uses to meet their anticipated parking demand, but to avoid providing excess parking which could stimulate unnecessary vehicle trips or activity exceeding the site's capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a-b. Weekday traffic volumes within the project vicinity consist primarily of commute traffic within the peak traffic periods, with residential flows from nearby communities and commercial, tourist, and industrial park traffic occurring throughout the day. Southern Napa County is characterized by two distinct commute traffic patterns: a Napa to Bay Area commute, and a Solano County to Napa commute. The existing traffic congestion and potential cumulative impacts are primarily the result of regional growth impacts. The Metropolitan Transportation Commission (MTC) serves as the transportation planning, coordinating and financing agency for the nine-county San Francisco Bay Area. The MTC created and maintains the Metropolitan Transportation System (MTS), a multimodal system of highways, major arterials, transit service, rail lines, seaports and airports. MTS facilities within the vicinity of the project site include State Routes 12, 29, 121, and 221, and Airport Boulevard. The State routes are maintained and operated by the California Department of Transportation (Caltrans.) The MTS is incorporated into MTC's 2001 Regional Transportation Plan (RTP), and is used as a guideline in prioritizing for planning and funding of facilities in the Bay Area. Major improvements to both Highway 29 and Highway 12 are necessary to address existing and cumulative regional traffic congestion. The RTP and the Napa County General Plan 2008 update identify roadway improvements in South Napa County to address potential cumulative impacts. These improvements include construction of a flyover ramp at SR 12/29/221 intersection, construction of a new interchange at SR 12/Airport Blvd/SR 29 intersection, widening Jamieson Canyon (SR 12) to four lanes (currently

under construction), widening SR 29 to six lanes between south Airport Blvd and the south County line (in coordination with the City of American Canyon), and extending Devlin Road south to Green Island Road. These improvements are not yet fully funded, except as noted above, but are expected to be in place by 2030 addressing potential cumulative impacts in the southern part of the County.

As mandated by Napa County, projects within the industrial park are responsible for paying "fair share" costs for the construction of improvements to impacted roadways within the Airport Industrial Area (AIA). Since 1990, the County has imposed and collected traffic mitigation fees on all development projects within the AIA. A developer's "fair share" fee goes toward funding roadway improvements within the AIA area including improvements designed to relieve traffic on State Highways. The traffic mitigation fee is further described in Board of Supervisor's Resolution 08-20. For this project, a traffic mitigation fee based on PM peak hour vehicle trips will be imposed and collected prior to issuance of a building permit as determined by the Director of Public Works and is included as a mitigation measure, below. The Department of Public Works is in the process of completing an update of the Airport Industrial Area traffic mitigation fee program. That program specifically addresses, and the associated fees will mitigate, cumulative impacts at the 2008 General Plan revision sunset date of 2030. Cumulative traffic impacts at the 2030 horizon will be addressed by that larger document and are therefore not a specific subject of this review.

The County has established that a significant traffic impact would occur if increases in traffic from a project would cause intersections or two-lane highway capacity to deteriorate to worse than LOS E, or at intersections or two-lane highway where base case (without project) is LOS F, a significant impact is considered to occur if a project increases the base volumes by more than one percent. Napa County utilizes a one percent significance threshold for the identification of significant adverse traffic impact during peak hours of travel. This threshold was directed by the Napa County Transportation and Planning Agency. This factor has been used consistently as the significance determination for all recent EIR and CEQA documents within the AIASP area.

According to the Institute of Traffic Engineers, Trip Generation, 8th Edition, 2008, warehousing uses defined as primarily the storage of materials that may include office and maintenance areas, are expected to generate 3.56 daily vehicle trips and 0.32 p.m. peak period vehicle trips per 1,000 sq. ft. of gross floor area. Light Industrial uses defined as free-standing single business (non-manufacturing uses) are expected to generate 6.97 daily vehicle trips and 0.97 p.m. peak period vehicle trips per 1,000 sq. ft. of floor area. Based on the proposed 48,133 sq. ft. building, approximately 171 to 335 total daily vehicle trips would be generated based on warehousing or light industrial trip generation rates, respectively. The proposed project would generate approximately 15 to 47 trips during the p.m. peak period based on warehousing or business park p.m. peak trip generation rates, respectively. According to information from the California Department of Transportation traffic counts taken in 2008 indicate the traffic volume at the Highway 12/29 intersection was approximately 48,500 to 62,000 average daily vehicle trips. Peak hour trips were approximately 3,600 to 4,900 vehicles. Traffic generated by this project will contribute less than 1% to the traffic levels on local roadways and intersections and to deterioration in their level of service. This less than 1% increase is considered a less-than-significant level with the payment of the "fair share" development impact fee prior to issuance of a building permit as described in Board Resolution No. 08-20, and included as a standard condition of approval.

- c. The project does not have any impact on air traffic patterns.
- d/e. The project includes construction of new driveways on Devlin Road. The new driveways have been designed to comply with all County standards. The project will not result in any changes to levels of service or cause any new safety risks.
- f. The project has been designed with 65 parking spaces to meet the requirements of the AIASP (56 required). The project will not result in inadequate parking.
- g. The proposed project does not conflict with any known policies or plans supporting alternative transportation.

Mitigation Measures: None required.

		Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XVI.	UTILITIES AND SERVICE SYSTEMS. Would the project:				
a)	Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Require or result in the construction of a new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
c) Require or result in the construction of a new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion:

- a. The project will occur within an urbanized area and connect to a publicly maintained wastewater treatment system. The wastewater provider, Napa Sanitation District, has provided a will serve letter and has found the project to be in compliance with district master plans. The District's wastewater treatment plant complies with all water quality discharge requirements, and therefore the project will comply with regional water quality control standards.
- b. The project will not require construction of any new water or wastewater treatment facilities that will result in a significant impact to the environment. The project site is located in an area planned for industrial development and existing water and wastewater treatment facilities have been sized to accommodate the proposed project.
- c. The proposed project includes the construction of new drainage facilities. The new drainage system will be designed by a qualified engineer and is subject to review and approval by the Department of Public Works. The Department of Public Works has included conditions of approval requiring that the drainage system be designed to avoid diversion or concentration of storm water runoff onto adjacent properties.
- d. The project will receive water from the City of American Canyon which has sufficient water supplies to serve projected needs. The project is located within an area designated for urban development by the City. The City has acquired water rights to provide adequate water for all areas within their service area, and has issued a will serve letter for the proposal.
- e. See response "a." above.
- f. The proposed project will be served by a landfill with sufficient capacity to meet the projects demands. No significant impact will occur from the disposal of solid waste generated by the proposed project.
- g. The proposed project will comply with federal, state, and local statutes and regulations related to solid waste.

Mitigation Measures: None required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XVII. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects that 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"/>

Discussion:

- a. The project site has previously been disturbed and does not contain any known listed plant or animal species. The project will not degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal. No historic or prehistoric resources are anticipated to be affected by the proposed project nor will the proposed project eliminate important examples of the major periods of California history or prehistory.
- b. With the imposition of standard conditions of approval, the project does not have impacts that are individually limited, but cumulatively considerable. Potential traffic and housing impacts are discussed in their respective sections above. The project would also increase the demands for public services to a limited extent, increase traffic and air pollution, all of which contribute to cumulative effects when future development along Highway 29 is considered. Cumulative impacts of these issues are discussed and addressed with standards conditions of approval, as necessary, in the relevant sections of this Initial study (e.g. Air Quality, Green House Gases, Population & Housing, and Transportation/Traffic.)
- c. The project does not pose any substantial adverse effects on human beings, either directly or indirectly.