

# Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P. O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613  
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # _____
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**Project Title:** Parcel Map 15-007- Adams

Lead Agency: Shasta County Department of Resource Management – Planning Division Contact Person: Lisa Lozier, Senior Planner  
 Mailing Address: 1855 Placer Street, Suite 103 Phone: (530) 225-5532  
 City: Redding, CA Zip: 96001 County: Shasta

**Project Location:** County: Shasta City/Nearest Community: Fall River Mills  
 Cross Streets: McArthur Road and Metzger Road Zip Code: 96028  
 Lat. / Long.: 41° 5' 40" N/ 121° 32' 55" W Total Acres: 83 Acres  
 Assessor's Parcel No.: 016-570-023 Section: 30 and 31 Twp.: 38N Range: 4E Base: MDBM  
 Within 2 Miles: State Hwy #: NA Waterways: Fall River  
 Airports: NA Railways: NA Schools: NA

**Document Type:**

CEQA:  NOP  Draft EIR NEPA:  NOI Other:  Joint Document  
 Early Cons  Supplement/Subsequent EIR  EA  Final Document  
 Neg Dec (Prior SCH No.)  Draft EIS  Other \_\_\_\_\_  
 Mit Neg Dec Other \_\_\_\_\_  FONSI

**Local Action Type:**

General Plan Update  Specific Plan  Rezone  Annexation  
 General Plan Amendment  Master Plan  Prezone  Redevelopment  
 General Plan Element  Planned Unit Development  Use Permit  Coastal Permit  
 Community Plan  Site Plan  Land Division (Subdivision, etc.)  Other \_\_\_\_\_

**Development Type:**

Residential: Units 3 Acres 83 acres  Water Facilities: Type \_\_\_\_\_ MGD \_\_\_\_\_  
 Office: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Transportation: Type \_\_\_\_\_  
 Commercial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Mining: Mineral \_\_\_\_\_  
 Industrial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Power: Type \_\_\_\_\_ MW \_\_\_\_\_  
 Educational \_\_\_\_\_  Waste Treatment: Type \_\_\_\_\_ MGD \_\_\_\_\_  
 Recreational \_\_\_\_\_  Hazardous Waste: Type \_\_\_\_\_  
 Other: \_\_\_\_\_

**Project Issues Discussed in Document:**

Aesthetic/Visual  Fiscal  Recreation/Parks  Vegetation  
 Agricultural Land  Flood Plain/Flooding  Schools/Universities  Water Quality  
 Air Quality  Forest Land/Fire Hazard  Septic Systems  Water Supply/Groundwater  
 Archeological/Historical  Geologic/Seismic  Sewer Capacity  Wetland/Riparian  
 Biological Resources  Minerals  Soil Erosion/Compaction/Grading  Wildlife  
 Coastal Zone  Noise  Solid Waste  Growth Inducing  
 Drainage/Absorption  Population/Housing Balance  Toxic/Hazardous  Land Use  
 Economic/Jobs  Public Services/Facilities  Traffic/Circulation  Cumulative Effects  
 Other \_\_\_\_\_

**Present Land Use/Zoning/General Plan Designation:**

Current land use on the property is residential including one single-family residence, attached garage, shop, and hay barn.

The current Zone District is Limited Residential (RL). The current General Plan designation is Rural Residential B (RB)

**Project Description:** *(please use a separate page if necessary)*

The project is a subdivision of an 83-acre parcel into two 19.5-acre parcels and a 44.37-acre remainder. The remainder parcel is developed with a single-family residence, garage, shop, and hay barn. The two proposed parcels are undeveloped. Services will be provided by on-site well and septic system. Access to the project site would be from a private road to be constructed as a part of the project.

Note: The state Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

**Reviewing Agencies Checklist**

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X".  
If you have already sent your document to the agency please denote that with an "S".

- |   |   |
|---|---|
| <input type="checkbox"/> Air Resources Board                      | <input type="checkbox"/> Office of Emergency Services                         |
| <input type="checkbox"/> Boating & Waterways, Department of       | <input type="checkbox"/> Office of Historic Preservation                      |
| <input type="checkbox"/> California Highway Patrol                | <input type="checkbox"/> Office of Public School Construction                 |
| <input checked="" type="checkbox"/> CalFire                       | <input type="checkbox"/> Parks & Recreation                                   |
| <input type="checkbox"/> Caltrans District # _____                | <input type="checkbox"/> Pesticide Regulation, Department of                  |
| <input type="checkbox"/> Caltrans Division of Aeronautics         | <input type="checkbox"/> Public Utilities Commission                          |
| <input type="checkbox"/> Caltrans Planning (Headquarters)         | <input checked="" type="checkbox"/> Regional WQCB # <u>5</u>                  |
| <input type="checkbox"/> Central Valley Flood Protection Board    | <input type="checkbox"/> Resources Agency                                     |
| <input type="checkbox"/> Coachella Valley Mountains Conservancy   | <input type="checkbox"/> S.F. Bay Conservation & Development Commission       |
| <input type="checkbox"/> Coastal Commission                       | <input type="checkbox"/> San Gabriel & Lower L.A. Rivers and Mtns Conservancy |
| <input type="checkbox"/> Colorado River Board                     | <input type="checkbox"/> San Joaquin River Conservancy                        |
| <input type="checkbox"/> Conservation, Department of              | <input type="checkbox"/> Santa Monica Mountains Conservancy                   |
| <input type="checkbox"/> Corrections, Department of               | <input type="checkbox"/> State Lands Commission                               |
| <input type="checkbox"/> Delta Protection Commission              | <input type="checkbox"/> SWRCB: Clean Water Grants                            |
| <input type="checkbox"/> Education, Department of                 | <input type="checkbox"/> SWRCB: Water Quality                                 |
| <input type="checkbox"/> Energy Commission                        | <input type="checkbox"/> SWRCB: Water Rights                                  |
| <input checked="" type="checkbox"/> Fish & Game Region # <u>1</u> | <input type="checkbox"/> Tahoe Regional Planning Agency                       |
| <input type="checkbox"/> Food & Agriculture, Department of        | <input type="checkbox"/> Toxic Substances Control, Department of              |
| <input type="checkbox"/> General Services, Department of          | <input type="checkbox"/> Water Resources, Department of                       |
| <input type="checkbox"/> Health Services, Department of           | <input type="checkbox"/> Other _____  |
| <input type="checkbox"/> Housing & Community Development          | <input type="checkbox"/> Other _____  |
| <input type="checkbox"/> Integrated Waste Management Board        |   |
| <input type="checkbox"/> Native American Heritage Commission      |   |

**Local Public Review Period (to be filled in by lead agency)**

Starting Date April 1, 2016 Ending Date May 6, 2016

**Lead Agency (Complete if applicable):**

Consulting Firm: _____	Applicant: <u>Linda Adams</u>
Address: _____	Address: <u>PO Box 869</u>
City/State/Zip: _____	City/State/Zip: <u>Fall River Mills 96028</u>
Contact: _____	Phone: <u>530-336-6403</u>
Phone: _____	

Signature of Lead Agency Representative:  Date: 3/31/16

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

# ENVIRONMENTAL INITIAL STUDY & MITIGATED NEGATIVE DECLARATION

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Parcel Map 15-007  
Adams

April 1, 2016

ENVIRONMENTAL INITIAL STUDY &  
MITIGATED NEGATIVE DECLARATION  
WITH  
References and Documentation

Prepared by  
SHASTA COUNTY DEPARTMENT OF RESOURCE MANAGEMENT  
PLANNING DIVISION  
1855 Placer Street, Suite 103  
Redding, California 96001

**SHASTA COUNTY  
ENVIRONMENTAL CHECKLIST FORM  
INITIAL STUDY & MITIGATED NEGATIVE DECLARATION**

- 1. Project Title:**  
Parcel Map 15-007 - Adams
  
- 2. Lead agency name and address:**  
  
Shasta County Department of Resource Management, Planning Division  
1855 Placer Street, Suite 103  
Redding, CA 96001-1759
  
- 3. Contact Person and Phone Number:**  
Lisa Lozier, Senior Planner (530) 225-5532
  
- 4. Project Location:**  
The project is located in the Fall River Mills area on the south side of McArthur Road approximately 450 feet west of Metzger Road.
  
- 5. Applicant Name and Address:**  
Linda Adams  
PO Box 869  
Fall River Mills 96028
  
- 6. General Plan Designation:**  
Rural Residential B (RB)
  
- 7. Zoning:**  
Limited Residential (RL)
  
- 8. Description of Project:**  
The project is a subdivision of an 83 acre parcel into two 19.5 acre parcels and a 44.37-acre remainder. The remainder parcel is developed with a single-family residence, garage, shop, and hay barn. The two proposed parcels are undeveloped. Services will be provided by on-site well and septic. Access to the project site would be from a private road to be constructed as a part of the project.
  
- 9. Surrounding Land Uses and Setting:**  
The proposed project is located in the Fall River Mills area which is composed of predominately large-lot residential parcels to the north of the project site. Full-time and part-time agricultural uses as well as residential land uses are located to the northeast and west of the project site, parcels to the south and east of the project site are currently undeveloped.
  
- 10. Other public agencies whose approval is required:**  
None

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

	Aesthetics		Agricultural Resources		Air Quality
	Biological Resources		Cultural Resources		Geology / Soils
	Hazards & Hazardous Materials		Hydrology / Water Quality		Land Use / Planning
	Mineral Resources		Noise		Population / Housing
	Public Services		Recreation		Transportation / Traffic
	Utilities / Service Systems		Mandatory Findings of Significance		

**DETERMINATION: (To be completed by the Lead Agency)**

On the basis of the 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.

Copies of the Initial Study and related materials and documentation may be obtained at the Planning Division of the Department of Resource Management, 1855 Placer Street, Suite 103, Redding, CA 96001. Contact Lisa Lozier, Senior Planner at (530) 225-5532.



Lisa Lozier, AICP  
Senior Planner

3/31/16  
Date



Richard W. Simon, AICP  
Director of Resource Management

3/30/16  
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 parenthesis following each question. A "No Impact" answer is adequately supported if all 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 Section XVIII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or Negative Declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures: For effects that are "Less-than-significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. General Plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) 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 the following:
  - 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-significant.

<b>I. AESTHETICS:</b> Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?				✓
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?				✓
c) Substantially degrade the existing visual character or quality of the site and its surroundings?				✓
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			✓	

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not result in any adverse effect on a scenic vista. There is no view of the project site which includes a scenic vista. The project as proposed is a residential development consistent with adjacent residential development.
- b) The project would not substantially damage any scenic resource. The project site is not visible from a designated scenic highway.
- c) The project would not degrade the existing visual character or quality of the site and its surroundings. The project surroundings are large-lot residential, agricultural and timber parcels. Construction of residential and accessory uses is consistent with the existing visual character of the site and its surroundings.
- d) The project would not create a new source of substantial light or glare which would adversely affect day or nighttime views in the area. Any proposed lighting will be required to meet the criteria of Section 17.84.050 of the Shasta County Zoning Plan which specifically indicates that no lighting shall be of the type or in a location such that constitutes a hazard to vehicular traffic or private property.

**Mitigation/Monitoring:** None proposed.

<b>II. AGRICULTURE RESOURCES:</b> In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural, Land Evaluation and Site Assessment Mode (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or 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?				✓
b) Conflict with existing zoning for agricultural use, or a Williamson Act Contract?				✓
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?			✓	

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The subject property is not identified as Prime Farmland, Unique Farmland, or Statewide Importance on the map titled Shasta County Important Farmland 2010.
- b) Neither this property nor the surrounding properties are zoned for agricultural use nor are they in a Williamson Act Contract.
- c) The project would not result in the conversion of Farmland to non-agricultural use. The project would not result in any conflicts with existing or adjacent agricultural operations.

**Mitigation/Monitoring:** None proposed.

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

**Discussion:** Based on related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a-e) The project would generate approximately 20 vehicle trips per day. This is an insignificant increase in traffic. The project is consistent with the Rural Residential B (RB) General Plan designation and the air quality attainment plan. The project would not violate any air quality standards. The project would not contribute substantially to an existing or projected air quality violation. The project would not result in a cumulatively considerable net increase of any criteria pollutant, including ozone, ozone pre-cursors or PM10 (particulate matter), the pollutants for which the Northern Sacramento Valley Air Basin is in non-attainment under the applicable State ambient air quality standard. No sensitive receptors have been identified adjacent to or near the project area. No sensitive receptors would be exposed to pollution concentrations. Substantial pollutant concentrations are not anticipated as a result of the project. The project would not cause air emissions which would create objectionable odors affecting a substantial number of people.

**Mitigation/Monitoring:** None proposed.

<b>IV. BIOLOGICAL RESOURCES:</b> Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Have a substantial effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			✓	
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local of regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			✓	

<b>IV. <u>BIOLOGICAL RESOURCES</u>: Would the project:</b>	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
c) Have a substantial adverse effect on Federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?			✓	
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?		✓		
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			✓	
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?			✓	

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) No species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service have been identified on the project site or in the project area. There are no known candidate, sensitive, or special-status species located on or near the project site. The proposed project would not involve significant habitat modification.
- b) There is no riparian habitat or other sensitive natural community on the project site or in the project area.
- c) There are no wetlands on the project site or in the immediate vicinity.
- d) **Nesting Migratory Bird and/or Raptors:** The project site provides habitat suitable for a variety of nesting birds including raptors. It is expected that birds will nest every nesting season in these habitats. To avoid direct impacts to nesting birds as a result of tree removal, tree trimming, and construction of dwellings and accessory structures it is recommended that these activities be performed outside of the nesting season. The bird nesting season is typically February 1 through August 31.
- e) The project would not conflict with any ordinances or policies which protect biological resources. Shasta County Board of Supervisors' Resolution No. 95-157 provides guidance regarding use and protection of oak trees on a voluntary basis.
- f) No habitat conservation plans or other similar plans have been adopted for the project site or project area. There are no adopted Habitat Conservation Plan, Natural Community, Conservation Plan, or other approved local, regional, or State habitat conservation plans for the project site or project area.

**Mitigation/Monitoring:** With the mitigation measures being proposed, the impacts will be less-than-significant.

Mitigation 1. Conduct vegetation removal and other ground disturbing activities associated with construction from September 1 through January 31, when birds are not nesting,

OR

Mitigation 2. A qualified biologist should perform a pre-construction survey for nesting birds within 14 days prior to tree removal, tree trimming, and/or ground breaking at the site at the site if tree removal will take place between February 1 and August 31. If nesting birds are found, the qualified biologist should establish suitable buffers prior to tree removal and/or ground breaking activities. To prevent encroachment, the established buffer(s) should be clearly marked by highly visible material. The established buffers should remain in effect until the young have fledged or the nest has been abandoned as confirmed by the qualified biologist. To more effectively identify active nests and to facilitate project scheduling, it is recommended that initial nesting

surveys begin as early as February when the foliage on the trees are at a minimum and the nest building activity is high.

<b><u>V. CULTURAL RESOURCES</u></b> – Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?				✓
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?				✓
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				✓
d) Disturb any human remains, including those interred outside of formal cemeteries?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

a-d) An Archaeological Reconnaissance report including a pedestrian survey was prepared by Coyote & Fox Enterprises (October 27, 2015). As a result of the survey, no archaeological sites were identified and no isolated artifact or cultural features locations were noted.

Although there is no evidence to suggest that the project would result in any significant effect to historical, archeological, paleontological, or unique geologic resource, or human remains, there is always the possibility that such resources or remains could be encountered. Therefore, if, in the course of development, any archaeological, historical, or paleontological resources are uncovered, discovered or otherwise detected or observed, mineral exploration activities in the affected area shall cease and a qualified archaeologist shall be contacted to review the site and advise the County of the site's significance. If the findings are deemed significant by the Environmental Review Officer, appropriate mitigation shall be required.

**Mitigation/Monitoring:** None proposed.

<b><u>VI. GEOLOGY AND SOILS</u></b> – Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: <ul style="list-style-type: none"> <li>i) Rupture of a known earthquake, fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publications 42.</li> <li>ii) Strong seismic ground shaking?</li> <li>iii) Seismic-related ground failure, including liquefaction?</li> <li>iv) Landslides?</li> </ul>				✓
b) Result in substantial soil erosion or the loss of topsoil?				✓

<b>VI. GEOLOGY AND SOILS</b> - Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
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?				✓
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				✓
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 waste water?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:
- i) Rupture of a known earthquake fault;
- According to the Alquist-Priolo Earthquake Fault Zoning Maps for Shasta County, there is no known earthquake fault on the project site.
- ii, iii) Strong seismic ground shaking; Seismic-related ground failure, including liquefaction;
- According to the Shasta County General Plan Section 5.1, Shasta County has a low level of historic seismic activity. The entire County is in Seismic Design Category D.
- All structures shall be constructed according to the seismic requirements of the currently adopted Building Code.
- iv) Landslides. the project location is relatively flat and is not subject to landslides.
- b) The project would not result in substantial soil erosion or the loss of topsoil. A grading permit is required prior to any grading activities. The grading permit includes requirements for erosion and sediment control, including retention of topsoil.
- c) The project would not 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. Based on records of construction in the area, there is no evidence to support a conclusion that the project is on a geologic unit or soil that is unstable.
- d) The project would not be located on expansive soil creating substantial risks to life or property.
- e) The project would not 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. No septic permits are proposed with this project.

**Mitigation/Monitoring:** None proposed.

<b>VII. HAZARDS AND HAZARDOUS MATERIALS:</b> Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				✓
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the				✓

<b>VII. HAZARDS AND HAZARDOUS MATERIALS:</b> Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
release of hazardous materials into the environment?				
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				✓
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				✓
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				✓
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				✓
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				✓
h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas, or where residences are intermixed with wildlands?			✓	

**Discussion:** Based on these comments, the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The proposed uses resulting from the project are residential and no routine transport, use, or disposal of hazardous materials is anticipated as a result of the project.
- b) The project would not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.
- c) The project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.
- d) The project is not located on a site which is included on a list of hazardous materials sites and would not create a significant hazard to the public or the environment. The project site is not included on the list of hazardous materials sites compiled by the California Department of Toxic Substances Control. There is no historical evidence of any commercial activity on the site that would have used hazardous materials.
- e) The project is not located within an airport land use plan or within two miles of a public airport or public use airport.
- f) The project is not located within the vicinity of a private airstrip.
- g) The project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. A review of the project and the County of Shasta Multi-Hazard Functional Plan indicates that the proposed project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.
- h) Fire protection for the project is provided by the Shasta County Fire Department. The Shasta County Fire Department has indicated that the project is located in an area which is designated a VERY HIGH fire hazard severity zone. All roadways, driveways and buildings for the proposed project be required to be constructed in accordance with the Shasta County Fire Safety Standards. These standards also require the clearing of combustible vegetation around all structures for a distance of not less than 30 on each side or to the property line. The California Public Resources Code section 4291 includes a "Defensible Space" requirement of clearing 100 feet around all buildings or to the property line, whichever is less.

Mitigation/Monitoring: None proposed.

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

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not violate any water quality standards or waste discharge requirements. Through adherence to construction standards, including erosion and sediment control measures, water quality and waste discharge standards will not be violated. Grading will be needed to complete the proposed road. A grading permit and improvement plans will be required. The provisions of the Improvement plans will address erosion and siltation containment on- and off-site.
- b) The project as proposed is to be served by on-site wells and is not expected to substantially deplete groundwater supplies or interfere substantially with groundwater recharge.
- c) The project would not substantially alter the existing drainage pattern of the site or area in a manner which would result in substantial erosion or siltation on- or off-site. The drainage pattern will not be altered. Drainage will be dispersed to either the unimproved areas and maintained on-site. This will preserve the existing drainage pattern and not require alteration of the natural drainage courses.
- d) The project would not substantially alter the existing drainage pattern of the site or area, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site.

- e) The project would not create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff.
- f) The project would not substantially degrade water quality.
- g) The project would not place housing within the 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map. The project site is not located within a flood hazard boundary.
- h) The project would not place within a 100-year flood hazard area structures which would impede or redirect flood flows. No structures are proposed in the 100-year flood hazard area.
- i) The project would not expose people or structures to a significant risk of loss, injury, or death involving flooding. There are no levees, dams, or impoundments within or upstream from the project area which would create flooding in the event of levee or dam failure.
- j) The project would not result in inundation by seiche, tsunami, or mudflow. The project is not located near a large lake or the ocean so would not be subject to seiche or tsunami. It is not located on or near a mountainside or hillside which is subject to mudflows.

**Mitigation/Monitoring:** None proposed.

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

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not physically divide an established community. The project is not located in any established community. The project does not include the creation of any road, ditch, wall, or other feature which would physically divide an established community.
- b) The project would not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect. The project is consistent with the Rural Residential B (RB) General Plan land use designation and the Limited Residential (RL) zone district of the project site.
- c) The project would not conflict with any applicable habitat conservation plan or natural community conservation plan. There is no adopted Habitat Conservation Plan, Natural Community, Conservation Plan, or other approved local, regional, or State habitat conservation plans for the project site or project area.

**Mitigation/Monitoring:** None proposed.

<b>X. <u>MINERAL RESOURCES</u> - Would the project:</b>	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?				✓

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?				✓
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**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not 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. There are no known mineral resources of regional value located on or near the project site.
- b) The project would not 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. The project site is not identified in the General Plan Minerals Element as containing a locally-important mineral resource.

**Mitigation/Monitoring:** None proposed.

<u><b>XI. NOISE</b></u> – Would the project result in:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				✓
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels				✓
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			✓	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?				✓
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				✓
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not result in exposure of persons to or generation of noise levels in excess of standards established in the local General Plan. The General Plan Noise Standard is 55 hourly  $L_{eq}$  daytime, and 50 hourly  $L_{eq}$  nighttime. The project will not generate noise levels in excess of this standard. The project is not located in a high noise area that will result in exposure of persons to noise levels in excess of the standard.
- b) The project would not result in exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels. There is no identified source of ground borne vibration or ground borne noise levels in the project area.
- c) The project would not result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project. The project will result in residential construction which will not cause any permanent increase in ambient noise levels in the project vicinity.
- d) The project would not result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project. The project will result in the creation of two residential parcels which will cause less-than-significant temporary and periodic increases in ambient noise levels in the project vicinity. There will be increased noise levels during residential construction, and increased noise levels caused by the daily activities of new residents. However, none of these increases are expected

to be significant due to the large parcel size and increased noise levels will likely be attenuated to less than significant at the property line.

- e) The project is not located within an airport land use plan or within two miles of a public airport or public use airport.
- f) The project is not located within the vicinity of a private airstrip.

**Mitigation/Monitoring:** None proposed.

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

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not induce substantial population growth in an area, either directly or indirectly. The proposal is consistent with the Limited Residential (RL) General Plan land designation which allows a density of 1dwelling per 5 acres.
- b) The project would not displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere. The project does not include destruction of any existing housing.
- c) The project would not displace substantial numbers of people.

**Mitigation/Monitoring:** None proposed.

<b>XIII. PUBLIC SERVICES:</b> Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
Fire Protection?			✓	
Police Protection?			✓	
Schools?			✓	
Parks?				✓
Other public facilities?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

The project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for:

Fire Protection: The project is located in a VERY HIGH fire hazard severity zone. However, no significant additional level of fire protection is necessary. Additional fire hydrants will be installed according to the County Fire Safety Standards.

**Police Protection:** The addition of two new residential parcels is not considered a significant increase in residential development and is not expected to warrant any additional sworn or non-sworn peace officers.

**Schools:** The resultant development from the project will be required to pay the amount allowable per square foot of construction to mitigate school impacts.

**Parks:** The County does not have a neighborhood parks system.

**Mitigation/Monitoring:** None proposed.

<b>XIV. RECREATION:</b>	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				✓
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not 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. The County does not have a neighborhood or regional parks system or other recreational facilities.
- b) The project would not include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. School facilities are typically used for sports and recreation. In addition, there are tens of thousands of acres of rivers, lakes, forests, and other public land available for recreation in Lassen National Park, the Shasta and Whiskeytown National Recreation Areas, the National Forests, and other public land administered by Bureau of Land Management.

**Mitigation/Monitoring:** None proposed.

<b>XV. TRANSPORTATION/TRAFFIC:</b> Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume-to-capacity ratio on roads, or congestion at intersections)?			✓	
b) Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency for designated roads or highway?				✓
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				✓
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				✓
e) Result in inadequate emergency access?				✓
f) Result in inadequate parking capacity?				✓
g) Conflict with adopted policies, plans or programs supporting alternative transportation (e.g. bus turnouts, bicycle racks)?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street

system. The project will result in the construction of a maximum of 2 additional residences, which would be expected to generate ten vehicle trips per day, per residence. The Department of Public Works has indicated that this would not produce a significant increase in traffic. The project would not generate enough traffic to significantly reduce the volume-to-capacity ratio of adjacent roadways to a reduced level of service.

- b) The project would not exceed, either individually or cumulatively, a level-of-service standard established by the County congestion management agency for designated roads or highway.
- c) The project would result in the construction of single-family residences which would not affect air traffic patterns.
- d) The project would not substantially increase hazards due to a design feature or incompatible uses.
- e) The project would not result in inadequate emergency access. Emergency access to the project is provided by a proposed road on the project site which will provide access to McArthur Road. The project has been reviewed by the Shasta County Fire Department which has determined that there is adequate emergency access.
- f) The project would not result in inadequate parking capacity. There is more than adequate parking available for on-site parking.
- g) The project would not conflict with adopted policies, plans or programs supporting alternative transportation. The project is consistent with the Shasta County General Plan Circulation Element policies for transit and pedestrian bicycle modes, the 1998 Shasta County Bikeway Plan, and with the Regional Transportation Plan.

**Mitigation/Monitoring:** None proposed.

<b>XVI. UTILITIES AND SERVICE SYSTEMS:</b> Would the project:	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				✓
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				✓
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				✓
d) Have sufficient water supplies available to serve the project which serves or may serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				✓
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				✓
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				✓
g) Comply with Federal, State, and local statutes and regulations related to solid waste?				✓

**Discussion:** Based on the related documents listed in the Sources of Documentation for Initial Study Checklist, staff review of the project, observations on the project site and in the vicinity, the following findings can be made:

- a) The project would not exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board. On-site septic systems will be used. Each parcel has an identified site for sewage disposal. No other wastewater treatment system would be affected by the project.
- b) The project would not require or result in the construction of new water or wastewater treatment facilities or expansion of existing

facilities, the construction of which could cause significant environmental effects. The project will be served by individual wells. Well log data from the vicinity indicates that there is sufficient groundwater to serve the project. On-site septic systems will be used. Each parcel has an identified site for sewage disposal. No new construction or expansion of existing water or wastewater treatment facilities will be needed.

- c) The project would not require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects. This is a rural large-lot land division that does not require any drainage facilities.
- d) The project would have sufficient water supplies available to serve the project which serves or may serve the project from existing entitlements and resources, nor are new or expanded entitlements needed. The project will be served by individual wells. Well log data from the vicinity indicates that there is sufficient groundwater to serve the project.
- e) On-site septic systems will be used. Each parcel has an identified site for sewage disposal. No other wastewater treatment system would be affected by the project.
- f) The project would be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs. The West Central Landfill has sufficient capacity to accommodate the additional residence and is in compliance with Federal, State, and local statutes and regulations related to solid waste.
- g) The project would comply with Federal, State, and local statutes and regulations related to solid waste. The project will not generate any solid waste other than common household waste. Recycling facilities are available in the major shopping areas available to the project site.

**Mitigation/Monitoring:** None proposed.

<b>XVII. MANDATORY FINDINGS OF SIGNIFICANCE:</b>	Potentially Significant Impact	Less-Than-Significant With Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below the self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		✓		
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 the effects of past projects, the effects of other current projects, and the effects of probable future projects)?			✓	
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			✓	

**Discussion:** None Proposed

- a) Based on the discussion and findings in Section IV. Biological Resources, there is no evidence to support a finding that the project would have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below the self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal. A letter was received from the California Department of Fish and Wildlife (March 21, 2016) recommending mitigation in order to avoid impacts to nesting migratory birds and /or raptors.

Based on the discussion and findings in Section V. Cultural Resources, there is no evidence to support a finding that the project would have the potential to eliminate important examples of the major periods of California history or prehistory.

- b) Based on the discussion and findings in all Sections above, there is no evidence to suggest that the project would have impacts that are cumulatively considerable.

- c) Based on the discussion and findings in all Sections above, there is no evidence to support a finding that the project would have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly.

**Mitigation/Monitoring:** Two mitigations have been recommended by California Department of Fish and Wildlife to mitigate potential impacts to nesting migratory Birds and/ or raptors.

## INITIAL STUDY COMMENTS

PROJECT NUMBER Parcel Map 15-007 – Adams

### GENERAL COMMENTS:

**Special Studies:** The following project-specific studies have been completed for the proposal and will be considered as part of the record of decision for the Negative Declaration. These studies are available for review through the Shasta County Planning Division.

1. On-Site Sewage Disposal Analysis, prepared by Barrett Consulting, August 13, 1991 and October 30, 2015
2. Archeology Report, prepared by Coyote & Fox Enterprises, November 17, 2015

**Agency Referrals:** Prior to an environmental recommendation, referrals for this project were sent to agencies thought to have responsible agency or reviewing agency authority. The responses to those referrals (attached), where appropriate, have been incorporated into this document and will be considered as part of the record of decision for the Negative Declaration. Copies of all referral comments may be reviewed through the Shasta County Planning Division. To date, referral comments have been received from the following State agencies or any other agencies which have identified CEQA concerns:

1. California Department of Fish and Wildlife
2. Shasta County Fire Department
3. California Regional Water Quality Control Board

**Conclusion/Summary:** Based on a field review by the Planning Division and other agency staff, early consultation review comments from other agencies, information provided by the applicant, and existing information available to the Planning Division, the project, as revised and mitigated, is not anticipated to result in any significant environmental impacts.

## SOURCES OF DOCUMENTATION FOR INITIAL STUDY CHECKLIST

All headings of this source document correspond to the headings of the initial study checklist. In addition to the resources listed below, initial study analysis may also be based on field observations by the staff person responsible for completing the initial study. Most resource materials are on file in the office of the Shasta County Department of Resource Management, Planning Division, 1855 Placer Street, Suite 103, Redding, CA 96001, Phone: (530) 225-5532.

### GENERAL PLAN AND ZONING

1. Shasta County General Plan and land use designation maps.
2. Applicable community plans, airport plans and specific plans.
3. Shasta County Zoning Ordinance (Shasta County Code Title 17) and zone district maps.

### ENVIRONMENTAL IMPACTS

#### I. AESTHETICS

1. Shasta County General Plan, Section 6.8 Scenic Highways, and Section 7.6 Design Review.
2. Zoning Standards per Shasta County Code, Title 17.

#### II. AGRICULTURAL RESOURCES

1. Shasta County General Plan, Section 6.1 Agricultural Lands.
2. Soil Survey of Shasta County Area, California, published by U.S. Department of Agriculture, Soil Conservation Service and Forest Service, August 1974.

#### III. AIR QUALITY

1. Shasta County General Plan Section, 6.5 Air Quality.
2. Northern Sacramento Valley Air Basin, 2006 Air Quality Attainment Plan.
3. Records of, or consultation with, the Shasta County Department of Resource Management, Air Quality Management District.

#### IV. BIOLOGICAL RESOURCES

1. Shasta County General Plan, Section 6.2 Timberlands, and Section 6.7 Fish and Wildlife Habitat.
2. Designated Endangered, Threatened, or Rare Plants and Candidates with Official Listing Dates, published by the California Department of Fish and Game.
3. Natural Diversity Data Base Records of the California Department of Fish and Game.
4. Federal Listing of Rare and Endangered Species.
5. Shasta County General Plan, Section 6.7 Fish and Wildlife Habitat.
6. State and Federal List of Endangered and Threatened Animals of California, published by the California Department of Fish and Game.
7. Natural Diversity Data Base Records of the California Department of Fish and Game.

#### V. CULTURAL RESOURCES

1. Shasta County General Plan, Section 6.10 Heritage Resources.
2. Records of, or consultation with, the following:
  - a. The Northeast Information Center of the California Historical Resources Information System, Department of Anthropology, California State University, Chico.
  - b. State Office of Historic Preservation.
  - c. Local Native American representatives.
  - d. Shasta Historical Society.

#### VI. GEOLOGY AND SOILS

1. Shasta County General Plan, Section 5.1 Seismic and Geologic Hazards, Section 6.1 Agricultural Lands, and Section 6.3 Minerals.
2. County of Shasta, Erosion and Sediment Control Standards, Design Manual
3. Soil Survey of Shasta County Area, California, published by U.S. Department of Agriculture, Soil Conservation Service and Forest Service, August 1974.
4. Alquist - Priolo, Earthquake Fault Zoning Maps.

#### VII. HAZARDS AND HAZARDOUS MATERIALS

1. Shasta County General Plan, Section 5.4 Fire Safety and Sheriff Protection, and Section 5.6 Hazardous Materials.
2. County of Shasta Multi-Hazard Functional Plan
3. Records of, or consultation with, the following:
  - a. Shasta County Department of Resource Management, Environmental Health Division.
  - b. Shasta County Fire Prevention Officer.

- c. Shasta County Sheriff's Department, Office of Emergency Services.
- d. Shasta County Department of Public Works.
- e. California Environmental Protection Agency, California Regional Water Quality Control Board, Central Valley Region.

### **VIII. HYDROLOGY AND WATER QUALITY**

- 1. Shasta County General Plan, Section 5.2 Flood Protection, Section 5.3 Dam Failure Inundation, and Section 6.6 Water Resources and Water Quality.
- 2. Flood Boundary and Floodway Maps and Flood Insurance Rate Maps for Shasta County prepared by the Federal Emergency Management Agency, as revised to date.
- 3. Records of, or consultation with, the Shasta County Department of Public Works acting as the Flood Control Agency and Community Water Systems manager.

### **IX. LAND USE AND PLANNING**

- 1. Shasta County General Plan land use designation maps and zone district maps.
- 2. Shasta County Assessor's Office land use data.

### **X. MINERAL RESOURCES**

- 1. Shasta County General Plan Section 6.3 Minerals.

### **XI. NOISE**

- 1. Shasta County General Plan, Section 5.5 Noise and Technical Appendix B.

### **XII. POPULATION AND HOUSING**

- 1. Shasta County General Plan, Section 7.1 Community Organization and Development Patterns.
- 2. Census data from U.S. Department of Commerce, Bureau of the Census.
- 3. Census data from the California Department of Finance.
- 4. Shasta County General Plan, Section 7.3 Housing Element.
- 5. Shasta County Department of Housing and Community Action Programs.

### **XIII. PUBLIC SERVICES**

- 1. Shasta County General Plan, Section 7.5 Public Facilities.
- 2. Records of, or consultation with, the following:
  - a. Shasta County Fire Prevention Officer.
  - b. Shasta County Sheriff's Department.
  - c. Shasta County Office of Education.
  - d. Shasta County Department of Public Works.

### **XIV. RECREATION**

- 1. Shasta County General Plan, Section 6.9 Open Space and Recreation.

### **XV. TRANSPORTATION/TRAFFIC**

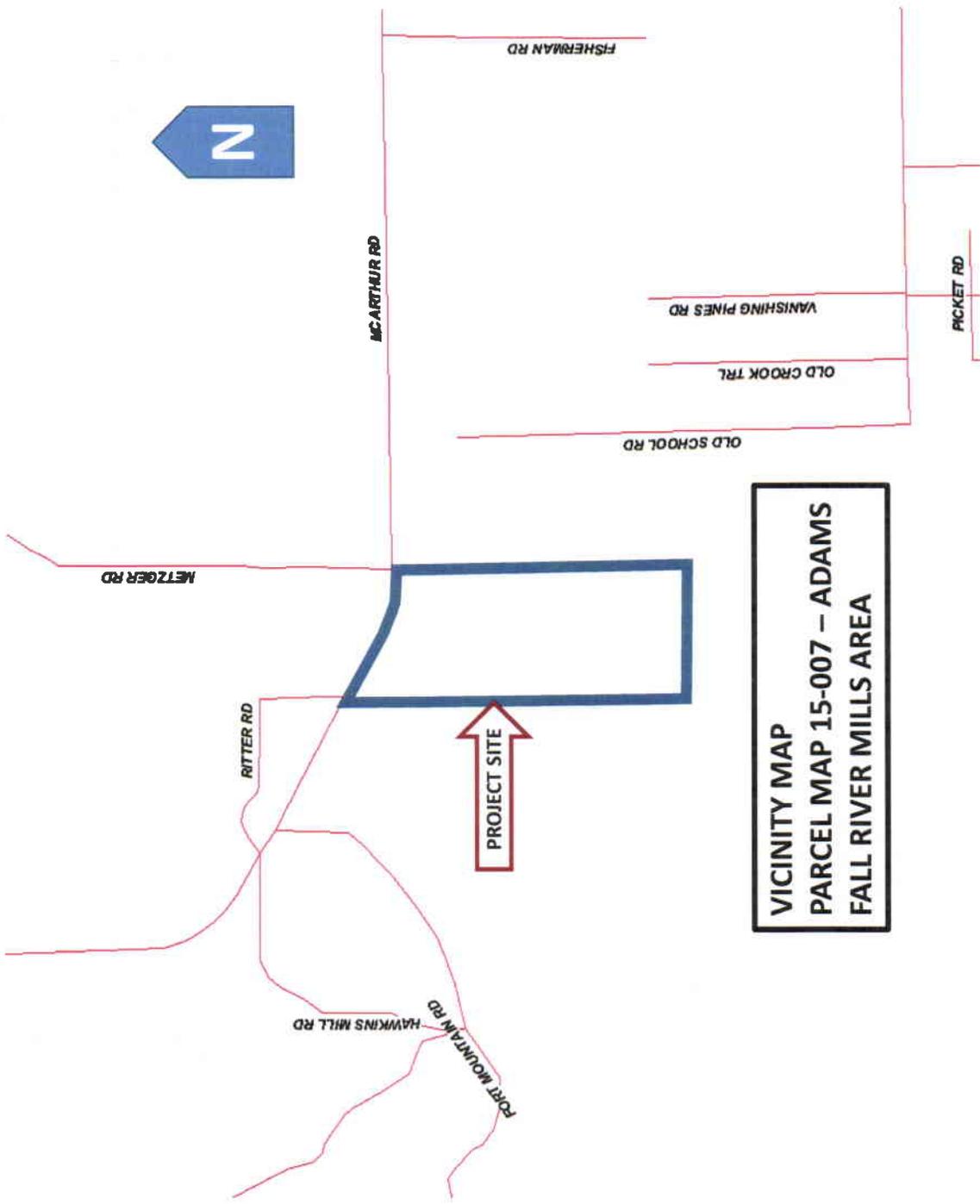
- 1. Shasta County General Plan, Section 7.4 Circulation.
- 2. Records of, or consultation with, the following:
  - a. Shasta County Department of Public Works.
  - b. Shasta County Regional Transportation Planning Agency.
  - c. Shasta County Congestion Management Plan/Transit Development Plan.
- 3. Institute of Transportation Engineers, Trip Generation Rates.

### **XVI. UTILITIES AND SERVICE SYSTEMS**

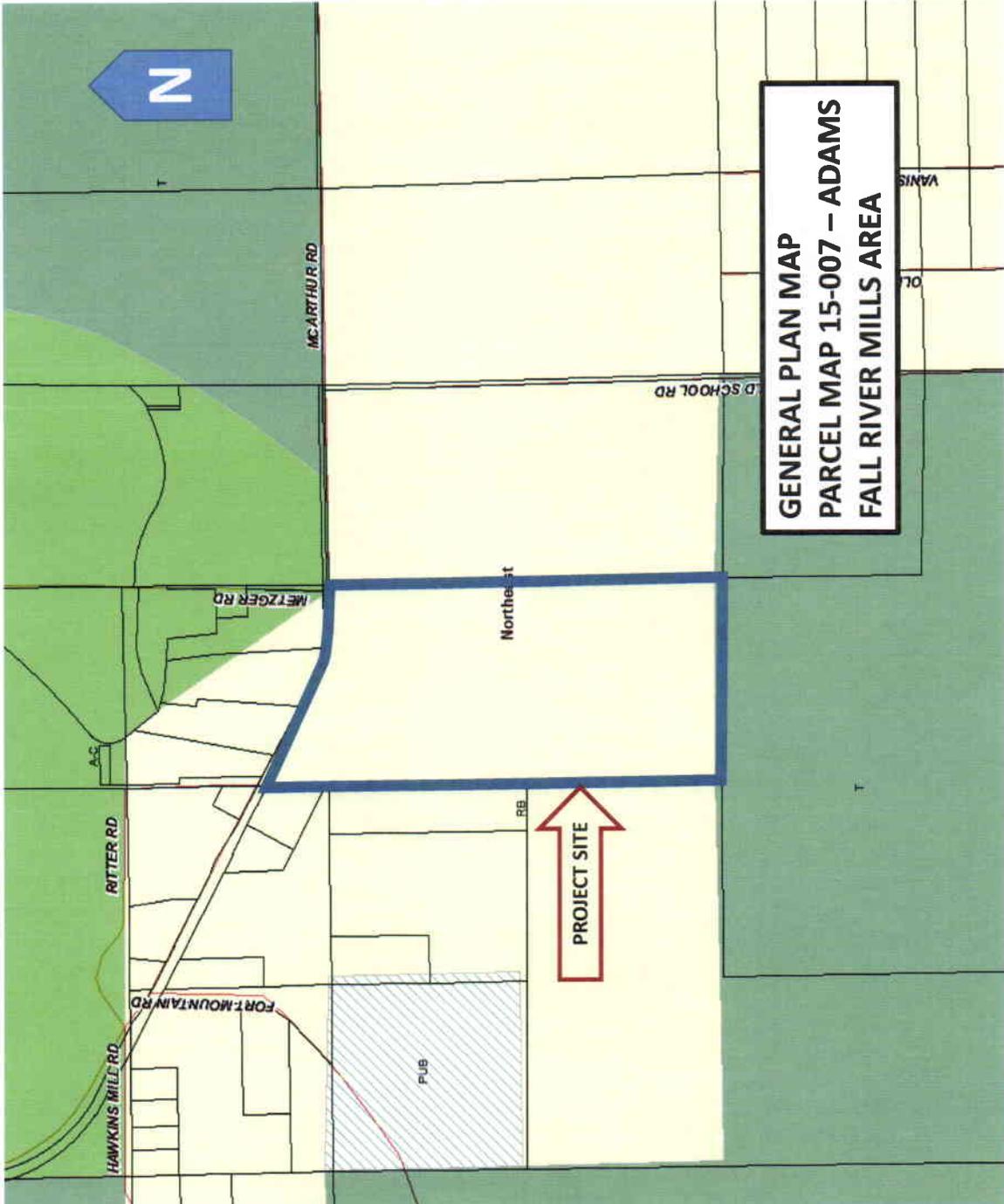
- 1. Records of, or consultation with, the following:
  - a. Pacific Gas and Electric Company.
  - b. Pacific Power and Light Company.
  - c. Pacific Bell Telephone Company.
  - d. Citizens Utilities Company.
  - e. T.C.I.
  - f. Marks Cablevision.
  - g. Shasta County Department of Resource Management, Environmental Health Division.
  - h. Shasta County Department of Public Works.

**MITIGATION MONITORING PROGRAM (MMP)  
FOR PARCEL MAP15-007 - ADAMS**

Mitigation Measure/Condition	Timing/Implementation	Enforcement/Monitoring	Verification (Date & Initials)
<p><b>IV. BIOLOGICAL RESOURCES:</b> Mitigation 1. Conduct vegetation removal and other ground disturbing activities associated with construction from September 1 through January 31, when birds are not nesting (OR)</p>	<p>At Construction</p>	<p>Planning and Building Divisions</p>	
<p><b>IV. BIOLOGICAL RESOURCES:</b> Mitigation 2. A qualified biologist and authorized representative should perform a pre-construction survey for nesting birds within 14 days prior to tree removal, tree trimming, and/or ground breaking at the site if tree removal will take place between February 1 and August 31. If nesting birds are found, the qualified biologist should establish suitable buffers prior to tree removal and/or ground breaking activities. To prevent encroachment, the established buffer(s) should be clearly marked by highly visible material. The established buffers should remain in effect until the young have fledged or the nest has been abandoned as confirmed by the qualified biologist. To more effectively identify active nests and to facilitate project scheduling, it is recommended that initial nesting surveys begin as early as February when the foliage on the trees are at a minimum and the nest building activity is high.</p>	<p>Pre-Construction Survey Shall be submitted with Application for Grading Permit</p>	<p>Planning and Building Divisions</p>	



VICINITY MAP  
PARCEL MAP 15-007 – ADAMS  
FALL RIVER MILLS AREA



**GENERAL PLAN MAP  
PARCEL MAP 15-007 – ADAMS  
FALL RIVER MILLS AREA**

**PROJECT SITE**



HAWKINS MILL RD

FORT MOUNTAIN RD

RITTER RD

METZGER RD

MCARTHUR RD

SCHOOL RD

Northeast

PUB

RE

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VANIS

OL

