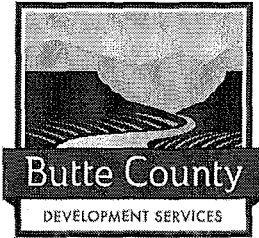


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Department of Development Services

Tim Snellings, Director

Pete Calarco, Assistant Director

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buttecounty.net/dds

BUTTE COUNTY PLANNING COMMISSION
NOTICE OF PUBLIC HEARING AND NOTICE OF AVAILABILITY OF A
MITIGATED NEGATIVE DECLARATION FOR
GENERAL PLAN AMENDMENT (GPA18-0001) and REZONE/CONDITIONAL
ZONING AGREEMENT (REZ18-0001)

NOTICE IS HEREBY GIVEN that the Butte County Planning Commission will hold a public hearing to consider a General Plan Amendment and Rezone/Conditional Zoning Agreement on **August 22, 2019, at 9:00 a.m. or shortly thereafter, in the Butte County Board of Supervisors' Room, County Administration Center, 25 County Center Drive, Oroville, California**, as follows:

Project: General Plan Amendment and Rezone/Conditional Zoning Agreement GPA18-0001/REZ18-0001 (Scott).

Location: 11196 Midway on the east side of Midway Road, at the intersection of Midway and Upper Hagen Lane, Chico.

APN: 040-310-026, -034, -036 and -082

Proposal: A request by Shane David Scott for a General Plan Amendment and Rezone with a Conditional Zoning Agreement on an 8.64-acre parcel in the RR-5 (Rural Residential 5-acre minimum) currently developed with industrial uses (truck repair and basecamp). The General Plan Amendment proposes to change the Rural Residential land use designation to General Industrial. The Rezone proposes to change the RR-5 zoning to G-I (General Industrial). The purpose of the G-I zone is to allow for a variety of industrial and service commercial uses in Butte County. The proposed rezone includes a conditional zoning agreement that will carry forward the required mitigation measures of the Mitigated Negative Declaration prepared for this project. No development is proposed as part of the General Plan Amendment and Rezone. The Planning Commission will make a recommendation to the Board of Supervisors whether or not to adopt the Mitigated Negative Declaration and approve the proposed General Plan Amendment and Rezone/Conditional Zoning Agreement.

In compliance with the California Environmental Quality Act (CEQA), this notice discloses that there are no listed toxic sites present on or near the project site. The Initial Study/Mitigated Negative Declaration (IS/MND), project application and reference documents are on file for public review and comment starting **July 22, 2019 through August 21, 2019**, at the Butte County Planning Division, 7 County Center Drive, Oroville, CA. The IS/MND is also available for review on the County website at <http://www.buttecounty.net/dds/Planning/CEQA.aspx>. All persons are invited to review the documents. Comments may be submitted to the Planning Division in writing at the above address at any time prior to the hearing or orally at the meeting listed above, or as may be continued to a later date. If you challenge the above application in court, you may be limited to raising only those issues you or someone else raised at the public hearing or in written correspondence delivered to the Planning Commission at, or prior to, the public hearing.

For information, call or send an email to Senior Planner Mark Michelena, Butte County Development Services Department, at (530) 552-3683 or mmichelena@buttecounty.net.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in the hearing, please contact us at (530) 552-3662. Notification at least 72 hours prior to the hearing will enable staff to make reasonable arrangements.

BUTTE COUNTY PLANNING COMMISSION
TIM SNELLINGS, DIRECTOR OF DEVELOPMENT SERVICES

INITIAL STUDY AND ENVIRONMENTAL REVIEW CHECKLIST

California Environmental Quality Act (CEQA)

PROJECT INFORMATION

1. Project Title: Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001)
2. Lead Agency Name and Address: Butte County Department of Development Services
Planning Division
7 County Center Drive
Oroville, CA 95965
3. Contact Person and Phone Number: Mark Michelena, Senior Planner
530.552.3683
mmichelena@buttecounty.net
4. Project Location: The project site encompasses four parcels totaling 8.64 acres located at 11196 Midway, at the northeast corner of Midway and Hegan Lane, in the unincorporated portion of Chico. Township 21N, Section 1, Range 01E and 022N, Section 36, Range 01E; MDB&M. APNs: 040-310-026, -034, -036 and -082. Longitude 39°42'38.21"N, Latitude -121°48'34.331"W
5. Project Sponsor's Name and Address: Shane David Scott II
11196 Midway
Chico, CA 95928
6. General Plan Designation: Rural Residential (RR)
7. Zoning: RR-5 (Rural Residential 5-acre minimum)
8. Description of Project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)

The project consists of a General Plan Amendment and Rezone of four parcels totaling 8.64 acres. The current General Plan Land Use Designation is Rural Residential (RR) and Zoning is RR-5 (Rural Residential 5-acre minimum). The applicant is requesting a General Plan Amendment to Industrial (I) and a Rezone to GI (General Industrial). The project site is operating as a truck repair facility and basecamp. Wastewater disposal for each parcel would be provided by an on-site individual septic system. Domestic water is provided by an existing well. The change in the General Plan Land Use Designation and Rezone will bring the existing uses on the subject property into conformity with the proposed GI zone. While no additional development is currently proposed, with the change to the General Plan Land Use designation and zoning, additional industrial uses would be allowed as a permitted use or a discretionary use.
9. Surrounding Land Uses and Setting: (Briefly describe the project's surroundings)

The project area primarily consists of a mix of industrial, residential, animal services and a cemetery, on parcel sizes that range in size from 0.68 to 29.38 acres. Residential uses include large lot single-family residential and

some small agricultural uses. Industrial uses include a PG&E service facility and substation, Cross Petroleum facility, Oak Ridge Cabinets, Paul's Components, Chico Pump & Mechanical and West Valley Construction. Erickson Veterinary Hospital is located to the west of the subject property across Midway and Glen Oaks Memorial Park is located across Midway on the south side of Hegan Lane.

Direction	General Plan Designation	Zoning	Existing Land Use(s)
North	VLDR/Industrial/ City of Chico	Very Low Density Residential (VLDR)/Heavy Industrial (HI)/City of Chico (Light Manufacturing – ML & Public/Quasi Public Facilities - PQ)	Residential/Industrial/Commercial
South	Industrial/Public	HI/General Industrial (GI)/Public (P)	Industrial/Cemetery
East	VLDR	VLDR	Residential
West	Industrial/Public/ City of Chico (HI/GI/P/City of Chico (ML/General Manufacturing – GM)	Industrial

The project site is RR-5. The surrounding area is zoned Industrial (HI - Heavy and (GI) General Industrial, (P) - Public and VLDR - Very Low Density Residential). The purpose of the RR zone is to allow for the appropriate development of large-lot single-family homes, small farmsteads, and related uses in the rural and agricultural areas of the county. Standards for the RR zone are intended to preserve and protect the character of existing rural residential areas and ensure that future rural residential development is compatible with adjacent agricultural uses. Permitted residential uses in the RR zones include a single-family home, small residential care home, a second unit, and an accessory dwelling unit. The purpose of the VLDR zone is to allow for single-family homes and related uses in residential neighborhoods within the county. Standards for the VLDR zone are intended to preserve and protect the character of existing neighborhoods and to ensure that new residential neighborhoods provide an appropriate transition from rural to more developed areas. Permitted residential uses in the VLDR zones include single-family homes, small residential care homes, second units and accessory dwelling units, animal grazing, on-site agricultural product sales, and private stables. The purpose of the GI zone is to allow for a variety of industrial and service commercial uses in Butte County. Standards for the GI zone are intended to preserve locations for existing and future employment-generating businesses, including both traditional businesses and innovative green technology enterprises. In addition to the uses permitted in the LI zone, the GI zone also permits agricultural and timber processing, and heavy manufacturing with the approval of a Conditional Use Permit. The purpose of the HI zone is to allow for a full range of industrial uses, including operations that necessitate the storage of large volumes of hazardous or unsightly materials, or which produce dust, smoke, fumes, odors, or noise at levels that would affect surrounding uses. Uses permitted in the HI are similar to the GI zone, except that heavy industrial uses are permitted either as-of-right or with a Conditional Use Permit, and retail, personal service and restaurant uses are not allowed.

The project site is comprised of level topography in the Northern Sacramento Valley region, situated just south and east of the city of Chico, and approximately 2,700 feet west from State Highway 99. APN 040-310-082 of project site is developed with an existing truck repair business and accessory structures including an on-site septic system and well, which are all situated on the southern half of the property. The northern portion of APN 040-310-082 is utilized as a basecamp for recovery efforts for the November 8, 2018 Camp Fire. The remaining area (APNs 040-310-026, -034, -036 and 040-520-028) of the project site is undeveloped and is primarily grassland

with scattered oak trees and shrubs and Valley Oak Riparian Forest. Comanche Creek located along the northern portion of the project site.

The parcel has access off of Midway, through a private easement at the signalized intersection of Midway and Hegan Lane.

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

- Butte County Department Development Services: Building Permits (Future Construction)
- Butte County Public Works Department: Road and Grading Improvement Plans

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

No, see Discussion 1.18.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages. Where checked below, the topic with a potentially significant impact will be addressed in an environmental impact report.

<input type="checkbox"/>	Aesthetics	<input type="checkbox"/>	Agriculture and Forest Resources	<input checked="" type="checkbox"/>	Air Quality
<input checked="" type="checkbox"/>	Biological Resources	<input checked="" type="checkbox"/>	Cultural Resources	<input type="checkbox"/>	Energy
<input type="checkbox"/>	Geology / Soils	<input checked="" type="checkbox"/>	Greenhouse Gas Emissions	<input type="checkbox"/>	Hazards / Hazardous Materials
<input type="checkbox"/>	Hydrology / Water Quality	<input checked="" type="checkbox"/>	Land Use / Planning	<input type="checkbox"/>	Mineral Resources
<input type="checkbox"/>	Noise	<input type="checkbox"/>	Population / Housing	<input type="checkbox"/>	Public Services
<input type="checkbox"/>	Recreation	<input type="checkbox"/>	Transportation	<input checked="" type="checkbox"/>	Tribal Cultural Resources
<input type="checkbox"/>	Utilities / Service Systems	<input type="checkbox"/>	Wildfire	<input checked="" type="checkbox"/>	Mandatory Findings of Significance
		<input type="checkbox"/>	None	<input type="checkbox"/>	None with Mitigation Incorporated

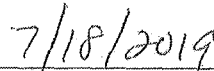
DETERMINATION (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- I find that the proposed project could not have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- I find that although the proposed project **COULD** have a significant effect on the environment, there **WILL NOT** be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A **MITIGATED NEGATIVE DECLARATION** will be prepared.
- I find that 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.



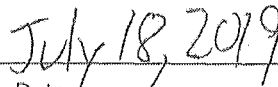
Mark Michelena, Senior Planner



Date



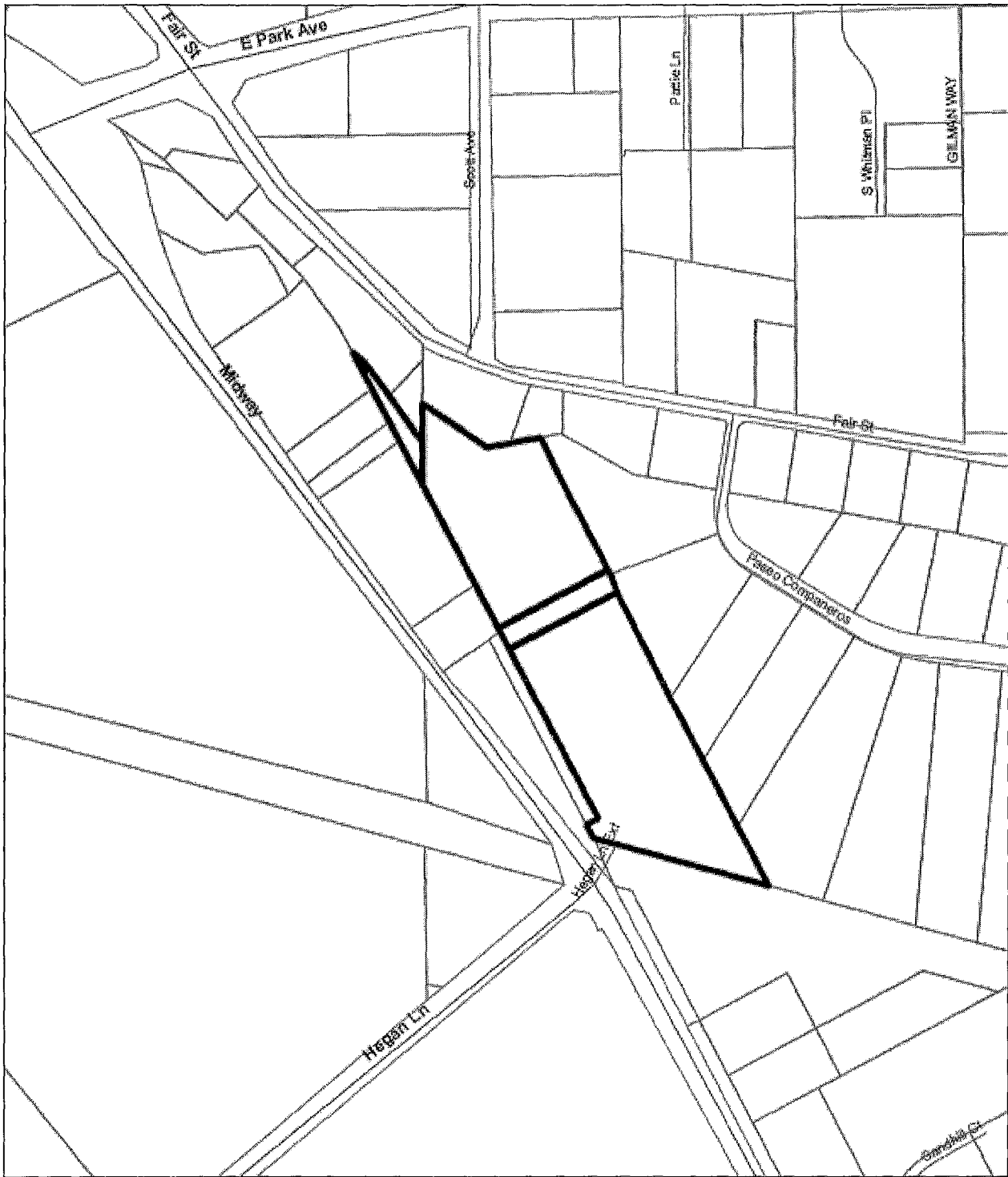
Chuck Thistlethwaite, Planning Manager



Date

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 a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, 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 "Earlier Analyses," as described in (5) below, 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. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. 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 impact to less than significance.



 Project Parcels



1.1 AESTHETICS

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. Aesthetics.				
Except as provided in Public Resources Code section 21099 (where aesthetic impacts shall not be considered significant for qualifying residential, mixed-use residential, and employment centers), would the project:				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input 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) Have a substantial adverse effect on a scenic vista?

Less than significant impact. The predominate views from the project site and surrounding area are of the existing surrounding uses (industrial, commercial and residential) and a cemetery. A portion of the project site is developed with a truck repair business and a basecamp. Midway is not designated as a scenic highway. Future development on the parcels may include permitted and conditionally permitted uses allowed within the General Industrial zoning designation. Permitted development on the resultant parcels are consistent with the existing visual characteristics of the development on the parcels along Midway in the surrounding area. The existing use, and future possible uses, will not substantially interfere with the scenic views, or otherwise have a demonstrable negative aesthetic effect.

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

No impact. No scenic resources have been identified on the project site. The project site is also not located adjacent to a state-designated or county-designated scenic highway. Therefore, future development would not damage or degrade scenic resources within a state scenic highway.

- c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less than significant impact. The project site is located in the Chico Urban Area and within the City of Chico's Sphere of Influence. The City of Chico commented that the proposed change in the General Plan and Zoning is reasonable based on the parcels do not have frontage along Midway. The project is accessed off of Midway in an area of existing industrial uses. The project site currently has an existing truck repair business and basecamp. While change in the land use designation and zoning will not have an impact on the existing scenic quality of the area.

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

Less than significant impact. No new outdoor lighting is proposed. However, outdoor lighting for safety and security could potentially be added in with additional development. Development of these parcels would be similar with the already established industrial uses in the surrounding areas. Lighting for parking are subject to Article 14, Section 24-67 of Butte County Zoning Code, which requires that all outdoor lighting to be located, adequately shielded, and directed such that no direct light falls outside the property perimeter, or into the public right-of-way. With implementation of outdoor lighting regulations, the proposed project would not create new sources of substantial lighting or glare that would generate a significant impact.

1.2 AGRICULTURE AND FOREST RESOURCES

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
II. Agriculture and Forest Resources.				
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997, as updated) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland.				
In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.				
Would the project:				
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) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Regulatory Setting

Williamson Act/Land Conservation Act (LCA) Contracts

The California Land Conservation Act of 1965, commonly known as the Williamson Act, was established based on numerous State legislative findings regarding the importance of agricultural lands in an urbanizing society. Policies emanating from those findings include those that discourage premature and unnecessary conversion of agricultural land to urban uses and discourage discontinuous urban development patterns, which unnecessarily increase the costs of community services to community residents. The Williamson Act authorizes each County to establish an agricultural preserve. Land that is within the agricultural preserve is eligible to be placed under a contract between the property owner and County that would restrict the use of the land to agriculture in exchange for a tax assessment that is based on the yearly production yield. The contracts have a 9-year term that is automatically renewed each year, unless the property owner or county requests a non-renewal or the contract is cancelled.

Farmland Mapping and Monitoring Program

The California Farmland Mapping and Monitoring Program (FMMP) develops statistical data for analyzing impacts to California's agricultural resources. The FMMP program characterizes "Prime Farmland" as land with the best combination of physical and chemical characteristics that are able to sustain long-term production of agricultural crops. "Farmland of Statewide Importance" is characterized as land with a good combination of physical and chemical characteristics for agricultural production, but with less ability to store soil moisture than prime farmland. "Unique Farmland" is used for production of the state's major crops on soils not qualifying as prime farmland or of statewide importance. The FMMP also identifies "Grazing Land", "Urban and Built-up Land", "Other Land", and "Water" that is not included in any other mapping category.

California Public Resources Code Section 4526

"Timberland" means land, other than land owned by the federal government and land designated by the board as experimental forest land, which is available for, and capable of, growing a crop of trees of a commercial species used to produce lumber and other forest products, including Christmas trees. Commercial species shall be determined by the board on a district basis.

California Public Resources Code Section 12220(g)

"Forest land" is 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.

Butte County Right to Farm Ordinance

Butte County has adopted a Right to Farm Ordinance (Butte County Code Chapter 35, Protection of Agricultural Land). This ordinance protects properly conducted agricultural operations in the unincorporated County against nuisance lawsuits, and requires annual disclosure to all property owners within the County of the right to farm. In addition, the ordinance requires disclosure to buyers of real property and as part of development approvals. While the County Right-to-Farm Ordinance specifically applies to commercial agricultural operations within the unincorporated area, all commercial agricultural operations that comply with agricultural standards currently are protected from nuisance claims under State law (Section 3482.5 of the California Civil Code), whether located within cities or unincorporated areas.

Discussion

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

No impact. The California Farmland Mapping and Monitoring Program designates the project parcel as "Urban and Built-up Land", which contains land occupied by structures with a building of at least 1 unit per 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes. Only lands categorized as Prime Farmland, Farmland of Statewide Importance, Unique Farmland, and Farmland of Local Importance (if adopted by the county) are designated as Important Farmland. The proposed project is not located on lands designated as Important Farmland in the Farmland Mapping and Monitoring Program, and would not result in the conversion of Important Farmland to a non-agricultural use.

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

No impact. The project site is not under a Williamson Act Contract. There are no parcels under a Williamson Act Contract within 300 feet of the project site.

The project site and surrounding area is zoned industrial, residential and public. The nearest agriculturally zoned land is located approximately 0.3 miles to the south. Therefore, the change in the land use designation and zoning from residential to industrial will not have an impact to agriculturally zoned land.

- c) **Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?**

No impact. The project site and surrounding area is not classified as forestland, as defined in Public Resources Code Section 12220(g), or as timberland, as defined in Public Resources Code Section 4526. The project site is not zoned or designated for forest or timber resource uses.

- d) **Result in the loss of forest land or conversion of forest land to non-forest use?**

No impact. The project site is located in the valley region of Butte County and does not contain trees or timber resources classified as forestland, as defined in Public Resources Code Section 12220(g), or as timberland, as defined in Public Resources Code Section 4526. Therefore, the proposed project would not result in loss or conversion of forest land to a non-forest use.

- 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 or conversion of forest land to non-forest use?**

No impact. The project site and surrounding area is designated as "Urban and Built-up Land" under the California Farmland Mapping and Monitoring Program. No prime, unique or farmland of statewide importance occurs on the project site, or in the immediate vicinity of the project site. Therefore, the project would not result in the conversion of Farmland to a non-agricultural use.

1.3 AIR QUALITY

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>III. Air Quality.</p> <p>Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied on to make the following determinations.</p> <p>Are significance criteria established by the applicable air district available to rely on for significance determinations? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Would the project:</p>				
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 checked="" type="checkbox"/>	<input 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"/>

Environmental Setting

Butte County is located within the Sacramento Valley Air Basin (SVAB), comprising the northern half of California's 400-mile long Great Central Valley. The SVAB encompasses approximately 14,994 square miles with a largely flat valley floor (excepting the Sutter Buttes) about 200 miles long and up to 150 miles wide, bordered on its east, north and west by the Sierra Nevada, Cascade and Coast mountain ranges, respectively.

The SVAB, containing 11 counties and some two million people, is divided into two air quality planning areas based on the amount of pollutant transport from one area to the other and the level of emissions within each. Butte County is within the Northern Sacramento Valley Air Basin (NSVAB), which is composed of Butte, Colusa, Glenn, Shasta, Sutter, Tehama, and Yuba Counties.

Emissions from the urbanized portion of the basin (Sacramento, Yolo, Solano, and Placer Counties) dominate the emission inventory for the Sacramento Valley Air Basin, and on-road motor vehicles are the primary source of emissions in the Sacramento metropolitan area. While pollutant concentrations have generally declined over the years, additional emission reductions will be needed to attain the State and national ambient air quality standards in the SVAB.

Seasonal weather patterns have a significant effect upon regional and local air quality. The Sacramento Valley and Butte County have a Mediterranean climate, characterized by hot, dry summers and cool, wet winters. Winter weather is governed by cyclonic storms from the North Pacific, while summer weather is typically subject to a high pressure cell that deflects storms from the region.

In Butte County, winters are generally mild with daytime average temperatures in the low 50s°F and nighttime temperatures in the upper 30s°F. Temperatures range from an average January low of approximately 36°F to an average July high of approximately 96°F, although periodic lower and higher temperatures are common. Rainfall between

October and May averages about 26 inches but varies considerably year to year. Heavy snowfall often occurs in the northeastern mountainous portion of the County. Periodic rainstorms contrast with occasional stagnant weather and thick ground or “tule” fog in the moister, flatter parts of the valley. Winter winds generally come from the south, although north winds also occur.

Diminished air quality within Butte County largely results from local air pollution sources, transport of pollutants into the area from the south, the NSVAB topography, prevailing wind patterns, and certain inversion conditions that differ with the season. During the summer, sinking air forms a “lid” over the region, confining pollution within a shallow layer near the ground that leads to photochemical smog and visibility problems. During winter nights, air near the ground cools while the air above remains relatively warm, resulting in little air movement and localized pollution “hot spots” near emission sources. Carbon monoxide, nitrogen oxides, particulate matters and lead particulate concentrations tend to elevate during winter inversion conditions when little air movement may persist for weeks.

As a result, high levels of particulate matter (primarily fine particulates or PM2.5) and ground-level ozone are the pollutants of most concern to the NSVAB Districts. Ground-level ozone, the principal component of smog, forms when reactive organic gases (ROG) and nitrogen oxides (NOx) – together known as ozone precursor pollutants – react in strong sunlight. Ozone levels tend to be highest in Butte County during late spring through early fall, when sunlight is strong and constant, and emissions of the precursor pollutants are highest (Butte County CEQA Air Quality Handbook 2014).

Air Quality Attainment Status

Local monitoring data from the BCAQMD is used to designate areas a nonattainment, maintenance, attainment, or unclassified for the National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS). The four designations are further defined as follows:

Nonattainment – assigned to areas where monitored pollutant concentrations consistently violate the standard in question.

Maintenance – assigned to areas where monitored pollutant concentrations exceeded the standard in question in the past but are no longer in violation of that standard.

Attainment – assigned to areas where pollutant concentrations meet the standard in question over a designated period of time.

Unclassified – assigned to areas where data are insufficient to determine whether a pollutant is violating the standard in question.

Table 1.3-1. Federal and State Attainment Status of Butte County

POLLUTANT	STATE DESIGNATION	FEDERAL DESIGNATION
1-hour ozone	Nonattainment	-
8-hour ozone	Nonattainment	Nonattainment
Carbon monoxide	Attainment	Attainment
Nitrogen Dioxide	Attainment	Attainment
Sulfur Dioxide	Attainment	Attainment
24-Hour PM10	Nonattainment	Attainment
24-Hour PM2.5	No Standard	Attainment
Annual PM10	Attainment	No Standard
Annual PM2.5	Nonattainment	Attainment

Source: Butte County AQMD, 2018

Sensitive Receptors

Sensitive receptors are frequently occupied locations where people who might be especially sensitive to air pollution are expected to live, work, or recreate. These types of receptors include residences, schools, churches, health care facilities, convalescent homes, and daycare centers. The project site is located in an urban area with adjacent uses of industrial and residential uses. Table 1.3-2 lists sensitive receptors that were identified in the project vicinity and the distances from the project site.

Table 1.3-2. Sensitive Receptors in the Project Vicinity

SENSITIVE RECEPTORS	DISTANCE FROM PROJECT SITE TO RECEPTOR
Residence (2600 Fair Street)	208 feet north
Residence (2608 Fair Street)	225 feet north
Residence (2626 Fair Street)	245 feet northeast
Residence (408 Paseo Companeros)	370 feet east
Residence (420 Paseo Companeros)	265 feet east
Residence (428 Paseo Companeros)	185 feet east
Residence (438 Paseo Companeros)	280 feet east
Residence (448 Paseo Companeros)	365 feet east
Residence (456 Paseo Companeros)	410 feet east

Source: Butte County Geographical Information System/Google Earth imagery

Butte County Air Quality Management District

The Butte County Air Quality Management District (BCAQMD) is the local agency with primary responsibility for compliance with both the federal and state standards and for ensuring that air quality conditions are maintained. They do this through a comprehensive program of planning, regulation, enforcement, technical innovation, and promotion of the understanding of air quality issues.

Activities of the BCAQMD include the preparation of plans for the attainment of ambient air quality standards, adoption and enforcement of rules and regulations concerning sources of air pollution, issuance of permits for stationary sources of air pollution, inspection of stationary sources of air pollution and response to citizen complaints, monitoring of ambient air quality and meteorological conditions, and implementation of programs and regulations required by the FCAA and CCAA.

According to the State CEQA Guidelines, the significance criteria established by the applicable air quality management or air pollution control district may be relied on to make significance determinations for potential impacts on environmental resources. BCAQMD is responsible for ensuring that state and federal ambient air quality standards are not violated within Butte County. Analysis requirements for construction and operation-related pollutant emissions are contained in BCAQMD's *CEQA Air Quality Handbook: Guidelines for Assessing Air Quality and Greenhouse Gas Impacts for Projects Subject to CEQA Review*. Established with these guidelines are screening criteria to determine whether additional modeling for criteria air pollutants is necessary for a project. The CEQA Air Quality Handbook also contains thresholds of significance for construction-related and operation-related emissions: ROG, NO_x and PM₁₀. The screening criteria listed in Table 1.3-4 were created using CalEEMod version 2013.2.2 for the given land use types. To determine if a proposed project meets the screening criteria, the size and metric for the land use type (units or square footage) should be compared with that of the proposed project. If a project is less than the applicable screening criteria, then further quantification of criteria air pollutants is not necessary, and it may be assumed that the project would have a less than significant impact for criteria air pollutants. If a project exceeds the size provided by the screening criteria for a given land use type then additional modeling and quantification of criteria air pollutants should be performed (Butte County Air Quality Management District 2014).

Table 1.3-3. Screening Criteria for Criteria Air Pollutants

LAND USE TYPE	MAXIMUM SCREENING LEVELS FOR PROJECTS
Single-Family Residential	30 Units
Multi-Family (Low Rise) Residential	75 Units
Commercial	15,000 square feet
Educational	24,000 square feet
Industrial	59,000 square feet
Recreational	5,500 square feet
Retail	11,000 square feet

Source: Butte County AQMD, CEQA Air Quality Handbook, 2014

Discussion

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less than significant impact. The applicable air quality plan for the project area is the *Northern Sacramento Valley Planning Area 2015 Triennial Air Quality Attainment Plan*. In adopting this plan, BCAQMD assumes that growth within its jurisdiction will be in accordance with city and county general plans, for which air quality effects associated with build-out, have been analyzed.

A project is deemed inconsistent with an air quality plan if it would result in population or employment growth that exceeds the growth estimates in the applicable air quality plan (i.e., generating emissions not accounted for in the applicable air quality plan emissions budget). Therefore, proposed projects need to be evaluated to determine whether they would generate population and employment growth and, if so, whether that growth would exceed the growth rate included in the applicable air quality plan.

The proposed project could result in additional industrial growth in the County with future industrial development. However, due to parking, vehicle access, setbacks from the residential zone and riparian area along the northeast portion of the project site area, future industrial development is not likely to exceed the 59,000 square feet the maximum screening criteria established in Table 1.3-3. The existing development is approximately 8,500 square feet. Therefore, the project is not anticipated to cause significant impacts to regional air quality or otherwise conflict with the basin's air quality management plan, provided that best management practices for the control of fugitive dust during construction activities are employed.

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?

Less than significant impact with mitigation incorporated. The proposed project has the potential to impact air quality primarily in two ways: (1) the project would generate mobile source emissions (i.e., added vehicle trips, energy use) associated with future development, and (2) construction activities associated with the existing use and future development of the project site would generate fugitive dust (PM10) from grading activities, construction exhaust emissions (PM10, NOx), and evaporative emissions of reactive organic gases (ROG or VOC) from paving activities and architectural coatings.

Mobile source emissions are produced from motor vehicles, and include tailpipe and evaporative emissions. Energy use associated with future development also generate emission from heating and cooling systems, lighting, applicant, water use and wastewater. No development is proposed with this project; however, future development of the resultant parcels have the potential to generate these direct and indirect emissions. Emissions generated during at build-out of the of the project site is not expected to be substantial, and would not significantly violate existing air quality standards, because only a limited amount development would occur

over the project site. The limited amount of development to occur with the proposed project was compared to the screening criteria of Table 1.3-3, and deemed to have a less than significant impact to the environment.

Construction-related emissions are generally created throughout the course of project implementation and parcel development, and would originate from construction equipment exhaust, employee vehicle exhaust, dust from grading the land, exposed soil eroded by wind, and ROGs from architectural coating and asphalt paving. Construction-related emissions would vary substantially depending on the level of activity, length of the construction period, specific construction operations, types of equipment, number of personnel, wind and precipitation conditions, and soil moisture content. Despite this variability in the project and project site conditions, there are a number of feasible control measures that can be reasonably implemented to reduce construction-related emissions to a less than significant level. These measures as well as other common air pollution control measures are recommended in *Appendix C of BCAQMD's CEQA Handbook (2014)*, and are to be implemented as Mitigation Measure AIR-1, listed below.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less than significant impact with mitigation incorporated. Sensitive receptors in the project area and their distances from the project site area contained Table 1.3-2. Based on the information provided in section b.), above, the proposed project would not result in the violation of any air quality standards or contribute substantially to an existing or projected air quality violation, except for potential fugitive dust emissions during construction activities. Implementation of Mitigation Measure AIR-1 would reduce potential cumulative fugitive dust emission impacts to a less than significant level.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less than significant impact. Future permitted uses would not create significant objectionable odors. However, future construction activities could include objectionable odors from tailpipe diesel emissions and from solvents in adhesives, paints, caulking materials, and new asphalt. Since odor impacts would be temporary and limited to the area adjacent to the construction operations, and because the project site is located in a rural area of the county, odors would not impact a substantial number of people for an extended period of time.

Mitigation Measures

Mitigation Measure AIR-1

The following best practice measures to reduce impacts to air quality shall be incorporated by the project applicant, subject property owners, or third-party contractors during construction activities on the project site. These measures are intended to reduce criteria air pollutants that may originate from the site during the course of land clearing and other construction operations.

Diesel PM Exhaust from Construction Equipment and Commercial On-Road Vehicles Greater than 10,000 Pounds

- All on- and off-road equipment shall not idle for more than five minutes. Signs shall be posted in the designated queuing areas and/or job sites to remind drivers and operators of the five-minute idling limit.
- Idling, staging and queuing of diesel equipment within 1,000 feet of sensitive receptors is prohibited.
- All construction equipment shall be maintained in proper tune according to the manufacturer's specifications. Equipment must be checked by a certified mechanic and determined to be running in proper condition before the start of work.
- Install diesel particulate filters or implement other CARB-verified diesel emission control strategies.
- Shall not operate a diesel-fueled auxiliary power system (APS) to power a heater, air conditioner, or any ancillary equipment on that vehicle during sleeping or resting in a sleeper berth for greater than 5 minutes at any location when within 100 feet of a restricted areas.

- To the extent feasible, truck trips shall be scheduled during non-peak hours to reduce peak hour emissions.

Operational TAC Emissions

- All mobile and stationary Toxic Air Contaminants (TACs) sources shall comply with applicable Airborne Toxic Control Measures (ATCMs) promulgated by the CARB throughout the life of the project (see <http://www.arb.ca.gov/toxics/atcm/atcm.htm>).
- Stationary sources shall comply with applicable District rules and regulations.

Fugitive Dust

Construction activities can generate fugitive dust that can be a nuisance to local residents and businesses near a construction site. Dust complaints could result in a violation of the District's "Nuisance" and "Fugitive Dust" Rules 200 and 205, respectively. The following is a list of measures that may be required throughout the duration of the construction activities:

- Reduce the amount of the disturbed area where possible.
- Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site. An adequate water supply source must be identified. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible.
- All dirt stockpile areas should be sprayed daily as needed, covered, or a District approved alternative method will be used.
- Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible following completion of any soil disturbing activities.
- Exposed ground areas that will be reworked at dates greater than one month after initial grading should be sown with a fast-germinating non-invasive grass seed and watered until vegetation is established.
- All disturbed soil areas not subject to re-vegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the Butte County Air Quality Management District.
- All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.
- Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site.
- All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailer) in accordance with local regulations.
- Install wheel washers where vehicles enter and exit unpaved roads onto streets, or wash off trucks and equipment leaving the site.
- Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers with reclaimed water should be used where feasible.
- Post a sign in prominent location visible to the public with the telephone numbers of the contractor and the Butte County Air Quality Management District - (530) 332-9400 for any questions or concerns about dust from the project.

All fugitive dust mitigation measures required should be shown on grading and building plans. In addition, the contractor or builder should designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend period when work may not be in progress. The name and telephone number of such persons shall be provided to the District prior to land use clearance for map recordation and finished grading of the area.

Please note that violations of District Regulations are enforceable under the provisions of California Health and Safety Code Section 42400, which provides for civil or criminal penalties of up to \$25,000 per violation.

Plan Requirements: This note shall also be placed on all building and site development plans.

Timing: Requirements of the condition shall be adhered to throughout all grading and construction periods.

Monitoring: Building inspectors shall spot check and shall ensure compliance on-site. Butte County Air Pollution Control District inspectors shall respond to nuisance complaints.

1.4 BIOLOGICAL RESOURCES

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. Biological Resources.				
Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or the 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 the U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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"/>

Environmental Setting

The project site is located in the valley region, situated south of the City of Chico. The Butte County General Plan Figure COS-2 identifies this property as *Urban Land*. A majority of the site has been used a truck repair business. The undeveloped portion is primarily grassland and valley oak riparian forest as identified landcover mapping prepared for the Draft Butte Regional Conservation Plan. Comanche Creek is found along the northeast border of the project site, it is surrounded by a riparian corridor.

Urban Land

Urban lands generally provide areas of low value for wildlife, however, exceptions do occur, such as, along creeks with riparian vegetation.

Riparian Woodland

Riparian woodland habitats occur in the Central Valley and are generally associated with low velocity flows, flood plains and gentle topography. Riparian communities are disproportionately important as they make up a relatively small area within the landscape but support higher species diversity than other habitat types in California. They are structurally diverse and provide food, water, migration and dispersal corridors, and escape, nesting, and thermal cover for a wide variety of species including many special-status species. Dominant canopy species include cottonwood, western sycamore, and valley oak. Common sub-canopy species include box elder, Oregon ash, and white alder. Typical understory species include wild rose (*Rosa californica*), California grape, Himalayan blackberry, California blackberry (*Rubus ursinus*), blue elderberry, poison oak (*Toxicodendron diversilobum*), and various willow species (*Salix* spp.). Common herbaceous species include sedges, rushes, mugwort (*Artemisia douglasiana*), and stinging nettle (*Urtica dioica*).

A number of wildlife species can be found within riparian woodlands including black-tailed deer (*Odocoileus hemionus columbianus*), coyote (*Canis latrans*), American porcupine (*Erethizon dorsatum*), western fence lizard (*Sceloporus occidentalis*), southern alligator lizard (*Elgaria multicarinata*), Sierran treefrog (*Pseudacris sierra*), spotted towhee (*Pipilo maculatus*), red shouldered hawk (*Buteo lineatus*), Cooper's hawk (*Accipiter cooperii*), and Bewick's wren (*Thryomanes bewickii*). In addition to these species that permanently reside in riparian woodlands, a number of species of neotropical migrants are found in this community from spring through fall.

Endangered, Threatened and Rare Species

Many species of plants and animals within the State of California have low populations, limited distributions, or both. Such species may be considered "rare" and are vulnerable to extirpation as the state's human population grows and the habitats these species occupy are converted to agricultural and urban uses. A sizable number of native species and animals have been formally designated as threatened or endangered under State and Federal endangered species legislation. Others have been designated as "Candidates" for such listing and the California Department of Fish and Wildlife (CDFW) has designated others as "Species of Special Concern". The California Native Plant Society (CNPS) has developed its own lists of native plants considered rare, threatened or endangered. Collectively, these plants and animals are referred to as "special status species."

Various direct and indirect impacts to biological resources may result from the small amount of development enabled by the project, including the loss and/or alteration of existing undeveloped open space that may serve as habitat. Increased vehicle trips to and from the project site can result in wildlife mortality and disruption of movement patterns within and through the project vicinity. Disturbances such as predation by pets (e.g., cats and dogs) and human residents may also occur at the human/open space interface, while conversion of land from lower to higher density residential use can lead to a predominance of various urban-adapted wildlife species (e.g., coyotes, raccoons, ravens and blackbirds) that have been observed to displace more sensitive species.

California Environmental Quality Act Guidelines Section 15065 requires a mandatory finding of significance for projects that have the potential to substantially degrade or reduce the habitat of a threatened or endangered species, and to fully disclose and mitigate impacts to special status resources. For the purposes of this Initial Study, the California Environmental Quality Act (Sections 21083 and 21087, Public Resources Code) defines mitigation as measure(s) that:

- Avoids the impact altogether by not taking a certain action or parts of an action.
- Minimizes impacts by limiting the degree or magnitude of the action and its implementation.
- Rectifies the impact by repairing, rehabilitating, or restoring the impacted environment.
- Reduces or eliminates the impact over time by preservation and maintenance operations during the life of the project.
- Compensates for the impact by replacing or providing substitute resources or environments.

The California Natural Diversity Database (CNDDDB) was reviewed to determine if any special-status species have the potential to occur on the project site or in the vicinity. Table 4.4-1 lists the regulatory status and habitat requirements for each special-status species identified within a two-mile radius of the project site.

Scientific Name	Common Name	FEDLIST	CALLIST	CNPS List	CDFW Status	Habitat
<i>Balsamorhiza macrolepis</i>	big-scale balsamroot	None	None	1B.2		dry, open habitat
<i>Limnanthes floccosa</i> ssp. <i>californica</i>	Butte County meadowfoam	Endangered	Endangerd	1B.1		Valley and foothill grassland/vernal pools
<i>Desmocercus californicus dimorphus</i>	valley elderberry longhorn beetle	Threatened	None			Elderberry bush
<i>Emys marmorata</i>	western pond turtle	None	None		SSC	ponds, rivers, streams, lakes
<i>Lepidurus packardi</i>	vernal pool tadpole shrimp	Endangered	None			vernal pools, aquatic habitats
<i>Oncorhynchus mykiss</i> <i>irideus</i> pop. 11	steelhead - Central Valley DPS	Threatened	None			Rivers and their tributaries
<i>Vireo bellii pusillus</i>	least Bell's vireo	Endangered	Endangered			dense shrubbery/riparian

Source: California Native Diversity Database Version 5

Discussion

- 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 the U.S. Fish and Wildlife Service?

Less than significant impact with mitigation incorporated. As identified above in Table 4.4-1, there were Federal and State Listed Species, Species of Special Concern and a plant species identified by the California Native Plant Society. No special-status plants or wildlife species were found on the project site. The only area on the project site that has not been disturbed for the existing onsite use, is the riparian area along Comanche Creek along the northern portion of the project site. Butte County Zoning Code, Article 16, Riparian Areas, preserves riparian vegetation and protects wildlife habitat corridors along natural drainage ways, and creeks.

The northern portion of the project site along Comanche Creek and along the eastern portion does contain suitable habitat for several avian species protected under the MBTA, including the western meadowlark. To avoid potential impacts to avian species protected under the MBTA and California Fish and Game Code (CFG), Mitigation Measure BIO-1 is recommended prior to development of Parcel 1 and Parcel 2. Adherence to recommended mitigation measures would reduce potential impacts to a less than significant level.

- 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 the U.S. Fish and Wildlife Service?

Less than significant impact with mitigation incorporated. The majority of the project site is identified as Urban by the Butte Regional Conservation Plan. However, the northern portion of the project site, along Comanche Creek is identified as a Valley Oak Riparian Forest (VORF, which qualifies a sensitive natural community. The northern portion of the project site is currently being used as a basecamp to house Camp Fire workers and associated equipment. This use is a temporary use and does require the approval of an Administrative Permit. The area for the basecamp includes an area that is used for current truck repair business and grassland area adjacent to the (VORF). Bushes and shrubs were also cleared to allow for the basecamp. The site clearing for the basecamp did not encroach upon, or require a Section 1600 permit for streambed alteration. Mitigation Measure BIO-2 is included to avoid the VORF and site disturbance within 50 feet of Comanche Creek.

- 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?**

Less than significant impact with mitigation incorporated. Based on project site observations, review of aerial imagery, and the existing site development to support the existing truck repair business and storage, no wetlands are on the project site. As discussed in section b above, the northern portion of the project site, along Comanche Creek is identified as a Valley Oak Riparian Forest (VORF, which qualifies a sensitive natural community. The northern portion of the project site is currently being used as a basecamp to house Camp Fire workers and associated equipment. This area is a riparian area along Comanche Creek. Butte County Zoning Code, Article 16, Riparian Areas, preserves riparian vegetation and protects wildlife habitat corridors along natural drainage ways, and creeks. Mitigation Measure BIO-2 is included to avoid the VORF and site disturbance within 50 feet of Comanche Creek.

- d) **Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

Less than significant impact. Wildlife movement corridors are routes frequently utilized by wildlife that provide shelter and sufficient food supplies to support wildlife species during migration. Movement corridors generally consist of riparian, woodlands, or forested habitats that span contiguous acres of undisturbed habitat. Wildlife movement corridors are an important element of resident species home ranges, including deer and coyote.

The project site is not located within Butte County migratory deer corridors. No major migratory routes or corridors have been designated through the project site, and the existing developed components of the project area (i.e., roads, industrial residential uses, fenced parcels) preclude use of the area as a migratory wildlife corridor for large mammals. The project site has been developed and disturbed to support the existing truck repair business and storage business. The area along the northern portion is a riparian area along Comanche Creek. However, the site may facilitate home range and dispersal movement of resident wildlife species, including birds, small mammals and other wildlife. Subsequent development of the project site would follow the existing pattern of development found in the area, and would continue to allow for limited resident wildlife species movement. Butte County Zoning Code, Article 16, Riparian Areas, preserves riparian vegetation and protects wildlife habitat corridors along natural drainage ways, and creeks.

- e) **Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

Less than significant impact with mitigation incorporated. The project would not conflict with any local policies or ordinances protecting biological resources and is consistent with goals and policies identified in Butte County General Plan 2030. Butte County has not adopted a tree preservation ordinance or policy. Under CEQA, discretionary projects in a county that would result in the conversion of oak woodlands that may have a significant impact on the environment must be mitigated (Public Resources Code Section 21083.4). The northern portion of the project site, along Comanche Creek is identified as a Valley Oak Riparian Forest (VORF, which qualifies a sensitive natural community. In order to protect the VORF, Mitigation Measure BIO-2 is included to avoid the VORF and site disturbance within 50 feet of Comanche Creek for any current and future use on the site.

- f) **Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**

No impact. The Butte Regional Conservation Plan (BRCP) is a joint Habitat Conservation Plan (HCP)/National Community Conservation Plan (NCCP) that is currently being prepared for the western half of the Butte County.

In the event the BRCP is adopted, individual projects and development that occur in the BRCP planning area would need to be coordinated with the Butte County Association of Governments to ensure that the project does not conflict with the BRCP. As the plan has not been adopted, the proposed project will not conflict, nor interfere with, the attainment of the goals of the proposed plan.

Mitigation Measures

Mitigation Measure BIO-1

If project construction activities, including site grubbing and vegetation removal, occur during the nesting season for birds protected under the Migratory Bird Treaty Act (MBTA) and California Department Fish & Game Code (CDFC) (approximately February 1 – August 31), the project proponent shall retain a qualified biologist to perform preconstruction surveys for nesting bird species. Surveys to identify active bird nests shall be conducted within and 250 feet around the footprint of proposed construction site. The survey shall be conducted within 7 days prior to the initiation of construction activities. In the event that an active nest is observed, a species protection buffer shall be established. The species protection buffer will be defined by the qualified biologist based on the species, nest type and tolerance to disturbance. Construction activity shall be prohibited within the buffer zones until the young have fledged or the nest fails. Nests shall be monitored by a qualified biologist once per week and a report submitted to the Butte County Department of Development Services.

Plan Requirements: Perform protocol-level surveys for migratory birds protected by the California Department Fish & Game Code and the Migratory Bird Treaty Act.

Timing: Requirements of the condition shall be adhered to prior to and during construction activities planned to occur during nesting seasons for CDFC and MBTA species (between February 1 and August 31).

Monitoring: Department of Development Services shall ensure the condition is met at the time of construction activities.

Mitigation Measure BIO-2

Development and uses on the project site shall be required to be located at a minimum of 50-feet from the high-water mark of Comanche Creek and to not encroach into the Valley Oak Riparian Forest (VORF) area adjacent to Comanche Creek. Prior to any land disturbance, or use, near this area, an exhibit shall be prepared to identify the boundary of the VORF and the 50-foot high-water mark of Comanche Creek.

Plan Requirements: Submit exhibit identifying the boundary of the VORF and the 50-foot high-water mark of Comanche Creek..

Timing: Prior to any land disturbance or construction activities in the northern portion of the site.

Monitoring: Department of Development Services shall ensure the condition is met prior to land disturbance or construction activities.

1.5 CULTURAL RESOURCES

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

Environmental Setting

Butte County contains a rich diversity of archaeological, prehistoric and historical resources. The General Plan 2030 EIR observes that the "archaeological sensitivity of Butte County is generally considered high, particularly in areas near water sources or on terraces along water courses" (Butte County General Plan EIR, 2010, p. 4.5-7).

A substantial adverse change upon a historically significant resource would be one wherein the resource is demolished or materially altered so that it no longer conveys its historic or cultural significance in such a way that justifies its inclusion in the California Register of Historical Resources or such a local register (CEQA Guidelines Section 15064.5, subd. (b)(2)). Cultural resources include prehistoric and historic period archaeological sites; historical features, such as rock walls, water ditches and flumes, and cemeteries; and architectural features. Cultural resources consist of any human-made site, object (i.e., artifact), or feature that defines and illuminates our past. Often such sites are found in foothill areas, areas with high bluffs, rock outcroppings, areas overlooking deer migratory corridors, or near bodies of water.

Discussion

- a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

Less than significant impact with mitigation incorporated. The archaeological records search did not reveal the existence of any historic resources on the project site. The majority of the site has been used and developed as a truck repair business and basecamp. To avoid potential impacts to undiscovered prehistoric resources, historic resources, and human remains that may be uncovered during development activities on the project site, Mitigation Measure CUL-1, below, is recommended.

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

Less than significant impact with mitigation incorporated. Based on the records review no archeological resources have been recorded on the project site or within the project area. The possibility exists that buried archaeological resources that may meet the criteria of a unique archaeological resource is present on the project site. If any buried resources are encountered and damaged during project implementation, the

destruction of the archaeological resources would be a potentially significant impact. Implementation of Mitigation Measure CUL-1 would reduce this impact to a less-than-significant level.

c) **Disturb any human remains, including those interred outside of formal cemeteries?**

Less than significant impact with mitigation incorporated. Indications are that humans have occupied Butte County for over 10,000 years and it is not always possible to predict where human remains may occur outside of formal burials. Therefore, excavation and construction activities, regardless of depth, may yield human remains that may not be interred in marked, formal burials.

Under CEQA, human remains are protected under the definition of archaeological materials as being "any evidence of human activity." Additionally, *Public Resources Code section 5097.98* has specific stop-work and notification procedures to follow in the event that human remains are inadvertently discovered during project implementation.

The Butte County Conservation Element has established two policies that address the inadvertent discovery of human remains. COS-P16.3 requires human remains discovered during construction to be treated with dignity and respect and to fully comply with the federal Native American Graves Protection and Repatriation Act and other appropriate laws. COS-P16.4 requires work to stop if human remains are found during construction until the County Coroner has been contacted, and, if the human remains are determined to be of Native American origin, the North American Heritage Commission and most likely descendant have been consulted.

Implementation of the Mitigation Measure CUL-1 would ensure that all construction activities that inadvertently discover human remains implements state required consultation methods to determine the disposition and historical significance of any discovered human remains. Mitigation Measure CUL-1 would reduce this impact to a less than significant level.

Mitigation Measures

Mitigation Measure CUL-1

If grading activities reveal the presence of prehistoric or historic cultural resources (i.e., artifact concentrations, including arrowheads and other stone tools or chipping debris, cans glass, etc.; structural remains; human skeletal remains) work within 50 feet of the find shall immediately cease until a qualified professional archaeologist can be consulted to evaluate the find and implement appropriate mitigation procedures. If human skeletal remains are encountered, State law requires immediate notification of the County Coroner (530.538.7404). If the County Coroner determines that the remains are in an archaeological context, the Native American Heritage Commission in Sacramento shall be notified immediately, pursuant to State Law, to arrange for Native American participation in determining the disposition of such remains. The provisions of this mitigation shall be followed during construction of all subdivision improvements, including land clearing, road construction, utility installation, and building site development.

Plan Requirements: This note shall also be placed on all building and site development plans.

Timing: This measure shall be implemented during all site preparation and construction activities.

Monitoring: Should cultural resources be discovered, the landowner shall notify the Planning Division and a professional archaeologist. The Planning Division shall coordinate with the developer and appropriate authorities to avoid damage to cultural resources and determine appropriate action. State law requires the reporting of any human remains.

1.6 Energy

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy.				
Would the project:				
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

- a) **Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?**

Less than significant impact. The proposed project would consume energy primarily in two ways: (1) construction activities would consume energy through the operation of heavy off-road equipment, trucks, and worker traffic, and (2) future industrial uses would cause long-term energy consumption from electricity and propane gas consumption, energy used for water conveyance, and vehicle operations to and from the project site.

Construction energy consumption would largely occur from fuel consumption by heavy equipment during grading activities associated with road and building site clearance; trucks transporting construction materials to the site during parcel development; and, worker trips to and from the job site. Energy consumption during construction related activities would vary substantially depending on the level of activities, length of the construction period, specific construction operations, types of equipment, and the number of personnel. Despite this variability in the construction activities, the overall scope of the anticipated construction at the project site is relatively minor, and therefore would not require a substantial amount of fuel to complete construction. Additionally, increasingly stringent state and federal regulations on engine efficiency combined with local, state, and federal regulations limiting engine idling times and recycling of construction debris, would further reduce the amount of transportation fuel demand during project construction. Considering the minimal amount of construction activities associated with the project, the proposed project would not result in the wasteful and inefficient use of energy resources during construction and impacts would be less than significant.

Long-term energy consumption would occur with the existing truck repair business and after build-out of the rezoned parcels. Industrial uses would consume electricity and/or gas for space heating and water heating. Whereas, electricity would primarily be used for lighting and industrial operations. The project would also generate the potential of additional vehicle trips by additional industrial uses, which would result in the consumption of transportation fuel.

State and federal regulatory requirements addressing fuel efficiency are expected to increase fuel efficiency over time as older, less fuel-efficient vehicles are retired, and therefore would reduce vehicle fuel energy consumption rates over time. Therefore, energy impacts related to fuel consumption/efficiency during project operations would be less than significant.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency

Less than significant impact. Many of the state and federal regulations regarding energy efficiency are focused on increasing building efficiency and renewable energy generation, as well as reducing water consumption and Vehicles Miles Traveled. The proposed project includes energy conservation measures to meet and exceed the regulatory requirements, including reducing idling time of heavy equipment during construction activities (see Mitigation Measure AIR-1 and GHG-1) and future development meeting Title 24 and CalGreen building code standards at the time of project construction. Therefore, the proposed project would implement energy reduction design features and comply with the most recent energy building standards and would not result in wasteful or inefficient use of nonrenewable energy sources.

1.7 Geology and Soils

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. Geology and Soils.				
Would the project:				
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 California Geological Survey 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 (1994, as updated), creating substantial direct or indirect 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 wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?
-

Discussion

- 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 California Geological Survey Special Publication 42.)

Less than significant impact. There are no known active faults underlying, or adjacent to, the project site. The Cleveland Hill fault is the only active fault zone in Butte County identified in the most recent Alquist-Priolo Earthquake Fault Zoning Map. The Cleveland Hill fault is located east of Dunstone Drive and Miners Ranch Road, between North Honcut Creek and Mt. Ida Road, approximately 4± miles southeast of the City of Oroville. Because the nearest active fault is located a considerable distance from the project site, the likelihood of a surface rupture at the project site is very low, and would not be a design consideration for future development.

- ii) Strong seismic ground shaking?

Less than significant impact. Ground shaking at the project site could occur due to the earthquake potential of the regions active faults. However, active faults are relatively distant from the project site, and would result in low to moderate intensity ground shaking during seismic events. Future industrial development on the project site would be subject to the California Building Code (CBC). The CBC would provide minimum standards to safeguard life or limb, health, property and public welfare by regulating the design, construction, quality of materials, use and occupancy, location, and maintenance of buildings and structures within Butte County. Adherence to the CBC during building construction would ensure that potential impacts are less than significant.

- iii) Seismic-related ground failure, including liquefaction?

Less than significant impact. According to Butte County General Plan 2030, areas that are at risk for liquefaction can be found on the valley floor, especially near the Sacramento and Feather Rivers, and their tributaries, which have a higher potential to contain sandy and silty soils. Liquefaction is a phenomenon where loose, saturated, granular soils lose their inherent shear strength due to excess water pressure that builds up during repeated movement from seismic activity. Factors that contribute to the potential for liquefaction include a low relative density of granular materials, a shallow groundwater table, and a long duration and high acceleration of seismic shaking. Liquefaction usually results in horizontal and vertical movements from lateral spreading of liquefied materials and post-earthquake settlement of liquefied materials. Liquefaction potential is greatest where the groundwater level is shallow, and submerged loose, fine sands occur within a depth of approximately 50 feet or less. The Butte County Health and Safety Element's Liquefaction Potential Map indicates that the site has a generally moderate potential for liquefaction. The California Building Code (CBC) regulates the construction of structures, which may be constructed with approval of the proposed project. Adherence to CBC standards at the time of development of the project site would ensure that new structures are adequately sited and engineered to reduce impacts related to seismic ground failure, including liquefaction, are less than significant.

iv) Landslides?

Less than significant impact. The project area is primarily level with 0-2% slopes. As a result, the landslide potential for the project site and surrounding area is low. The Landslide Potential Map of the Health and Safety Element of the Butte County General Plan (Figure HS-4 of the General Plan) indicates that there is a low to no potential for landslides in this area. The potential for landslides on the project site is considered remote due to the lack of significant topography on the project site and on the surrounding parcels, so the potential impacts of landslides is less than significant level.

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

Less than significant impact. According to Figure 4.6-4 of Butte County General Plan 2030, the project site has a slight potential of soil erosion. Nevertheless, surface soil erosion and loss of topsoil has the potential to occur in any area of the county from disturbances associated with the construction-related activities. Construction activities could also result in soil compaction and wind erosion effects that could adversely affect soils and reduce the revegetation potential at the construction site and staging areas.

During construction-related activities, specific erosion control and surface water protection methods for each construction activity would be implemented on the project site. The type and number of measures implemented would be based upon location-specific attributes (i.e., slope, soil type, weather conditions). These control and protection measures, or BMPs, are standard in the construction industry and are commonly used to minimize soil erosion and water quality degradation.

Additionally, future construction activities may be subject to the National Pollutant Discharge Elimination System (NPDES) General Construction Activities Storm Water permit program if one acre or more of land is disturbed. Construction activities that result in a land disturbance of less than one acre, but which are part of a larger common plan of development, also require a permit. This program requires implementation of erosion control measures during and immediately after construction that are designed to avoid significant erosion during the construction period. In addition, the project operation would be subject to State Water Resources Control Board requirements for the preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) to control pollution in stormwater runoff from the project site, including excessive erosion and sedimentation. The SWPPP, if required, must be obtained prior to any soil disturbance activities. Implementation of standard erosion control BMP's during future construction-related activities, together with adherence to State requirements regarding grading activities, would ensure that potential erosion impacts are less than significant.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less than significant impact. According to Butte County General Plan 2030, the project site is not located in an area prone to landslides, subsidence or liquefaction. However, destabilization of natural or constructed slopes could occur as a result of future construction activities. Excavations, grading, and fill operations associated with parcel development could alter existing slope profiles making them unstable as a result of over-excavation of slope material, steepening of the slope, or increased loading. Standard engineering design features and construction procedures would be implemented to maintain stable slopes and excavations during construction, reducing impacts of unstable slopes to a less than significant level.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994, as updated), creating substantial direct or indirect risks to life or property?

Less than significant impact. According to Figure 4.6-3 of Butte County General Plan 2030, the project site is located in an area with a low potential to have expansive soils. Expansive soils can cause structural damage particularly when concrete structures are in direct contact with the soils. Appropriate design features to address

expansive soils may include excavation of potentially problematic soils during construction and replacement with engineered backfill, ground-treatment processes, direction of surface water and drainage away from foundation soils, and the use of deep foundations such as piers or piles. Implementation of these standard engineering methods and adherence to California Building Code (CBC) standards at the time of development of the project site would ensure that any impacts associated with expansive soils would remain less than significant.

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?

Less than significant impact. Wastewater disposal on the project site is provided by an existing, on-site septic systems. Additional development will be required to provide sufficient wastewater area. General Plan 2030 includes a number of policies in the Water Resources Element and the Public Facilities Services Element both to address existing septic systems in areas with poor soils and to ensure the safety of future septic systems. To ensure the safety of new septic systems, Policy PUB-P13.2 requires new development to demonstrate the availability of a safe, sanitary, and environmentally sound wastewater system. Similarly, Policy PUB-P13.3 requires applicants of projects that will rely on on-site wastewater systems to provide detailed plans demonstrating that the system will be adequate to serve the project (Butte County General Plan 2030 EIR).

The proposed general plan amendment and rezone was reviewed by Butte County Department of Environmental Health, in accordance with Chapter 19 of Butte County Code (On-Site Wastewater Systems). Butte County Department of Environmental Health identified that the project site has a commercial building on it that underwent a septic system repair in 2015. The rezoning of this and the adjacent 3 parcels as part of project does not affect the functionality of the onsite sewage disposal system nor the application of onsite sewage disposal regulations to this and the other parcels. Nor does the proposal to re-zone this and associated parcels effect well functions or the application of well construction regulations. The Environmental Health Division has no objections to this rezone and general plan amendment, recognizing that if rezoned to General Industrial, are subject to all relevant onsite sewage disposal codes and regulations in addition to water well codes and regulations.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less than significant impact. It is not likely that unique paleontological resources would be found in local sediments. Further, the discovery of fossils, and the subsequent opportunity for data collection and study, is a rare event that could occur from construction grading activities associated with development. As a result, the probability of encountering fossils on the project site is low, and would have a less than significant impact on previously unknown paleontological resources.

1.8 GREENHOUSE GAS EMISSIONS

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. Greenhouse Gas Emissions.				
Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The Butte County Climate Action Plan (CAP) was adopted on February 25, 2014. The Butte County CAP provides goals, policies, and programs to reduce GHG emissions, address climate change adaptation, and improve quality of life in the county. The Butte County CAP also supports statewide GHG emission-reduction goals identified in AB 32 and SB 375. Programs and actions in the CAP are intended to help the County sustain its natural resources, grow efficiently, ensure long-term resiliency to a changing environmental and economic climate, and improve transportation. The Butte County CAP also serves as a Qualified GHG Reduction Strategy under CEQA, simplifying development review for new projects that are consistent with the CAP.

A 2006 baseline GHG emission inventory was prepared for unincorporated Butte County. The inventory identified the sources and the amount of GHG emissions produced in the county. The leading contributors of GHG emissions in Butte County are agriculture (43%), transportation (29%), and residential energy (17%). The Climate Action Plan (CAP) adopted by the County provides a framework for the County to reduce GHG emissions while simplifying the review process for new development. Measures and actions identified in the CAP lay the groundwork to achieve the adopted General Plan goals related to climate change, including reducing GHG emissions to 1990 levels by 2020.

New projects are evaluated to determine consistency with the CAP and to identify which GHG emission reduction measures would be implemented with project approval. These measures may include expansion of renewable energy systems for new residential development by prewiring future development for photovoltaic systems; reduction of construction equipment idling time; and, installation of electric vehicle charging outlets in the garage or the exterior of the home.

Discussion

- a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than significant impact with mitigation incorporated. The project is a general plan amendment and rezone to change the parcels from rural residential zone to general industrial zone that would contribute greenhouse gas emissions during parcel development, and by the subsequent uses. The majority of the site is used as a truck repair business. No development is proposed as part of the project. However, future development and uses are possible. Therefore, construction-related emissions during parcel development may be generated from construction equipment exhaust, construction employee vehicle trips to and from the work site, architectural coatings and asphalt paving. The project's construction GHG emissions would occur over a short duration and would consist primarily of emissions from equipment exhaust. The long-term regional emissions

associated with the project would primarily occur from the creation of new vehicular trips, industrial uses and indirect source emissions, such as electricity usage for lighting.

The proposed project would be required to implement Mitigation Measure GHG-1, which reduces project emissions of heavy-duty diesel-powered equipment during construction and long-term GHG emissions associated with future uses on the project site. Implementation of this measure would minimize project-related GHG emissions to the extent feasible, consistent with AB 32 GHG reduction goals, and would therefore result in a less than significant impact.

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less than significant impact with mitigation incorporated. The project is subject to compliance with AB 32 greenhouse gas emission reduction goals, which are to reduce statewide GHG emissions to 1990 levels by 2020. Additionally, development on the project site would be subject to Title 24, California Building Code, which includes CalGreen standards. These standards include mandatory measures that addresses planning and design, energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. Implementation of Mitigation Measure GHG-1 would mitigated project-generated GHG emissions through programmatic-level measures established through the Butte County CAP. The project's compliance with the applicable policies and measures in the CAP would in turn meet the statewide GHG emission reduction goals.

Mitigation Measures

Mitigation Measure GHG-1

The project proponent shall implement the following measures during construction-related activities and at the time of development to offset the anticipated contribution of greenhouse gas emissions:

- Prewire all new development to support photovoltaic system installation.
- Install electrical vehicle outlets on external walls.
- Minimize equipment idling time during construction activities either by shutting equipment off when not in use or reducing the time of idling to no more than 3 minutes.
- Use clean or alternative fuel equipment during construction-related activities to improve fuel efficiency.

Plan Requirements: The measure shall be placed on all building and site development plans.

Timing: Shall be implemented prior to issuance of building permits for residential development. Construction-related measures shall be adhered to throughout all grading and construction periods.

Monitoring: Planning Division will ensure that future residential development includes the applicable measures during Building Permit review. Building inspectors shall spot check and shall ensure compliance on-site.

1.9 HAZARDS AND HAZARDOUS MATERIALS

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. 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 reasonably foreseeable upset and/or 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 type="checkbox"/>	<input checked="" 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 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 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 type="checkbox"/>	<input checked="" 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"/>

Discussion

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

Less than significant impact. Limited quantities of miscellaneous hazardous substances, such as gasoline, diesel fuel, hydraulic fluid, solvents, oils, etc. are used to maintain vehicles and motorized equipment during construction-related activities. Accidental spill of any of these substances could impact water and/or groundwater quality. Depending on the relative hazard of the material, if a spill were to occur of significant quantity, the accidental release could pose a hazard to construction workers, the public, as well as the environment. Construction personal who are experienced in containing accidental releases of hazardous

materials will be present to contain and treat affected areas in the event a spill occurs. If a larger spill were to occur, construction personal would generally be on-hand to contact the appropriate agencies.

It is not anticipated that large quantities of hazardous materials would be permanently stored or used within the project site. However, if large quantities are stored at the project site, the owner would be required to obtain a Hazardous Materials Business Plan. It is more likely that only small quantities of publicly-available hazardous materials (e.g., gasoline, diesel fuel, hydraulic fluid, solvents, oils, paint and maintenance supplies) will be routinely used within the project site for the truck maintenance/repair, basecamp uses and future industrial uses. However, these materials are not be used in sufficient strength or quantity to create a substantial risk of fire or explosion, or otherwise pose a substantial risk to human or environmental health.

- b) **Create a significant hazard to the public or the environment through reasonably foreseeable upset and/or accident conditions involving the release of hazardous materials into the environment?**

Less than significant impact. It's not anticipated that construction or operation of future residential development or agricultural uses would create a significant hazard to the environment or to the public due to the accidental release of hazardous materials into the environment. Accidental release of hazardous materials routinely used during construction activities are addressed in section a.), above.

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

No impact. No existing or proposed schools have been identified within one-quarter mile of the project site.

- d) **Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code §65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

Less than significant impact. A review of regulatory agency databases, which included lists of hazardous materials sites compiled pursuant to California Government Code Section 65962.5, did not identify a contamination site within, or adjacent to the project site. The two nearest sites are located approximately 800 feet to the north and 2,000 feet to the southeast. The site to the north is a hazardous materials site operating under a permit. The site to the southeast is an active site for the Skyway subdivision groundwater plume.

- 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?**

No impact. No public use airports have been identified to be located within the vicinity of the project site. Ranchoero Airport is a private airport and is located approximately 3.12 miles northwest from the project site. The proposed project is located outside the compatibility zones for the area airports, and therefore, would not result in a safety hazard to people working and residing on the project site.

- f) **Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

No impact. The proposed project would design, construct, and maintain roadways in accordance with applicable standards associated with vehicular access, resulting in the roadways that provide for adequate emergency access and evacuation. The project does not include any actions that physically interfere with any emergency response or emergency evacuation plans. Development of the project site would add an additional amount of trips onto the area roadways; however, area roadways and intersections would continue to operate

at an acceptable level of service. Future construction activities would be limited to private roads adjacent to the project site. No road improvements within a County right-of-way is anticipated.

g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?

Less than significant impact. The project site is located in the Local Responsibility Area (LRA) for fire protection. It is not located within an identified fire hazard area.

1.10 HYDROLOGY AND WATER QUALITY

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
X. Hydrology and Water Quality.				
Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater 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 on- or offsite erosion or siltation;	<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"/>
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 seiche 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 a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?

Less than significant impact. Butte County General Plan 2030 identifies the soil conditions of the project site has a slight potential to erode. Though the potential for erosion is low, future development of the project site would require grading, excavation and general site preparation activities, which could result in erosion of on-site soils and sedimentation during storm or high wind events. Erosion of on-site soils may temporarily impact surface water quality and water quality within nearby waterways. Downstream impacts from erosion may include increased turbidity and suspended sediment concentrations in waterways. Eroded soils also contains

nitrogen, phosphorous and other nutrients, that when deposited in water bodies, can trigger algal blooms that reduce water clarity, deplete oxygen, and create odors.

During construction-related activities, specific erosion control and surface water protection methods for each construction activity would be implemented on the project site by construction personnel. The type and number of measures implemented would be based upon location-specific attributes (i.e., slope, soil type, weather conditions). These control and protection measures, or BMPs, are standard in the construction industry and are commonly used to minimize soil erosion and water quality degradation.

Future construction activities may be subject to the National Pollutant Discharge Elimination System (NPDES) General Construction Activities Storm Water permit program if one acre or more of land is disturbed. Construction activities that result in a land disturbance of less than one acre, but which are part of a larger common plan of development, may also require a permit issued by the California Regional Water Quality Control Board. This program requires implementation of erosion control measures during and immediately after construction that are designed to avoid significant erosion during the construction period. Project operations that are under a NPDES permit would also be subject to the preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) to control pollution in stormwater runoff from the project site. A condition of approval reflecting the requirement of the applicant to obtain a NPDES permit, prior to grading activities, will be included with project approval.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less than significant impact. Domestic water to existing and planned uses on the project site would be provided by groundwater extraction via individual wells. Section 12.0 of the Butte County Improvement Standards outline the requirements of water supplies for proposed future uses on the site. The quantity and quality of the groundwater for the proposed development is reviewed by the Butte County Environmental Health Division by either a test well, a review of existing wells in the area, or a statement from a licensed well driller together with a report by an engineering geologist or hydrologist verifying that minimum well production for domestic purposes are achieved.

General Plan 2030 and the associated Environmental Impact Report included several actions and policies to address groundwater supplies and sustain groundwater resources. Butte County also has adopted the Butte County Integrated Water Resources Plan and Butte County Groundwater Management Plan, and has performed an analysis of long-term water usage and supplies with the 2001 Butte County Water Inventory and Analysis. The findings contained in these reports, together with the application of these existing policies and plans, led Butte County to conclude that the growth anticipated with General Plan 2030 would have a less than significant impact to groundwater supplies.

The proposed project would have no increase in impervious surfaces added to the project site. However, future uses/development would increase impervious surfaces. As part of any future development, drainage will be analyzed to not increase pre-development, peak storm runoff. The projected increase would not cause a measureable reduction in surface infiltration or a decrease in deep percolation to the underlying aquifers because density of the development would continue to provide open areas to allow for runoff infiltration.

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 on- or offsite erosion or siltation;

Less than significant impact. Minimal vegetation removal and soil disturbance would occur during clearing of building sites and for the access road. During construction-related activities, specific erosion control and surface water protection methods for each construction activity would be implemented on the project site by construction personnel. The type and number of measures implemented would be based upon location-specific attributes (i.e., slope, soil type, weather conditions). These control and protection measures, or BMPs, are standard in the construction industry and are commonly used to minimize soil erosion and water quality degradation. Application of BMPs administered through the construction process would minimize the potential increase of surface runoff from erosion.

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

Less than significant impact. The minor increase in impervious surface area from build-out of the site is not anticipated to be enough to alter existing drainage patterns or cause offsite flooding. While an increase in stormwater runoff may be expected due to the reduced absorption rate created from new impervious surfaces added to the site, such as from structures, future development would be reviewed by the Butte County Public Works Department to ensure any potential drainage concerns are addressed, and to ensure no net increase in stormwater runoff leaves the project site.

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

Less than significant impact. Planned stormwater drainage systems in the project area currently consists of a system of roadside ditches and culverts that capture surface runoff, which ultimately infiltrate into the underground aquifer or conveyed to area waterways.

General Plan 2030 Water Resource Element contains a number of policies that address stormwater runoff capacity. Policy W-P1.4 encourages Low Impact Development, which minimizes impervious areas, minimizes runoff and pollution, and incorporates best management practices. Policy W-P5.3 allows and encourages pervious pavements. Policy W-P5.5 requires that stormwater collection systems be installed concurrently with construction of new roadways to maximize efficiency and minimize disturbance due to construction activity. Policy HS-P3.2 requires that applicants for new development provide plans detailing existing drainage conditions and specifying how runoff will be detained or retained on-site and/or conveyed to the nearest drainage facility, without increasing the peak flow runoff to said channel or facility. Policy HS-P3.3 requires that all development include stormwater control measures and site design features that prevent any increase in the peak flow runoff to existing drainage facilities.

The proposed project would generate a minor increase in runoff from the future development of the site. Improvements are relatively small and conveyed through a system of existing roadside ditches and culverts to area waterways. The minor increase runoff would not exceed the capacity of the existing stormwater drainage systems or substantially increase polluted runoff.

iv) Impede or redirect flood flows?

Less than significant impact. The floodplain mapping of the project area identifies the project site being located mostly within the AO zone with a small portion of the subject property adjacent to Comanche Creek located in the AE zone. The flood depths within Zone AO are 1 to 3 feet, usually in the form of sheet flow. As a result, future development on the project site would be subject to the

County's Flood Hazard Prevention Ordinance. Chapter 26, Article IV of the Butte County Code requires the Department of Development Services to review all applications for new construction.

d) **In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?**

No impact. The project site is not located in an area that would be impacted by a seiche, tsunami, or mudflows.

e) **Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?**

No impact. The project site is located within the Vina subbasin of the Sacramento Valley groundwater basin bounded on the north at the Tehama County line, to the west by the Sacramento River, to the south at the border of Western Canal Water District, and to the east by the edge of the alluvial basin as defined by Bulletin 118. The Groundwater Sustainability Agencies in the Vina subbasin include Butte County, the City of Chico, Durham Irrigation District and Rock Creek Reclamation District. Butte County, The City of Chico and Durham Irrigation District are in the process of entering into a Joint Powers Agreement in order to create a Groundwater Sustainability Agency in order to implement the requirements of the Sustainable Groundwater Management Act including adoption of a basin management plan. As a basin management plan has not been adopted for the Vina subbasin, the proposed project will not conflict, nor interfere with, the attainment of the goals of the proposed plan.

1.11 LAND USE AND PLANNING

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. 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) 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

Butte County General Plan

The General Plan represents the community's values, ideals and aspirations with respect to land use, development, transportation, public services, and conservation policy that will govern Butte County through 2030. The Land Use Element of the General Plan designates the land use of areas within the County, and includes a description of the characteristics and intensity of each land use category. The proposed land use designation for the proposed project site is as follows:

Industrial

This designation allows the processing, manufacturing, assembly, packaging, storage, and distribution of goods and commodities. It also allows for warehouses, storage, logistics centers, trucking terminals, and railroad facilities. Alternative energy facilities are allowed in the Industrial designation, subject to permit requirements. In addition, this designation allows hazardous waste management facilities where it can be demonstrated that potential environmental impacts can be mitigated. Industrial uses are allowed by right where applicants can demonstrate that adequate existing services are already available. This designation allows for a maximum FAR of 0.5.

Butte County Zoning Ordinance

The Zoning Ordinance implements the goals and policies of the Butte County General Plan by regulating the uses of land and structures within the County. The zoning designation of the proposed project site and the intended uses of the site are as follows:

General Industrial (GI)

The purpose of the GI zone is to allow for a variety of industrial and service commercial uses in Butte County. Standards for the GI zone are intended to preserve locations for existing and future employment-generating businesses, including both traditional businesses and innovative green technology enterprises. In addition to the uses permitted in the LI zone, the GI zone also permits agricultural and timber processing and heavy manufacturing with the approval of a Conditional Use Permit. The maximum permitted floor area ratio in the GI zone is 0.5. The GI zone implements the Industrial land use designation in the General Plan.

Discussion

a) **Physically divide an established community?**

Less than significant impact. The project area is located in an urban area, adjacent to existing Heavy Industrial and General Industrial zones. The project parcels are also adjacent to a Very Low Density Residential zone. Future industrial development will be required to comply with Butte County Code §24-27 Development Standards for Industrial Zones, which will requires industrial buffer yards when adjacent to residential zoning districts. The project does have an existing industrial use, truck repair, and is adjacent to other industrial uses.

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?**

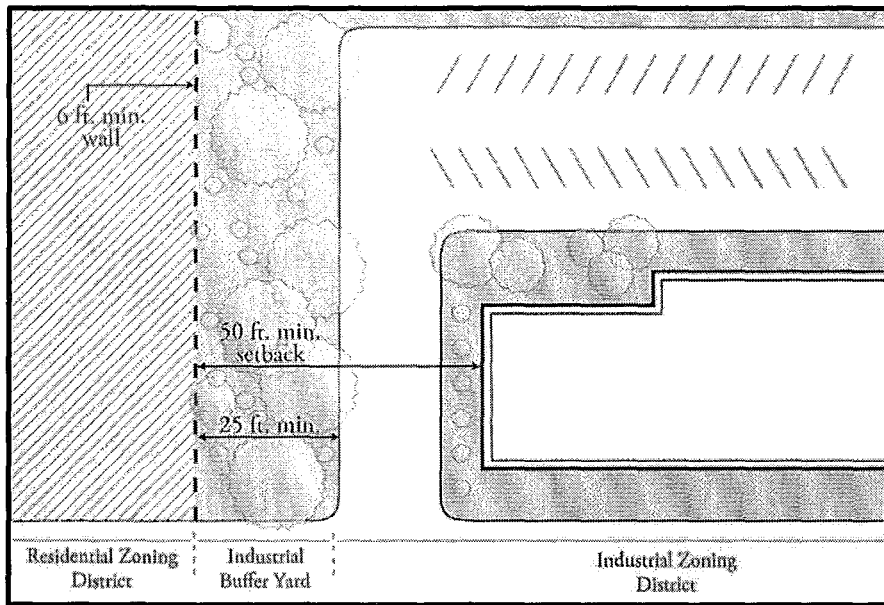
Less than significant impact with Mitigation Incorporated. The existing use on the project site would be consistent with proposed General Plan land use and zoning designations.

Section 24-27(C) of Butte County Code requires the establishment of a 25-foot wide industrial buffer yard including a solid masonry or equivalent wall no less than six feet in height be located along the outer perimeter of a property line abutting a residential zone. The industrial buffer yard is required for any development within an industrial zone that is adjacent to a residential zone.

C. Industrial Buffer Yards.

1. Industrial Buffer Yard Defined. An industrial buffer yard is an area of plantings and walls that shields neighboring residential properties from negative impacts created by industrial land uses.
2. When Required. An industrial buffer yard is required for any development within an industrial zone that is adjacent to a residential zone.
3. Buffer Yard Standards.
 - a. Industrial buffer yards shall be located along the outer perimeter of a property line abutting a residential zone. See Figure 24-27-1 (Industrial Buffer Yards).
 - b. The minimum width of an industrial buffer yard shall be twenty-five (25) feet located within the fifty (50) foot minimum setback area. See Figure 34-27-1 (Industrial Buffer Yards).
 - c. Industrial buffer yards shall include a solid masonry or equivalent wall no less than six (6) feet in height.
 - d. Industrial buffer yards shall be planted with a mix of deciduous and evergreen trees and shrubs of suitable type, size, and spacing to achieve screening year-round.
 - e. All plantings within an industrial buffer yard shall be maintained in a manner consistent with Section 24-118 (Maintenance) in Article III, Division 11 (Landscaping).
 - f. Paved surfaces shall be prohibited within industrial buffer yards. Buffer yards shall not be used for parking, driveways, trash enclosures, building areas, or any other activity associated with the primary use on the property.

FIGURE 24-27-1 INDUSTRIAL BUFFER YARDS



As part of the Conditional Zoning Agreement, staff will recommend a condition requiring this buffer for existing industrial uses that are not valid nonconforming uses (e.g. the existing basecamp located on APN 040-310-034) and for any future development.

On portions of the subject property covered by the valley oak riparian forest, there is the potential that strict application of the requirements of Section 24-27(C) may result in an adverse effect to the riparian forest resource by placement of the six-foot minimum height wall on the property line abutting the residential zone. The incorporation of Mitigation Measure LUP-1 will avoid this potential impact by constructing the wall along the edge, and outside of the canopy area and critical root zone of the riparian forest resource and utilization of the riparian forest to satisfy the required landscaping within the industrial buffer yard.

Other impacts to the environment resulting from the proposed project are subject to applicable mitigation and local, State and/or federal regulations, which would reduce those impacts to less than significant levels. With incorporation of Mitigation Measure LUP-1, impacts related to conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to General Plan 2030 or County ordinances) adopted for the purpose of avoiding or mitigating an environmental effect will be less than significant.

Mitigation Measures

Mitigation Measure LUP-1

Within 60 days of approval of the administrative permit for the existing basecamp, and prior to future development, the applicant/developer shall construct a solid masonry or equivalent wall no less than six (6) feet in height along the southerly and westerly edge of the identified valley oak riparian forest outside of the canopy and critical rooting zone (CRZ) as determined by a qualified professional having experience in California oak woodlands and is either a Certified Arborist, Qualified Wildlife Biologist or Registered Professional Forester.

Prior to construction or surface disturbance, a protective fence or brightly colored staked boundary shall be placed 5 feet beyond the established critical rooting zone of the valley oak riparian forest being protected. A warning sign shall be prominently displayed on each fence. The sign should be a minimum of 16 x 24 inches, brightly colored and be clearly visible, even from vehicles. The sign must clearly indicate that the CRZ is a

restricted area. Orange safety triangles may suffice if other signage cannot be constructed. A High visibility plastic mesh fence is recommended to maximize the visibility of protected tree areas. Wire with bright-colored flags placed at equal intervals can also be a suitable barrier so long as it maintains high visibility. Protective fencing shall remain in place until final inspection by the qualified professional.

Plan Requirements: This measure shall be placed on all building and site development plans.

Timing: This measure shall be implemented within 60 days of approval of the administrative permit for the existing basecamp and prior to issuance of building permits for future development.

Monitoring: The Planning Division will inspect the property to ensure the measure is implemented within 60 days of approval of the administrative permit and that future development includes the applicable measures during building permit review. Building inspectors shall spot check and shall ensure compliance on-site.

1.12 MINERAL RESOURCES

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. 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 checked="" type="checkbox"/>	<input 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) **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?**

Less than significant impact. There are no known economically viable sources of rock materials in the immediate vicinity of the project site. No mining operations have occurred on the project site or surrounding area, and the project would not preclude future extraction of available mineral resources. Mineral resource extraction is not proposed with this project. However, future development on the project site would use mineral resources in the construction of structures and access roads. The amount of resources used for development would not result in the loss of its availability.

- b) **Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?**

No impact. The project site is not within or near any designated locally-important mineral resource recovery site.

1.13 NOISE

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII.Noise.				
Would the project result in:				
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 in other applicable local, state, or federal standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

Environmental Setting

According to the Butte County General Plan 2030, noise is a concern throughout Butte County, but especially in rural areas and in the vicinity of noise-sensitive uses such as residences, schools, and churches. Noise is discussed in the Health and Safety Chapter of the Butte County General Plan 2030. Tables HS-2 and HS-3 in the County General Plan (included as Tables 1.13-1 and 1.13-2 below) outline the maximum allowable noise levels at sensitive receptor land uses.

Table 1.13-1. Maximum Allowable Noise Exposure Transportation Noise Sources

LAND USE	Exterior Noise Level Standard for Outdoor Activity Areas ^a		Interior Noise Level Standard	
	L _{dn} /CNEL, dB	L _{eq} , dBA ^b	L _{dn} /CNEL, dB	L _{eq} , dBA ^b
Residential	60 ^c	-	45	-
Transient Lodging	60 ^c	-	45	-
Hospitals, nursing homes	60 ^c	-	45	-
Theaters, auditoriums, music halls	-	-	-	35
Churches, meeting halls	60 ^c	-	-	40
Office Buildings	-	-	-	45
Schools, libraries, museums	-	70	-	45
Playgrounds, neighborhood parks	-	70	-	-

Source: Table HS-2, Butte County General Plan 2030

^a Where the location of outdoor activity areas is unknown, the exterior noise-level standard shall be applied to the property line of the receiving land use.

^b As determined for a typical worst-case hour during periods of use.

^c Where it is not possible to reduce noise in outdoor activity areas to 60 dB Ldn/CNEL or less using a practical application of the best-available noise reduction measures, an exterior noise level of up to 65 dB Ldn/CNEL may be allowed, provided that available exterior noise-level reduction measures have been implemented and interior noise levels are in compliance with this table.

Table 1.13-2. Maximum Allowable Noise Exposure Non-Transportation Noise Sources

NOISE LEVEL DESCRIPTION	Daytime 7 am - 7 pm		Evening 7 pm - 10 pm		Night 10 pm - 7 am	
	Urban	Non-Urban	Urban	Non-Urban	Urban	Non-Urban
Hourly Leq (dB)	55	50	50	45	45	40
Maximum Level (dB)	70	60	60	55	55	50

Source: Table HS-3, Butte County General Plan 2030

Notes:

1. "Non-Urban designations" are Agriculture, Timber Mountain, Resource Conservation, Foothill Residential and Rural Residential. All other designations are considered "urban designations" for the purposes of regulating noise exposure.
2. Each of the noise levels specified above shall be lowered by 5 dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g. caretaker dwellings).
3. The County can impose noise level standards which are up to 5 dB less than those specified above based upon determination of existing low ambient noise levels in the vicinity of the project site.
4. In urban areas, the exterior noise level standard shall be applied to the property line of the receiving property. In rural areas, the exterior noise level standard shall be applied at a point 100 feet away from the residence. The above standards shall be measured only on property containing a noise sensitive land use. This measurement standard may be amended to provide for measurement at the boundary of a recorded noise easement between all affected property owners and approved by the County.

Table 1.13.1, above, identifies the maximum allowable noise exposure to a variety of land uses from transportation sources, including from roadways, rail and airports. Table 1.13-2 identifies the maximum allowable noise exposure from non-transportation sources. In the case of transportation noise sources, exterior noise level standards for residential outdoor activity areas are 60 dB (Ldn/CNEL). However, where it is not possible to reduce noise in an outdoor activity area to 60 dB Ldn /CNEL or less using a practical application of the best-available noise-reduction measures, an exterior noise level of up to 65 dB may be allowed, provided that available exterior noise-level reduction measures have been implemented and interior noise levels are in compliance with applicable standards.

Butte County Noise Ordinance

Chapter 41A, Noise Control, of the Butte County Code of Ordinance applies to the regulation of noise. The purpose of the noise ordinance is to protect the public welfare by limiting unnecessary, excessive, and unreasonable noise. Section 41A-7 specifies the exterior noise limits that apply to land use zones within the County, which are provided in Table 1.13-2.

The Butte County Noise Ordinance provides the County with a means of assessing complaints of alleged noise violations and to address noise level violations from stationary sources. The ordinance includes a list of activities that are exempt from the provisions of the ordinance; however, some noise-generating activities associated with future residential uses would not be considered to be exempt from the Noise Ordinance. Relevant information related to the exterior and interior noise limits set out by the Butte County Noise Ordinance are included below.

Chapter 41A-9 Exemptions

The following are exempted activities identified in Chapter 41A-9 that are applicable to the proposed project:

(f) Noise sources associated with construction, repair, remodeling, demolition, paving or grading of any real property or public works project located within one thousand (1,000) feet of residential uses, provided said activities do not take place between the following hours:

- Sunset to sunrise on weekdays and non-holidays;
- Friday commencing at 6:00 p.m. through and including 8:00 a.m. on Saturday, as well as not before 8:00 a.m. on holidays;
- Saturday commencing at 6:00 p.m. through and including 10:00 a.m. on Sunday; and,
- Sunday after the hour of 6:00 p.m.

Provided, however, when an unforeseen or unavoidable condition occurs during a construction project and the nature of the project necessitates that work in process be continued until a specific phase is completed, the contractor or owner shall be allowed to continue work into the hours delineated above and to operate machinery and equipment necessary to complete the specific work in progress until that specific work can be brought to conclusion under conditions which will not jeopardize inspection acceptance or create undue financial hardships for the contractor or owner;

(g) Noise sources associated with agricultural and timber management operations in zones permitting agricultural and timber management uses;

(h) All mechanical devices, apparatus or equipment which are utilized for the protection or salvage of agricultural crops during periods of adverse weather conditions or when the use of mobile noise sources is necessary for pest control;

(i) Noise sources associated with maintenance of residential area property, provided said activities take place between 7:00 a.m. to sunset on any day except Saturday, Sunday, or a holiday, or between the hours of 9:00 a.m. and 5:00 p.m. on Saturday, Sunday, or a holiday; and, provided machinery is fitted with correctly functioning sound suppression equipment;

Chapter 41A-8 Butte County Interior Noise Standards

Interior noise standards discussed in Chapter 41A apply to all noise sensitive interior area within Butte County. The maximum allowable interior noise level standards for residential uses is 45 dB Ldn/CNEL, which is designed for sleep and speech protection. The typical structural attenuation of a residence from an exterior noise is 15 dBA when windows facing the noise source is open. When windows in good condition are closed, the noise attenuation factor is around 20 dBA for an older structure and 25 dBA for a newer dwelling.

Table 1.13-3. Maximum Allowable Interior Noise Standards

NOISE LEVEL DESCRIPTION	Daytime 7 am - 7 pm	Evening 7 pm - 10 pm	Nighttime 10 pm - 7 am
Hourly Leq (dB)	45	40	35
Maximum Level (dB)	60	55	50

Source: Butte County Code Chapter 41A-8, Interior Noise Standards

Discussion

- 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 in other applicable local, state, or federal standards?**

Less than significant impact. Surrounding uses include industrial to the north, west and south and residential to the east. Existing noise generating sources include the existing industrial operation and traffic on Midway. Noise levels contributed by the proposed project would include construction noise during future development and future industrial uses on the project site. Construction noises associated with development of the project site would primarily be from the use of heavy equipment, generators, employee vehicle trips and power tools. Construction-related noises would be temporary and intermittent, and would not result in long-term noise impacts. Compliance with Butte County Code provisions that exempt construction noise would ensure construction activities occur during daytime hours, making potential impacts less than significant.

Typical noises contributed by industrial uses include manufacturing operations, vehicle traffic, power tools, and heating and cooling systems. The noises generated by these activities are not atypical or unusual industrial-zoned properties in the project area. In the event noise levels exceed applicable noise standards, the County will review complaints in accordance with Butte County Code Chapter 41A.

- b) **Generation of excessive groundborne vibration or groundborne noise levels?**

Less than significant impact. The proposed project may involve temporary sources of groundborne vibration and groundborne noise from the operation of heavy equipment during future development and use of the project site. The type of heavy equipment typically used during construction would only generate localized groundborne vibration and groundborne noise that could be perceptible at residences or other sensitive uses in the immediate vicinity of the construction site. However, since the duration of impact would be infrequent and would occur during less sensitive daytime hours (i.e., between 7:00 a.m. and 7:00 p.m.), the impact from construction-related groundborne vibration and groundborne noise would be less than significant. Future industrial uses will subject to Butte County Code Chapter 41A regarding noise impacts on adjacent residential uses.

- 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?**

No impact. No public use airports have been identified to be located within the vicinity of the project site. Ranchoero Airport (a private airport) is located approximately 3.1 miles northwest from the project site. The proposed project is located outside the compatibility zones for the area airports, and therefore, would be outside the 60 dBA CNEL noise contour for the airport. The proposed project would not expose people working at the project site to excessive noise levels from a public use airport or private airstrip.

1.14 POPULATION AND HOUSING

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. Population and Housing.				
Would the project:				
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

- 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)?

Less than significant impact. The general plan amendment and rezone would change the land use designation and zoning from residential to industrial. The project site has an existing truck repair business. Future development activity would not involve construction of additional public roadways or infrastructure such as wastewater treatment facilities so as to indirectly induce population growth. Since housing and population generated by the proposed project would not exceed local and regional growth projections described in General Plan 2030, growth generated by the proposed project would not be substantial.

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

No impact. The project site is developed with a truck repair business. The proposed project would not result in the loss of existing housing, or cause a significant increase in the local population that would displace existing residents, necessitating the construction of additional housing.

1.15 PUBLIC SERVICES

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. Public Services.				
Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the 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) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the 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?

Less than significant impact. Fire protection services are provided by CalFire/Butte County Fire Department. Additional industrial development may incrementally increase the demand for fire protection services. Additionally, Butte County Code requires the payment of fire protection impact fees to help offset the impacts for the new development has on the fire protection services. Such fees would be used to fund capital costs associated with acquiring land for new fire stations, constructing new fire stations, purchasing fire equipment, and providing for additional staff as needed. Fire protection impact fees would be paid at the time of building permit issuance.

Police protection?

Less than significant impact. The Butte County Sheriff's Office provides law enforcement service to the site. Implementation of the proposed project could increase service calls if additional industrial structures are built. It is anticipated that project implementation would not require any new law enforcement facilities or the alteration of existing facilities to maintain acceptable performance objectives. The project's increase in demand for law enforcement services would be partially offset through project-related impact fees.

Schools?

Less than significant impact. The project site is located within the Chico Unified School District. Industrial development at the site would not result in an incremental demand for school facilities in the area. A development impact fee for school facilities will be assessed at the time of additional manufacturing development on the project site. Impact fees would partially offset any potential impact to area school facilities. While school districts maintain that these fees do not fully mitigate the impacts of a project, the County is precluded from imposing additional fees or mitigation by State legislation.

Parks?

Less than significant impact. The project site is located within the Chico Recreation and Park District (CARD). Future development on the project site would not result in a less than significant incremental increase in the use of existing local and regional park facilities.

Other public facilities?

Less than significant impact. The project does not require the extension of any public infrastructure, such as roads, water, or sewer systems. The project would result in added need for County services, such as law enforcement, fire protection, libraries, and road maintenance. Butte County collects various types of development impact fees to partially offset the cost and impacts associated with new residential units. These fees vary depending on the dwelling type, and are collected at the time of development.

1.16 RECREATION

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. 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"/>
b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The project site is located within the Chico Recreation and Park District (CARD). The district covers an area of approximately 208 square miles, and includes the City of Chico. The district operates and maintains approximately 214 acres of developed parkland and facilities to serve a population of approximately 104,367 residents. This translates into a level of service of 1.85 acres of parklands for every 1,000 residents. The total park facilities operated by the district do not include Bidwell Park and parks operated by State and Federal agencies. No park facilities are located in the vicinity of the project site; however, it's not anticipated that future industrial development on the site would impact the existing recreational facilities located in the City of Chico, as well as nearby State-operated facilities.

Discussion

- 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?

Less than significant impact. Increase in the demand for recreational facilities is typically associated with substantial increases in population. As discussed in Section 1.14 - Population and Housing, the proposed project would not generate growth in the local population. Therefore, the project would not increase use of existing parks and recreational facilities in the surrounding area and the parks and recreation district servicing the area.

- b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?

No impact. The proposed project does not include plans for additional recreational facilities nor would it require expansion of existing recreational facilities. Therefore, the proposed project would not result in any adverse physical effects on the environment from construction or expansion of recreational facilities.

1.17 TRANSPORTATION

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. Transportation.				
Would the project:				
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) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

Less than significant impact. The project site is located in an urban area with existing transit, bicycle or pedestrian facilities located on, or in the vicinity of, the project site. Future development of the project site would have minor long-term impacts on alternative transportation facilities. Construction activities associated with future development may generate short-term disruption to area roadways from an anticipated increase in traffic levels that may affect alternative transportation uses. However, construction activities associated with the proposed project would be temporary, and would require traffic control implementation, if needed.

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

Less than significant impact. The proposed project would not change the configuration (alignment) of area roadways, and would not introduce types of vehicles that are not already traveling on area roads. The project site is accessed at the signalized intersection of Midway and Hegan Lane. Future improvements would subject to review by Butte County Public Works. No atypical road design features has been identified on the existing area roadways that would cause a safety hazard.

- c) Result in inadequate emergency access?

Less than significant impact. The project site is located in a Local Responsibility Area (LSRA). The project site has access of a county-maintained paved road (Midway). The project, or future development, will not create inadequate emergency access.

1.18 TRIBAL CULTURAL RESOURCES

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. Tribal Cultural Resources.				
Has a California Native American Tribe requested consultation in accordance with Public Resources Code section 21080.3.1(b)?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Would the project 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:				
a) 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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) 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. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

Tribal Cultural Resources are defined as a site feature, place, cultural landscape, sacred place or object, which is of cultural value to a Tribe and is either on or eligible for the California Historic Register, a local register, or a resource that the lead agency, at its discretion, chooses to treat as such (Public Resources Code Section 21074 (a)(1)).

Butte County contains a rich diversity of archaeological, prehistoric and historical resources. The General Plan 2030 EIR observes that the "archaeological sensitivity of Butte County is generally considered high, particularly in areas near water sources or on terraces along water courses" (Butte County General Plan EIR, 2010, p. 4.5-7).

A substantial adverse change upon a historically significant resource would be one wherein the resource is demolished or materially altered so that it no longer conveys its historic or cultural significance in such a way that justifies its inclusion in the California Register of Historical Resources or such a local register (CEQA Guidelines Section 15064.5, sub. (b)(2)). Cultural resources include prehistoric and historic period archaeological sites; historical features, such as rock walls, water ditches and flumes, and cemeteries; and architectural features. Cultural resources consist of any human-made site, object (i.e., artifact), or feature that defines and illuminates our past. Often such sites are found in foothill areas, areas with high bluffs, rock outcroppings, areas overlooking deer migratory corridors, or near bodies of water.

Senate Bill 18 (Statutes of 2004) requires that, prior to the adoption or amendment of a city or county's general plan, the city or county conduct consultations with California Native American tribes for the purpose of preserving specified places, features, and objects that are located within the city or county's jurisdiction. Notification for consultation was sent to the current Tribal Consultation List. One response was received from Enterprise Rancheria stating that the project site did not fall within their Aboriginal Territories.

Per Assembly Bill 52 Notification Request, Public Resources Code Section 21080.3(b), the County received two letters for notification. One was from the Torres Martinez Cahuilla Indians, located in southern California near the Salton Sea, and the other was from United Auburn Indian Community, located near the City of Auburn. It was determined through discussion with the Torres Martinez Cahuilla Indians that they do not identify lands within Butte County within their geographic area of traditional and cultural affiliation. The United Auburn Indian Community provided a map of their area of traditional and cultural affiliation, which did not include the project site.

Discussion

Would the project 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:

- a) 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)?

Less than significant impact with mitigation incorporated. Native American populations used the local region for seasonal and/or permanent settlement, as well as for the gathering of plants, roots, seeds, and seasonal game. Historically, Euro-Americans utilized the region for mining farming, and cattle ranching. With historic use of the project area by prehistoric and historic populations, unanticipated and accidental archaeological discoveries may be encountered during ground-disturbing activities, resulting in potentially significant impacts. Implementation of Mitigation Measure CUL-1, discussed in Section 1.5 – Cultural Resources, would avoid potential impacts to undiscovered prehistoric resources, historic resources, and human remains that may be uncovered during development activities.

- b) 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. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

Less than significant impact with mitigation incorporated. See a) above.

1.19 UTILITIES AND SERVICE SYSTEMS

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. Utilities and Service Systems.				
Would the project:				
a) Require or result in the relocation or construction of construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 that 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 type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

Solid Waste

Most municipal wastes are hauled to the Neal Road Recycling and Waste Facility, which is owned by Butte County and managed by the Butte County Department of Public Works. The Neal Road Facility is located at 1023 Neal Road, one mile east from State Highway 99, and seven miles southeast of Chico, on 190 acres owned by Butte County. The Neal Road Facility is permitted to accept municipal solid waste, inert industrial waste, demolition materials, special wastes containing nonfriable asbestos, and septage. Hazardous wastes, including friable asbestos, are not accepted at the Neal Road Facility or any other Butte County disposal facility, and must be transported to a Class I landfill permitted to receive untreated hazardous waste. The Facility has a design capacity of 25,271,900 cubic yards, and is permitted to accept 1,500 tons per day; however, the average daily disposal into the landfill is approximately 466 tons. As of November 2017, the remaining capacity of the Neal Road Facility is approximately 15,449,172 cubic yards, which would give the landfill a service life to the year 2048 (Neal Road Recycling & Waste Facility, 2017).

Discussion

- a) **Require or result in the relocation or construction of construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities, the construction or relocation of which could cause significant environmental effects?**

No impact. The project site is currently served by electric power (PG&E) and wireless phone service. The project would not result in the relocation or construction of new or expanded infrastructure including water services, wastewater treatment, stormwater drainage, natural gas, or telecommunication facilities.

- b) **Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?**

Less than significant impact. Domestic water to existing and future uses would be provided by groundwater extraction via individual wells. The quantity and quality of the groundwater for the proposed development is reviewed by the Butte County Environmental Health Division by either a test well, a review of existing wells in the area, or a statement from a licensed well driller together with a report by an engineering geologist or hydrologist verifying that minimum well production for domestic purposes are achieved. Additionally, a well permit is required by the County to ensure well drilling standards are achieved and health and safety standards are met. Well production from new wells would be tested to determine if sufficient output it available for the existing use and potential future uses. Based on these reviews, existing groundwater supplies are anticipated to be available to the serve the proposed project, and no additional or expanded entitlements are required for groundwater extraction and use.

- c) **Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?**

Less than significant impact. Wastewater disposal for the project site is provided by private, on-site septic systems. No wastewater treatment provider currently serves the project area. Future development will need to meet Butte County Environmental Health requirements for an onsite wastewater system.

- 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?**

Less than significant impact. Future development would result in a minor increase in the stream of household waste being deposited in the Neal Road Recycling and Waste Facility. The California Integrated Waste Management Board estimates that industrial uses generates approximately 9 pounds of solid waste per employee per day. The Neal Road Facility has a maximum permitted throughput of 1,500 tons per day, and an estimated current daily average throughout of 466 tons per day. Therefore, the facility would have adequate capacity to accommodate solid waste generated by the project.

- e) **Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?**

No impact. The proposed project would comply with statues and regulations related to solid waste.

1.20 WILDFIRE

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. Wildfire.				
Is the project located in or near state responsibility areas or lands classified as high fire hazard severity zones?				
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The project site is located in a Local Responsibility Area for fire protection. The project site is located outside the fire hazard severity zones as identified by the State Department of Forestry and Fire Protection.

Discussion

- a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

No impact. There would be no lane closures involved in the proposed project that would constrict emergency access or interfere with an emergency evacuation plan.

- 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?

Less than significant impact. The project site is located in an urban area. No conditions or factors have been identified in the project area that would exacerbate wildfire risks.

- c) Require the installation 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?

No impact. The project site is located in the Chico Urban Area and outside of a fire hazard severity zone. No associated infrastructure that may exacerbate fire risk is proposed. Therefore, existing use and future development/use would not exacerbate a fire risk.

- 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?

Less than significant impact. The project site is located within Chico Urban Area in the valley region of the County that contain slopes between 0 and 2 percent. The site and surrounding area is developed with industrial and residential uses. The project site is in the AO and AE flood zones (see discussion Section 1.10.d – Hydrology and Water Quality). Landslide potential is considered low due to the flat terrain (see discussion Section 1.7.a – Geology Soils). Drainage and flood impacts of future development will be addressed at the time of site development.

MANDATORY FINDINGS OF SIGNIFICANCE

ENVIRONMENTAL ISSUES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. Mandatory Findings of Significance.				
a) Does the project 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 an endangered, rare, or threatened species, 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) 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) Does the project 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 an endangered, rare, or threatened species, or eliminate important examples of the major periods of California history or prehistory?

Less than significant impact with mitigation incorporated. The proposed project's impacts to biological resources and cultural resources were analyzed in this Initial Study, and all direct, indirect, and cumulative impacts were determined to have no impact, a less than significant impact, or reduced to a less than significant impact with implementation of mitigation. No special status species were identified on the proposed project parcels. Development of the proposed project would not cause fish or wildlife populations to drop below self-sustaining levels or restrict the movement/distribution of a rare or endangered species. To avoid potential impacts to avian species protected under the MBTA and California Fish and Game Code (CFGC) would be mitigated to less than significant levels with implementation of Mitigation Measure BIO-1.

Future development would not affect known historic, archaeological, or paleontological resources. There are no known unique ethnic or cultural values associated with the project site, nor are known religious or sacred uses associated with the project site. Mitigation Measure CUL-1 has been identified to confirm the presence or absence of subsurface cultural resources on the project site. Additionally, the project applicant is required to

comply with California Code of Regulations (CCR) Section 15064.5(e), California Health and Safety Code Section 7050.5, and Public Resources Code (PRC) Section 5097.98 as a matter of policy in the event human remains are encountered at any time. Adherence to Mitigation Measures CUL-1, as well as regulations governing human remains, would reduce potential impacts to cultural and paleontological resources to less than significant with implementation of mitigation.

- 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.)**

Less than significant impact with mitigation incorporated. The proposed project has either no impact, a less than significant impact, or a less than significant impact with mitigation incorporated with respect to all environmental issues pursuant to CEQA. Due to the limited scope of direct physical impacts to the environment associated with the proposed project, the project’s impacts are primarily project-specific in nature.

The proposed project site is located within an area has been designated by the County for industrial and residential uses. Short-term construction-related air quality impacts that would result from construction of the site improvements and build-out of the resultant parcels will be reduced to less than significant levels with implementation of Mitigation Measure AIR-1. Mitigation Measure GHG-1, identified in this Initial Study, would reduce potential impacts from the generation of greenhouse gas emissions to less than significant levels.

Future development of the project site is subject to required “fair share” development impact fees, which will be paid at the time of development.

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

Less than significant impact with mitigation incorporated. There have been no impacts discovered through the review of this application demonstrating that there would be substantial adverse effects on human beings either directly or indirectly. However, the proposed project has the potential to cause both temporary and future impacts to the area by project-related impacts relating to air, biological, greenhouse gas emissions and cultural resources. With implementation of mitigation measures included in this Initial Study, these impacts would be effectively mitigated to a less than significant level.

Authority for the Environmental Checklist: Public Resources Code Sections 21083, 21083.5.

Reference: Government Code Sections 65088.4.

Public Resources Code Sections 21080, 21083.5, 21095; *Eureka Citizens for Responsible Govt. v. City of Eureka* (2007) 147 Cal.App.4th 357; *Protect the Historic Amador Waterways v. Amador Water Agency* (2004) 116 Cal.App.4th at 1109; *San Franciscans Upholding the Downtown Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656.

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Mitigation Measures and Monitoring Requirements

Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001)

Mitigation Measure AIR-1

The following best practice measures to reduce impacts to air quality shall be incorporated by the project applicant, subject property owners, or third-party contractors during construction activities on the project site. These measures are intended to reduce criteria air pollutants that may originate from the site during the course of land clearing and other construction operations.

Diesel PM Exhaust from Construction Equipment and Commercial On-Road Vehicles Greater than 10,000 Pounds

- All on- and off-road equipment shall not idle for more than five minutes. Signs shall be posted in the designated queuing areas and/or job sites to remind drivers and operators of the five-minute idling limit.
- Idling, staging and queuing of diesel equipment within 1,000 feet of sensitive receptors is prohibited.
- All construction equipment shall be maintained in proper tune according to the manufacturer's specifications. Equipment must be checked by a certified mechanic and determined to be running in proper condition before the start of work.
- Install diesel particulate filters or implement other CARB-verified diesel emission control strategies.
- Shall not operate a diesel-fueled auxiliary power system (APS) to power a heater, air conditioner, or any ancillary equipment on that vehicle during sleeping or resting in a sleeper berth for greater than 5 minutes at any location when within 100 feet of a restricted areas.
- To the extent feasible, truck trips shall be scheduled during non-peak hours to reduce per hour emissions.

Operational TAC Emissions

- All mobile and stationary Toxic Air Contaminants (TACs) sources shall comply with applicable Airborne Toxic Control Measures (ATCMs) promulgated by the CARB throughout the life of the project (see <http://www.arb.ca.gov/toxics/atcm/atcm.htm>).
- Stationary sources shall comply with applicable District rules and regulations.

Fugitive Dust

Construction activities can generate fugitive dust that can be a nuisance to local residents and businesses near a construction site. Dust complaints could result in a violation of the District's "Nuisance" and "Fugitive Dust" Rules 200 and 205, respectively. The following is a list of measures that may be required throughout the duration of the construction activities:

- Reduce the amount of the disturbed area where possible.
- Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site. An adequate water supply source must be identified. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible.
- All dirt stockpile areas should be sprayed daily as needed, covered, or a District approved alternative method will be used.
- Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible following completion of any soil disturbing activities.
- Exposed ground areas that will be reworked at dates greater than one month after initial grading should be sown with a fast-germinating non-invasive grass seed and watered until vegetation is established.

Butte County Department of Development Services – Planning Division

7 County Center Drive
Oroville, CA 95928
530.552.3700

Mitigation Measures and Monitoring Requirements

Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001)

- All disturbed soil areas not subject to re-vegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the Butte County Air Quality Management District.
- All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.
- Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site.
- All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailer) in accordance with local regulations.
- Install wheel washers where vehicles enter and exit unpaved roads onto streets, or wash off trucks and equipment leaving the site.
- Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers with reclaimed water should be used where feasible.
- Post a sign in prominent location visible to the public with the telephone numbers of the contractor and the Butte County Air Quality Management District - (530) 332-9400 for any questions or concerns about dust from the project.

All fugitive dust mitigation measures required should be shown on grading and building plans. In addition, the contractor or builder should designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend period when work may not be in progress. The name and telephone number of such persons shall be provided to the District prior to land use clearance for map recordation and finished grading of the area. Please note that violations of District Regulations are enforceable under the provisions of California Health and Safety Code Section 42400, which provides for civil or criminal penalties of up to \$25,000 per violation.

Plan Requirements: This note shall also be placed on all building and site development plans.

Timing: Requirements of the condition shall be adhered to throughout all grading and construction periods.

Monitoring: Building inspectors shall spot check and shall ensure compliance on-site. Butte County Air Pollution Control District inspectors shall respond to nuisance complaints.

Butte County Department of Development Services – Planning Division

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Mitigation Measures and Monitoring Requirements

Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001)

Mitigation Measure BIO-1

If project construction activities, including site grubbing and vegetation removal, occur during the nesting season for birds protected under the Migratory Bird Treaty Act (MBTA) and California Department Fish & Game Code (CDFC) (approximately February 1 – August 31), the project proponent shall retain a qualified biologist to perform preconstruction surveys for nesting bird species. Surveys to identify active bird nests shall be conducted within and 250 feet around the footprint of proposed construction site. The survey shall be conducted within 7 days prior to the initiation of construction activities. In the event that an active nest is observed, a species protection buffer shall be established. The species protection buffer will be defined by the qualified biologist based on the species, nest type and tolerance to disturbance. Construction activity shall be prohibited within the buffer zones until the young have fledged or the nest fails. Nests shall be monitored by a qualified biologist once per week and a report submitted to the Butte County Department of Development Services.

Plan Requirements: Perform protocol-level surveys for migratory birds protected by the California Department Fish & Game Code and the Migratory Bird Treaty Act.

Timing: Requirements of the condition shall be adhered to prior to and during construction activities planned to occur during nesting seasons for CDFC and MBTA species (between February 1 and August 31).

Monitoring: Department of Development Services shall ensure the condition is met at the time of construction activities.

Mitigation Measure BIO-2

Development and uses on the project site shall be required to be located at a minimum of 50-feet from the high-water mark of Comanche Creek and to not encroach into the Valley Oak Riparian Forest (VORF) area adjacent to Comanche Creek. Prior to any land disturbance, or use, near this area, an exhibit shall be prepared to identify the boundary of the VORF and the 50-foot high-water mark of Comanche Creek.

Plan Requirements: Submit exhibit identifying the boundary of the VORF and the 50-foot high-water mark of Comanche Creek.

Timing: Prior to any land disturbance or construction activities in the northern portion of the site.

Monitoring: Department of Development Services shall ensure the condition is met prior to land disturbance or construction activities.

Mitigation Measure CUL-1

If grading activities reveal the presence of prehistoric or historic cultural resources (i.e., artifact concentrations, including arrowheads and other stone tools or chipping debris, cans glass, etc.; structural remains; human skeletal remains) work within 50 feet of the find shall immediately cease until a qualified professional archaeologist can be consulted to evaluate the find and implement appropriate mitigation procedures. If human skeletal remains are encountered, State law requires immediate notification of the County Coroner (530.538.7404). If the County Coroner determines that the remains are in an archaeological context, the Native American Heritage Commission in Sacramento shall be notified immediately, pursuant to State Law, to arrange for Native American participation in determining the disposition of such remains. The provisions of this mitigation shall be followed during construction of all subdivision improvements, including land clearing, road construction, utility installation, and building site development.

Plan Requirements: This note shall also be placed on all building and site development plans.

Butte County Department of Development Services – Planning Division

7 County Center Drive
Oroville, CA 95928
530.552.3700

Mitigation Measures and Monitoring Requirements

Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001)

Timing: This measure shall be implemented during all site preparation and construction activities.

Monitoring: Should cultural resources be discovered, the landowner shall notify the Planning Division and a professional archaeologist. The Planning Division shall coordinate with the developer and appropriate authorities to avoid damage to cultural resources and determine appropriate action. State law requires the reporting of any human remains..

Mitigation Measure GHG-1

The project proponent shall implement the following measures during construction-related activities and at the time of development to offset the anticipated contribution of greenhouse gas emissions:

- Prewire all new development to support photovoltaic system installation.
- Install electrical vehicle outlets on external walls.
- Minimize equipment idling time during construction activities either by shutting equipment off when not in use or reducing the time of idling to no more than 3 minutes.
- Use clean or alternative fuel equipment during construction-related activities to improve fuel efficiency.

Plan Requirements: The measure shall be placed on all building and site development plans.

Timing: Shall be implemented prior to issuance of building permits for residential development. Construction-related measures shall be adhered to throughout all grading and construction periods.

Monitoring: Planning Division will ensure that future residential development includes the applicable measures during Building Permit review. Building inspectors shall spot check and shall ensure compliance on-site.

Mitigation Measure LUP-1

Within 60 days of approval of the administrative permit for the existing basecamp, and prior to future development, the applicant/developer shall construct a solid masonry or equivalent wall no less than six (6) feet in height along the southerly and westerly edge of the identified valley oak riparian forest outside of the canopy and critical rooting zone (CRZ) as determined by a qualified professional having experience in California oak woodlands and is either a Certified Arborist, Qualified Wildlife Biologist or Registered Professional Forester. Prior to construction or surface disturbance, a protective fence or brightly colored staked boundary shall be placed 5 feet beyond the established critical rooting zone of the valley oak riparian forest being protected. A warning sign shall be prominently displayed on each fence. The sign should be a minimum of 16 x 24 inches, brightly colored and be clearly visible, even from vehicles. The sign must clearly indicate that the CRZ is a restricted area. Orange safety triangles may suffice if other signage cannot be constructed. A High visibility plastic mesh fence is recommended to maximize the visibility of protected tree areas. Wire with bright-colored flags placed at equal intervals can also be a suitable barrier so long as it maintains high visibility. Protective fencing shall remain in place until final inspection by the qualified professional.

Plan Requirements: This measure shall be placed on all building and site development plans.

Timing: This measure shall be implemented within 60 days of approval of the administrative permit for the existing basecamp and prior to issuance of building permits for future development.

Monitoring: The Planning Division will inspect the property to ensure the measure is implemented within 60 days of approval of the administrative permit and that future development includes the applicable measures during building permit review. Building inspectors shall spot check and shall ensure compliance on-site..

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Mitigation Measures and Monitoring Requirements

Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001)

Project Sponsor(s) Incorporation of Mitigation into Proposed Project

I/We have reviewed the Initial Study for the Shane David Scott II General Plan Amendment/Rezone (GPA18-0001/REZ18-0001) application and particularly the mitigation measures identified herein. I/We hereby modify the applications on file with the Butte County Planning Department to include and incorporate all mitigations set forth in this Initial Study.


Project Sponsor/Project Agent

7/18/19
Date

Project Sponsor/Project Agent

Date

Butte County Department of Development Services – Planning Division

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530.552.3700