
APPENDIX A
NOTICE OF PREPARATION AND INITIAL STUDY

NOTICE OF PREPARATION

To:

From: Shasta County
Department of Resource Management
Planning Division
1855 Placer Street, Suite 103
Redding, CA 96001-1759
Phone: 530/225-5532
Fax: 530/245-6468

SUBJECT: NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT

Shasta County will be the Lead Agency and will prepare an Environmental Impact Report (EIR) for the project identified below. We need to know the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency may need to use the EIR prepared by our agency when considering your permit or other approval for the project.

The project description, location, and the probable environmental effects are contained in the attached material. A copy of the Initial Study is attached.

Due to the time limits mandated by state law, your response must be sent at the earliest possible date but not later than thirty (30) days after receipt of this notice.

Please send your response to Bill Walker, Associate Planner, at the Planning Division, address shown above, and direct any questions to (530) 225-5532. We will need the name of a contact person in your agency.

Project Title: Zone Amendment 99-05, Use Permit 99-05, Use Permit 99-17 and Reclamation Plan 99-01

Project Applicant: Hat Creek Construction, 24339 Highway 89 North, Burney, CA 96013 (530) 335-55012

Date: 10/25/99

Signature: *Bill Walker*

Title: Associate Planner

Telephone: 530/225-5532

SHASTA COUNTY
ENVIRONMENTAL CHECKLIST FORM
INITIAL STUDY

1. **Project Title:** Zone Amendment 99-05, Use Permit 99-05, Use Permit 99-17 and Reclamation Plan 99-01

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:** Bill Walker, Associate Planner, (530) 225-5532

4. **Project Location:**

Shasta County - Burney/Lake Britton area - located immediately adjacent to the east side of State Route 89, approximately 3.7 miles north of the intersection of State Route 89 and State Route 299 East. Assessor's parcels number: 023-250-14

5. **Project Sponsor's Name and Address:**

Hat Creek Construction, 24339 Highway 89 North, Burney, CA 96013 (530) 335-55012

6. **General Plan Designation:** Industrial (I)

7. **Zoning:** General Industrial (M)

8. **Description of Project:**

Review of a proposal for:

- a. A zone amendment to rezone approximately 24 acres of an approximately 343 acre parcel from the General Industrial (M) District to the Commercial-Light Industrial District (C-M) or the Commercial-Light Industrial District combined with the Design Review District (C-M-D-R); and
- b. A use permit for a 7,000 square-foot truck repair shop, and for a 10,000 square-foot outdoor area for retail sales of landscaping materials and rentals of trailers used for hauling 1 1/4 cubic-yards of mixed concrete; and
- c. A use permit for a rock quarry, crushing and screening operation, concrete batch plant, and asphalt plant; and
- d. A reclamation plan for approximately 85 acres of quarry and processing area on an approximately 343 acre parcel.

9. **Surrounding Land Uses and Setting:** Briefly describe the project surroundings:

On the north side some of the adjacent property is designated Public Land (National Forest) and is zoned Unclassified (U), and the remainder of the adjacent property is designated Timber (T) and zoned Timber Production (TP). On the east and south sides the adjacent property is designated T and zoned TP. On the

west side some of the adjacent property is designated T and zoned TP, and the remainder of the property is designated Rural Residential B (RB) (which allows one dwelling unit per 5 acres) and zoned U. The existing surrounding land use on the north, east and south sides is timber management. The existing land uses on the west side are timber management and residential.

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

Caltrans

California Regional Water Quality Control Board

Shasta County Department of Resource Management, Air Quality Management District

Shasta County Department of Resource Management, Building Division

Shasta County Department of Resource Management, Environmental Health Division

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.

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Aesthetics | <input type="checkbox"/> Agricultural Resources | <input checked="" type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input checked="" type="checkbox"/> Geology / Soils |
| <input type="checkbox"/> Hazards & Hazardous Materials | <input checked="" type="checkbox"/> Hydrology / Water Quality | <input type="checkbox"/> Land Use / Planning |
| <input type="checkbox"/> Mineral Resources | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Population / Housing |
| <input type="checkbox"/> Public Services | <input checked="" type="checkbox"/> Recreation | <input type="checkbox"/> Transportation / Traffic |
| <input type="checkbox"/> Utilities / Service Systems | <input checked="" type="checkbox"/> Mandatory Findings of Significance | |

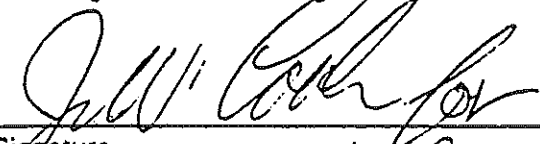
DETERMINATION: (To be completed by the Lead Agency)

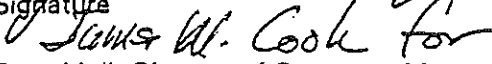
On the basis of the initial evaluation:

- 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.

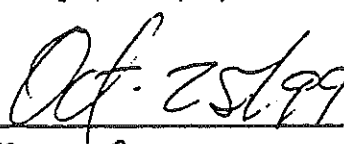
I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation 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.

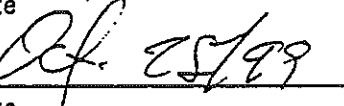
I find that although the proposed project could have a significant effect on the environment because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Signature


Printed Name
Russ Mull, Director of Resource Management



Date


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:
 - 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.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
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I. AESTHETICS. Would the project:

- | | | | | |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) Have a substantial adverse effect on a scenic vista? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Substantially degrade the existing visual character or quality of the site and its surroundings? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e) Change the topography or ground surface relief features? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

II. AGRICULTURE RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural, Land Evaluation and Site Assessment 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

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|
| a) Conflict with or obstruct implementation of the applicable air quality plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emission which exceed quantitative thresholds for ozone precursors)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

IV. BIOLOGICAL RESOURCES - Would the project:

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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or 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 federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community, Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
V. CULTURAL RESOURCES - Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VI. GEOLOGY AND SOILS - Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake, fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publications 42.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Cause disruptions, displacements, compaction or overcovering of the soil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VII. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
g) 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"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VIII. HYDROLOGY AND WATER QUALITY - Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IX. LAND USE AND PLANNING - Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
X. MINERAL RESOURCES - Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XI. NOISE - Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

XII. POPULATION AND HOUSING - Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIII. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIV. RECREATION

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Effect the quality or quantity of existing recreational opportunities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XV. TRANSPORTATION/TRAFFIC - Would the project:

a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Conflict with adopted policies, plans or programs supporting alternative transportation (e.g. bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XVI. UTILITIES AND SERVICE SYSTEMS				
Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
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XVII. MANDATORY FINDINGS OF SIGNIFICANCE

- | | | | | |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below 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? | <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 the effects of past projects, the effects of other current projects, and the effects of probable future projects)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

INITIAL STUDY COMMENTS

Zone Amendment 99-05, Use Permit 99-05, Use Permit 99-17 and Reclamation Plan 99-01

GENERAL COMMENTS:

Project Description:

The proposed project is located on a 343 acre parcel. It includes the following:

1. A zone amendment to rezone approximately 24 acres of an approximately 343 acre parcel from the General Industrial (M) District to the Commercial-Light Industrial District (C-M) or the Commercial-Light Industrial District combined with the Design Review District (C-M-D-R); and
2. A use permit for a 7,000 square-foot truck repair shop, and for a 10,000 square-foot outdoor area for retail sales of landscaping materials and rentals of trailers used for hauling 1 1/4 cubic-yards of mixed concrete; and
3. A use permit for a rock quarry, crushing and screening operation, concrete batch plant, and asphalt plant; and
4. A reclamation plan for approximately 85 acres of quarry and aggregate processing area.

Site Description:

The project site is located in an important recreational area of Shasta County and is located approximately 0.75 miles south of McArthur Burney Falls Memorial State Park, and approximately 3 miles (by road) south of Lake Britton. State Route 89, which borders the west side of the property, is lined on both sides with Ponderosa pine forest from Lake Britton south to beyond the intersection with State Route 299 East. State Route 89 has not been designated as an official State Scenic Highway. However, it is noted in the General Plan as a "State route eligible for official scenic highway designation, corridor in which natural environment is dominant." There is a residential and vacation home area along Clark Creek Road on the west side of State Route 89 across from this project site. The remainder of the surrounding area is used for timber production.

The parcel is divided into two levels. The lower level has been for the most part cleared of vegetation and graded level and previously used as an industrial site. The upper level is approximately 80 feet above the lower level and is a lava plateau covered with Ponderosa pine forest. There is a steep face of broken lava rock between the two levels. There is an earthquake fault line which runs along the base of the steep slope that separates the upper and lower levels of the site.

There are no streams or significant ponds on the site. Because of the previous industrial use of the site, the wildlife value is relatively poor. No threatened or endangered species have been identified on the site; however, the Department of Fish and Game noted the potential for vernal pools and slender Orcutt grass, a state listed endangered species, on the site and recommended that a site survey be completed in 1996. The survey was completed by North State Resources which found no vernal pools or slender Orcutt grass on the development area of the site.

The entire project site has approximately 5,000 feet of frontage on the east side of State Route 89. The 24 acre area which is proposed to be rezoned has a frontage of approximately 2,000 feet. Between the highway and the industrial use area is a strip of pines approximately 600 feet deep. The vegetation of the trees is not very dense and, even with this depth of forest buffer, for an estimated 1,000 feet of frontage, it is still possible to easily see the existing buildings and equipment on the site from the highway.

The site was originally developed by the Lorenz Company as a large sawmill, with log ponds and log storage areas. It was later owned and operated by the Fibreboard Corporation and Louisiana Pacific Corporation. Most of the sawmill buildings were removed when the sawmill was closed; however, several buildings remain on the site, including an office building and a heavy equipment repair building. There are also two railroad spurs and a private airstrip.

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

1. Letter from Makoto Kowta of the Northeast Center of the California Historical Resources Information System, dated October 26, 1995, regarding potential archeological impacts.
2. Letter from John H. Humphrey, Ph.D., P.E., of Hydmet, Inc. to Duane K. Miller, R.C.E. of Miller Engineering, "Subject: Hydrologic Analysis of Burney Creek Overflows to Hat Creek Construction, Inc. Property," dated July 7, 1999.
3. Aerial photograph showing the location of wetlands on the project site, submitted by Hat Creek Construction.
4. Reclamation Plan for Eastside Aggregates, prepared by The Land Designers of Redding and Miller Engineering of Anderson, CA, dated July 1999.
5. Wetland Delineation for the 343 ± Acre Eastside Aggregates Project, Shasta County, California" prepared for U.S. Army Corps of Engineers, on behalf of Hat Creek Construction and Miriam Green Associates, prepared by Glazner Environmental Consulting of Auburn, CA, dated July 12, 1999.
6. "Results of Special-Status Wildlife Surveys at the Proposed Eastside Aggregates Project Site" by Miriam Green Associates of Sacramento, CA, dated July 20, 1999.
7. Letter from Larry Vinzant of the U.S. Army Corps of Engineers to Miriam Green of Miriam Green Associates, dated August 19, 1999, regarding delineation of waters of the United States, including wetlands.

The following additional site specific studies were completed for previous projects on the same site:

8. Letter from Fred R. Nagel of NTS Engineering Inc., of Susanville, CA dated January 4, 1996, regarding site engineering geology.
9. Letter from James W. Cooksley of Cooksley Geophysics of Redding, CA, dated January 9, 1996 regarding the potential for seismic activity on the site.
10. Letter from Robin Ingles of Alpha Explosives of Lincoln, CA, dated January 5, 1996, regarding proposed blasting and safety mitigations.
11. Letter from Tim Reilly of North State Resources of Redding, CA, dated February 14, 1996, regarding field reconnaissance for vernal pools and slender Orcutt grass on the Rim Rock site.
12. Second letter from Tim Reilly of North State Resources of Redding, CA, dated February 23, 1996, regarding field reconnaissance for vernal pools and slender Orcutt grass on the Rim Rock site, with a map delineating the study area.
13. Memorandum from William J. Falconi, P.E., of Alpha Explosives of Lincoln, CA, to Hat Creek Construction, dated June 20, 1996, regarding the impact of quarry blasting on groundwater.
14. Amended Wetland Mitigation Plan for Shasta County Use Permit #14-96, and Reclamation Plan #1-96, prepared by Hat Creek Construction, Inc.
15. Letter from Stuart Busby, Hat Creek Construction, to John Siperek of the California Department of Fish and Game, dated August 7, 1996, regarding mitigation of wetland impacts by avoidance of disturbance of the wetland area.
16. Letter from Richard Elliott, Regional Manager of the Department of Fish and Game, to Bill Walker, Associate Planner, dated August 16, 1996, regarding wetlands mitigations.

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 Game (DFG)
2. McArthur-Burney Falls Memorial State Park
3. California Department of Conservation, Office of Mine Reclamation
4. California Regional Water Quality Control Board, Central Valley Region
5. The California Department of Transportation (Caltrans)
6. U.S. Army Corps of Engineers
7. Burney Basin Mosquito Abatement District
8. Fall River Joint Unified School District
9. Shasta County Fire Department
10. Shasta County Department of Resource Management, Environmental Health Division

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 could result in one or more significant environmental impacts.

I. AESTHETICS. Would the project:

- a) Have a substantial adverse effect on a scenic vista?

Response: No Impact.

Discussion: There is no scenic vista on or adjacent to the subject property, and the property is not visible from a scenic vista.

Mitigation/Monitoring: None proposed.

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

Response: Potentially Significant Impact.

Discussion: State Route 89 has not been designated as an official State Scenic Highway. However, the highway is noted in the General Plan as a "State route eligible for official scenic highway designation, corridor in which natural environment is dominant" (Figure SH-1). The site is in an important recreation area of the County and is located approximately 0.75 miles south of McArthur Burney Falls Memorial State Park, and approximately 3 miles south of Lake Britton as measured along the highway. State Route 89 is lined on both sides with Ponderosa pine forest from Lake Britton south to beyond the intersection with State Route 299 East. The project site has approximately 5,000 feet of frontage on the east side of State Route 89. Between the highway and the industrial use area is a strip of pines approximately 600 feet deep. The vegetation of the trees is not very dense, and even with this depth of forest buffer, for approximately 1,000 feet along the highway it is still possible to easily see the existing buildings and equipment on the site from the highway. The proposed additional structures and equipment would also be visible from the highway.

The applicant has proposed to retain a 100 foot depth of forest as a buffer along the highway. This depth does not seem sufficient to screen the industrial buildings and equipment unless a denser understory of shrubs and/or small trees is planted in the buffer strip. If no dense understory is planted, then the buffer strip may be required to remain at its present depth.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- c) Substantially degrade the existing visual character or quality of the site and its surroundings?

Response: Potentially Significant Impact.

Discussion: See I b) above.

Mitigation/Monitoring: Further analysis of the potential impact, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

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

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: New industrial uses may include outside lighting which would be visible to the adjacent highway and the off-site residences.

Mitigation/Monitoring: Potential lighting impacts will be mitigated by conditions of the use permit which require that lighting be shielded and/or directed so that it does not shine off-site. No use, including vehicles, will be allowed to create intense light or glare that causes a nuisance or hazard beyond the property line. Proposed new lighting shall be shown on building plans for review and approval by the Planning Division. The lighting on the site will be monitored by the Building Division at the time of building permit issuance and inspection.

- e) Change the topography or ground surface relief features?

Response: Potentially Significant Impact Unless Mitigation Incorporated.

Discussion: The project site is divided into two levels, the lower level has been for the most part graded level and used as an industrial site. The upper level is approximately 80 feet above the lower level and is a lava plateau. There is a steep face of broken lava rock between the two levels. The proposed quarry operation would remove part of the upper level, enlarge the lower level and create a new transitional rock face. This change in topography is proposed as part of the conduct of business and project implementation. It is consistent with the General Plan land use designation and the zoning of the property. The change in topography is not expected to significantly affect the drainage patterns in the area, to create a visual impact, or any other significant adverse environmental impact. The slope of the final rock face has been analyzed and declared to be stable and safe by a registered professional engineer (see letter from Fred Nagel listed above).

Mitigation/Monitoring: The mining work will be in compliance with the conditions of the use permit and the reclamation plan. The area will be reclaimed in accordance with the reclamation plan. Monitoring will be performed by the Planning Division during project implementation and as part of its annual mine inspection program. The operator must meet adopted State and County standards and protocols.

II. AGRICULTURE RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural, Land Evaluation and Site Assessment 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:

- 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?

Response: No Impact.

Discussion: This site is not located in any area shown on the maps of the Farmland Mapping and Monitoring Program.

Mitigation/Monitoring: None proposed.

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

Response: No Impact.

Discussion: Neither the project site nor the surrounding area is zoned for agricultural use, nor is the site or the surrounding area in a Williamson Act contract.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The airstrip on site is periodically used by crop dusters which serve farmland in the surrounding area. The airstrip will not be affected by the proposed project, and may continue to be used. There are no other known changes which could result in the conversion of Farmland to non-agricultural use.

Mitigation/Monitoring: None proposed.

III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

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

Response: Potentially Significant Impact.

Discussion: The proposed quarry operation and the crushing and screening plant may create significant amounts of dust. The asphalt plant would create air emissions, including hydrocarbons, nitrous oxides and sulfur dioxide. Increased truck and passenger vehicle traffic associated with these uses may also increase truck and auto emissions.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process. This will include an Air Toxic Hot Spots analysis of emissions from stationary source emissions, and an analysis using URBEMIS7G for mobile source emissions.

- b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Response: Potentially Significant Impact.

Discussion: See III a) above.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process. This will include an Air Toxic Hot Spots analysis of emissions from stationary sources, an analysis using URBEMIS7G for mobile source emissions, as well as other tests and analysis..

- 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)?

Response: Potentially Significant Impact.

Discussion: The Shasta County Air Quality Management District, in which the project site is located, is currently in non-attainment for the State standards for 24 hour PM₁₀ and for 1 hour ozone. The proposed quarry and aggregate processing plant may create significant amounts of dust including PM₁₀ particulates. The asphalt plant and internal combustion engines, both stationary and mobile, will emit nitrous oxides and volatile organic compounds which are precursors of ozone.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process. This will include an Air Toxic Hot Spots analysis of emissions from stationary sources, and an analysis using URBEMIS7G for mobile source emissions, as well as other tests and analysis.

- d) Expose sensitive receptors to substantial pollutant concentrations?

Response: Potentially Significant Impact.

Discussion: The potential concentrations of pollutants must be determined. There are a number of residents along Clark Creek Road who could possibly be considered to be sensitive receptors.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- e) Create objectionable odors affecting a substantial number of people?

Response: Potentially Significant Impact.

Discussion: The proposed asphalt plant has the potential to create objectionable odors in the surrounding area including the residential area on Clark Creek Road.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

IV. BIOLOGICAL RESOURCES - Would the project:

- 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?

Response: Less Than Significant.

Discussion: In 1996, the California Department of Fish and Game indicated that there was the possibility that there may be vernal pools on the site. They have also noted that a state listed endangered plant species known as slender Orcutt grass (*Orcuttia tenuis*) may be located in the vernal pools. A survey of the property in 1996, and review of aerial photographs of the site, by Tim Reilly of North State Resources of Redding, CA, determined that there are no vernal pools or slender Orcutt grass in the area that is proposed to be developed.

In 1999, a survey of the site was conducted by Miriam Greene Associates of Sacramento, California. A report titled "Results Of Special-Status Wildlife Surveys At The Proposed Eastside Aggregates Project Site," dated July 20, 1999, concluded:

"One nest structure, likely an osprey's, was observed atop a snag approximately 0.25 to 0.5 mile southeast of the proposed quarry. It is not known whether this nest has been active in recent years."

"The proposed quarry and associated operations may affect one osprey nest if it is rebuilt in the same location. As of June 28, 1999, the nest had not been reconstructed after blowing down during the spring. Because of the large number of osprey in the general area, and the availability of other suitable nest sites, abandonment of this nest is not considered a significant impact."

"No other special-status species would be impacted by the proposed project. The project site is highly disturbed and has been extensively altered by past logging and mill operations."

Mitigation/Monitoring: None proposed.

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: Almost the entire site was disturbed, graded and leveled when it was used for a lumber mill, and there is very little existing vegetation on the site other than grass. However, in 1996, when a similar projects was under review, several of the persons expressed concerns regarding the potential loss of wildlife habitat, including wetlands and bald eagle habitat, as a result of this project development.

A wetland study entitled: "Wetland Delineation for the 343 ± Acre Eastside Aggregates Project, Shasta County, California" dated July 12, 1999, was prepared for the U.S. Army Corps of Engineers, on behalf of Hat Creek Construction and Miriam Green Associates, by Glazner Environmental Consulting of Auburn, CA. The study concluded the following:

"Winter ponding occurs in shallow depressions in the southern portion of the project site, generally in the area of the former log pond and lumber storage area. However, most of these areas dry up prior to the growing season.

"Three shallow depressions east and south of the former log pond have been mapped as wetlands. These features may have resulted from log pond construction or barrow activities associated with

former mill operations. The three wetlands are identified on the wetland delineation map as Ponds 1, 2 and 3, at the base of a volcanic escarpment, still contained standing water during the wetland delineation on June 28, 1999. Pond 1 is a 0.21 acre pond with wetland vegetation along its banks near the waterline. The bottom of Pond 1 contains minor amounts of decaying debris. Unlike Pond 1, Ponds 2 and 3 contain thick layers of decaying logs and bark, debris from former logging and log stockpile activities."

"The wetland delineation map depicts the location of three ponds and corresponding acreage. Total waters of the U. S. occupy 0.71 acre. The remaining areas of the project site are dry by summer and do not meet criteria for wetlands."

Under a Nationwide 26 Permit from the U. S. Army Corps of Engineers, the applicant proposes to fill 0.32 acres of surface water.

The Department of Fish and Game determined in 1996 that, other than the wetland areas, the project site area has little significant value as wildlife habitat. The small areas of trees and other vegetation on the project were determined to have no unique or significant wildlife value.

Mitigation/Monitoring: The wetlands, other than the proposed 0.32 acre fill area, shall be designated as non-disturbance area. Prior to the commencement of site preparation and/or operations, the applicant shall be required to place a fence around the wetlands at a minimum of 25 feet horizontally from the edge of the water. The fence shall remain in place for the duration of the project and through the process of reclamation.

The wetlands shall be maintained in perpetuity after reclamation unless the property owner obtains and complies with all necessary mitigation agreements and permits from the California Department of Fish and Game and the U.S. Army Corps of Engineers, and any other governmental agencies which have wetland related permit authority.

The construction and maintenance of the wetland non-disturbance area boundary fencing will be monitored by the Planning Division during project implementation and as part of its annual mine inspection program.

- 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?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: See Section IV. b) above.

Mitigation/Monitoring: Same as Section IV. b) above.

- 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?

Response: Less Than Significant.

Discussion: The July 20, 1999 survey by Miriam Greene Associates concluded that "The proposed project may have minor, indirect impacts on deer inhabiting the shrublands on top of the escarpment by causing the displacement of individuals due to noise and increased human activity."

Mitigation/Monitoring: None proposed.

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

Response: Less Than Significant.

Discussion: A review of Section 6.7 of the General Plan indicates that the proposed project would not conflict with the Shasta County objectives or policies for Fish and Wildlife Habitat.

Mitigation/Monitoring: None proposed.

- 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?

Response: Less Than Significant.

Discussion: There are no local, regional or state habitat conservation plans adopted for this site.

Mitigation/Monitoring: None proposed.

V. CULTURAL RESOURCES - Would the project:

- a) Cause a substantial adverse change in the significance of a historical resource as defined in the CEQA guidelines?

Response: Less Than Significant Impact.

Discussion: The site has been extensively disturbed in the past during the construction and operation of the large lumber mill which occupied the site from the late 1950's until 1989. It is likely that any cultural resources which had been present on the site would have been destroyed. Cultural resource records and other information for the area and the site were reviewed by the Northeast Center of the California Historical Resources Information System at Chico State University. The Center determined that the project site is not located within an area of high sensitivity and a site specific historical or archeological study was not recommended. Therefore, the project is not anticipated to result in significant impacts to historical or archaeological resources.

Mitigation/Monitoring: If, in the course of development, any archaeological, historical, or paleontological resources or human remains are uncovered, discovered or otherwise detected or observed, construction activities in the affected area shall cease and a qualified archaeologist shall be contacted to review the site and advise the Planning Division of the site's significance. If the findings are deemed significant by the Environmental Review Officer, appropriate mitigation shall be required. Monitoring will be performed by the Planning Division at the time of mitigation during project implementation.

- b) Cause a substantial adverse change in the significance of an archaeological resource as defined in the CEQA guidelines?

Response: Less Than Significant Impact.

Discussion: See V. a) above.

Mitigation/Monitoring: Same as V. a) above.

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

Response: No Impact.

Discussion: There are no known paleontological resources on the site. A review of the Preliminary Paleontological Resource Assessment Map of Shasta County, California, prepared by Hugh M. Wagner, dated July 31, 1991, shows that the project site is in an area of no paleontological importance.

The only geologic feature is a steep slope of basalt rock, approximately 70 feet high, on the east side of the project site. This feature is relatively common in the Lake Britton, Burney, and Hat Creek areas.

Mitigation/Monitoring: None proposed.

- d) Disturb any human remains, including those interred outside of formal cemeteries?

Response: No Impact.

Discussion: Research of records and related data indicates that no formal cemeteries or other human remains are known to exist on the site.

Mitigation/Monitoring: Same as V. a) above.

VI. GEOLOGY AND SOILS - Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publications 42.

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: According to the California Division of Mines and Geology Earthquake Fault Zones Map of the project area, there is an "active" earthquake fault line which runs along the base of the steep slope that separates the upper and lower levels of the site. According to studies and mapping prepared and/or compiled by the State Geologist, the fault has experienced surface rupture within the Holocene Period (the 11,000 years before today). The Alquist-Priolo Earthquake Fault Zones Act requires that no commercial or industrial structures be located within the fault zones delineated on the official map unless a geologic study is performed on the site. The fault zone includes the area within approximately 300 feet on either side of the fault line.

Mitigation/Monitoring: Under the proposed project and the recommended conditions of the use permit, no permanent or fixed structures shall be located within the boundaries of the Earthquake Fault Zone as shown on the Earthquake Fault Zones Map, Cassel Quadrangle, prepared by the State Geologist. Monitoring of this mitigation will be performed by the Planning Division and Building Division during project implementation and as part of the annual mine inspection program.

- ii) Strong seismic ground shaking?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: As noted in section a) i) above, there is an earthquake fault line which runs along the base of the steep slope that separates the upper and lower levels of the site. The information from the Earthquake Fault Zones Map does not include analysis or recommendations regarding the potential for strong seismic ground shaking.

Mitigation/Monitoring: The construction of structures and the installation of equipment, including the aggregate processing plant, the asphalt plant, and the concrete plant, shall be in compliance with all state and local seismic safety regulations and building codes. In addition, as noted above in Section VI. a) i), no permanent or fixed structures shall be located within the boundaries of the Earthquake Fault Zone. Compliance will be monitored by the Building Division at the time of construction and installation.

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

Response: Potentially Significant Impact.

Discussion: The potential for seismic-related ground failure is unknown.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

iv) Landslides?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: There is an existing steep slope, approximately 70 feet high, on the east side of the project site. The slope is an earthquake fault escarpment along an active earthquake fault. The proposed quarry operation would remove rock from this slope, and leave a proposed final slope of 1:1 (45 degree angle). This slope could become unstable during an earthquake, causing rock slides onto the lower level of the property.

Mitigation/Monitoring: Sufficient setbacks shall be maintained between any permanent or fixed structures and the base of the slope to ensure safety. A fifty-foot setback is recommended by the State Office of Mine Reclamation. However, an approximately 300-foot is already required because the base of the slope is on an active Earthquake Fault (See VI a) i) above). Monitoring of this mitigation will be performed by the Planning Division during project implementation and as part of the annual mine inspection program.

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

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: Most of the project site area, including almost all of the project site on the lower portion of the site has been disturbed by previous industrial development, and the topsoil has either been removed or covered over. There is some topsoil on the flat area at the top of the slope. This topsoil should be used for the revegetation as part of the reclamation at the toe of the slope.

Mitigation/Monitoring: Soil which is removed from the top of the slope as excavation of the slope progresses shall be removed as a separate layer from areas to be disturbed by mining operations. Topsoil and vegetation removal shall not precede surface mining activities by more than one year. Topsoil and suitable growth media shall be maintained in separate stockpiles. Test plots are required to determine the suitability of growth media for revegetation purposes. Topsoil and suitable growth media that cannot be utilized immediately for reclamation shall be stockpiled in an area where it will not be disturbed until needed for reclamation. Topsoil and suitable growth media stockpiles shall be clearly identified to distinguish them from mine waste dumps. Topsoil and suitable growth media stockpiles shall be planted with a vegetative cover or shall be protected by other equally effective measures to prevent water and wind erosion and to discourage weeds. Monitoring of this mitigation will be performed by the Planning Division during project implementation and as part of the annual mine inspection program.

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?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: See Section VI. a) iv), above.

Mitigation/Monitoring: Mitigations and monitoring would be the same as Section VI. a) iv), above.

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?

Response: No Impact.

Discussion: The soil in the area of the project site where the proposed truck repair facility would be located is in the Burney-Arkright complex, which has a low shrink-swell potential. The soils in the area where the

proposed aggregate processing plant, asphalt plant and concrete plant would be located is Willibulli Loam, which has a moderate shrink-swell potential.

Mitigation/Monitoring: Any potential problems with expansive soils will be mitigated by compliance with the construction requirements of the currently adopted version of the Uniform Building Code.

- e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

Response: No Impact.

Discussion: There are two existing functioning septic systems on the subject property. No additional systems are necessary for the proposed project.

Mitigation/Monitoring: None proposed.

- f) Disruptions, displacements, compaction or overcovering of the soil?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: This project will result in the disruption, displacements, compaction and overcovering of the soil. The project will result in various portions of the site being graded for eventual industrial use. The project site is already relatively level and has been used as an industrial site in the past. Much of the surface of the site is already compacted. Additional compaction will be in conformance with a grading and drainage plan as part of the preparation of the site for additional industrial uses. A grading and drainage plan which is in conformance with the County adopted standards is required by County ordinance. The grading of the site is not expected to result in any significant adverse impact.

Mitigation/Monitoring: The operator would be required to submit and receive approval of a grading plan and conduct work in accordance with the plan. The plan will be reviewed by the Environmental Health Division and inspected at the time the grading work is performed and completed. Ongoing monitoring will be performed by the Planning Division during project implementation and as part of the annual mine inspection program.

VII. 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?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: Hazardous materials which are proposed to be transported to and use on site include diesel, lubricants, solvents, and liquid asphalt. Diesel will be stored in a 10,000 gallon tank. Lubricants would total 250 gallons in various size containers. The total amount of liquid asphalt to be stored would be 30,000 gallons.

There is no painting or sandblasting proposed. Cleaning solvent, which may be volatile, will be used on site, but only in minor amounts. There will be a cleaning area to remove dirt and grease from items which will consist of a tank containing a cleaning solvent. The tank will have a volume of less than 55 gallons. There will be a pump that takes the solvent to a wash basin where the items are cleaned. The solvent goes from the basin back into the tank. The solvent is periodically cleaned. Based on this information, there is not expected to be any significant amount of hazardous substances on the site, nor a risk of explosion or release of hazardous substances.

The stationary equipment will be powered by electricity and/or natural gas. Connections for both already exist on the site. Diesel generators and storage tanks may be used for power for crushing, washing and screening equipment.

The quarry part of the project also includes proposed blasting of the lava rock face approximately 6 times per year. No explosives or other blasting agents will be stored on site. Blasting agents will be brought to the site within a day of the blast date.

In the late 1980's, the Regional Water Quality Control Board (RWQCB) received reports from employees of the mill that toxic material had been dumped and buried on the site. After extensive investigation, including excavations of fill areas and a survey of the site using ground-penetrating radar, the RWQCB found that there were several areas where 55-gallon drums had been buried, and other areas of soil contamination. The drums contained small amounts of residues of solvents and other toxic materials. All of the toxic material, including drums and contaminated soil, was excavated and removed from the mill site to an appropriate hazardous waste disposal site.

At least seven groundwater monitoring wells were established on the site and the groundwater was monitored for potential contamination. No groundwater contamination was found.

Mr. Dennis Wilson of RWQCB stated in 1996 that the site cleanup had been very comprehensive, and although it was possible, it was unlikely that any significant amount of toxic material remained on the site after the cleanup. Mr. Wilson has noted that there is a shallow fast-moving aquifer on the site which flows to Burney Falls and Lake Britton.

Mitigation/Monitoring: Potential impacts of transportation of hazardous materials to the site would be mitigated by compliance with federal and state highway transportation regulations.

Potential impacts of on-site storage of hazardous materials would be mitigated by compliance with containment requirements of the Regional Water Quality Control Board (RWQCB), the Shasta County Fire Department and the Environmental Health Division, all of which will monitor the project site during project implementation, and during their periodic inspection programs.

The operator will be required to submit a Business Plan for Emergency Response to the Environmental Health Division for facilities storing or handling hazardous materials equal to or greater than 55 gallons, 500 pounds, or 200 cubic feet of a gas at standard temperature and pressure. This condition shall be monitored by the Environmental Health Division as part of its regular inspection program.

The operator will comply with the Aboveground Petroleum Storage Act which requires submittal to the RWQCB of a storage statement and fees for single above-ground tanks exceeding 660 gallons or a cumulative storage capacity of greater than 1,320 gallons. This condition shall be monitored by the Regional Water Quality Control Board as part of its regular inspection program.

The operator will be required to construct a durable impermeable pad, such as a concrete pad, adjacent to the fuel storage tanks areas where vehicles are fueled to catch any spilled fuel, oil, antifreeze, etc. and direct it to a sump. The design of the pad, drainage system and sump shall be reviewed by the RWQCB prior to construction, and the condition will be monitored by the Planning Division as part of its annual mine inspection program.

At least once every year, each employee on the site shall be informed in writing that there is a shallow fast-moving aquifer under the site, and that the groundwater in the aquifer flows in the direction of Burney Falls and Lake Britton. Employees shall be made aware that any spillage of fuel, oil, antifreeze, solvents, trailer sewage, etc. during equipment fueling, maintenance, repair, and/or storage may penetrate the soil and contaminate the aquifer. Employees shall be advised to avoid any spillage, and to immediately report any spillage to their employer so that it can be immediately cleaned up and removed to an appropriate disposal site. All new employees shall receive the above information. This condition will be monitored by the Planning Division as part of its annual mine inspection program.

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

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: See Section VII a), above.

Mitigation/Monitoring: Mitigations and monitoring would be the same as Section VII 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?

Response: No Impact

Discussion: There is no existing or proposed school within one-quarter mile of the project site (personal telephone communication with Teresea Spooner, Principal Account Clerk, Fall River Joint Unified School District on September 7, 1999).

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The project site is not listed on any of the lists of hazardous materials sites provided by the California Department of Toxic Substances Control.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The project site is not located within an airport land use plan, nor within two miles of a public airport or public use airport.

Mitigation/Monitoring: None proposed.

- 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?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: There is a private airstrip on the project site. It is possible that some of the mobile equipment associated with the proposed project could interfere with or block the airstrip, causing a safety hazard to planes using the airstrip as well as the equipment operator.

Mitigation/Monitoring: When in operation, the boundaries of the airstrip shall be clearly flagged or otherwise marked to make them obvious to equipment operators and to prevent unintentional encroachment by equipment and other vehicles onto the airstrip. This condition will be monitored by the Planning Division at the time of project implementation and during the annual mine inspection program.

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

Response: No Impact.

Discussion: A review of 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, because of the remote location of the project, which is located away from any significant population centers, and because it would not block any public or private rights of way which could be necessary for emergency access.

Mitigation/Monitoring: None proposed.

- 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?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: The site is located in an area which is designated a "VERY HIGH" Fire Hazard Severity Zone. Potential impacts of wildland fires would be mitigated by compliance with the standard requirements and recommendations of the Shasta County Fire Department as described in the letter from Bob Vanderhyde, County Fire Marshall, to James W. Cook, Planning Division Manager, dated August 17, 1999,

Mitigation/Monitoring: Potential impacts of wildland fires would be mitigated by compliance with the standard requirements and recommendations of the Shasta County Fire Department as described in the letter from Bob Vanderhyde, County Fire Marshall, to James W. Cook, Planning Division Manager, dated August 17, 1999. These requirements and recommendations will be incorporated into the conditions of approval of the use permit and will be monitored by the Shasta County Fire Department as part of its periodic inspection program.

VIII. HYDROLOGY AND WATER QUALITY - Would the project:

- a) Violate any water quality standards or waste discharge requirements?

Response: Potentially Significant Impact.

Discussion: The only significant amount of water use of the proposed project would be to wash aggregate. Used wash water would be piped to the retention ponds, where it would evaporate and/or percolate into the ground. It would not flow off-site. However, it could percolate into the groundwater. The Regional Water Quality Control Board has stated that there is a shallow, fast-moving aquifer under the site which flows in the direction of Burney Creek. It is possible that the used wash water could contaminate the aquifer.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- 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)?

Response: Potentially Significant Impact.

Discussion: As noted in the reclamation plan, according to mapping prepared by the California Division of Mines and Geology, the geologic substructure of the site is classified as Pleistocene Volcanic-Basalt. Based on information from the California Regional Water Quality Control Board, the rock in this area is highly fractured. The quarry part of this project includes blasting of the volcanic basalt rock. The blasting will occur in the 80-foot-high rock face, but will not go below the existing grade of the old lumber mill site. The effect of the blasting will be to move the rock face back to the east.

The pattern of the holes filled with explosives and the timing of the detonation are designed to direct the maximum amount of energy of the blast horizontally to break and sidecast the rock. Some of the blast energy

will be directed downward and could cause fracturing of the rock beneath. Although the rock is already highly fractured, additional fracturing could cause an adverse effect on the geologic substructure and associated aquifer which flows toward Burney Creek.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- 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?

Response: Less Than Significant.

Discussion: The proposed project would alter the existing drainage pattern of the project site by the creation of two retention basins by the construction of two dikes. However, these retention basins would not alter the course of a stream or river, nor would result in substantial erosion or siltation on- or off-site. The basins would act as sediment basins to prevent off-site transport of sediment.

Mitigation/Monitoring: None proposed.

- 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?

Response: Less Than Significant.

Discussion: According to the Regional Water Quality Control Board, the soils on this site are highly permeable, and there is little or no standing water and no runoff from the site. The proposed project is not expected to significantly change the soil conditions. As noted above under c), the proposed project would alter the existing drainage pattern of the project site by the creation of two retention basins by the construction of two dikes. However, these retention basins would not alter the course of a stream or river, nor substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off site. The basins would serve to retain on-site and off-site runoff, and allow for delayed and/or slower release and/or on-site percolation.

Mitigation/Monitoring: None proposed.

- e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Response: Less Than Significant.

Discussion: Research and related data indicate that the project is not expected to generate any significant runoff, polluted or non-polluted. There are no existing or planned stormwater drainage systems on site or adjacent to the project site.

Mitigation/Monitoring: None proposed.

- f) Otherwise substantially degrade water quality?

Response: Potentially Significant Impact.

Discussion: As discussed above in other sub-sections of Section VIII. Hydrology and Water Quality, the proposed project is not expected to substantially degrade surface water quality. However, the project could have a significant effect on groundwater.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- 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?

Response: No Impact.

Discussion: The proposed project does not include proposed housing.

Mitigation/Monitoring: None proposed.

- h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

Response: Potentially Significant Impact.

Discussion: Substantial flooding of the site occurred beginning on January 1, 1997. According to the California Department of Water Resources records of the gauging station on Burney Creek at the Park Avenue Bridge in Burney, the flood event in early January was somewhere between a 10 year and a 50 year flood event. However, it is not clear whether this gauging station, which is located approximately 10 miles upstream from the project site and above the confluence with Goose Creek, can provide accurate information about the flood event which occurred on the project site.

Evidence of the extent of the flooding was surveyed on site by Planning Division staff and the applicant on March 11, 1997. Apparently water from Burney Creek followed the path of an abandoned irrigation ditch and spilled onto the site. The flooding occurred mainly on the northern portion of the property in the area that has been designated as non-disturbance area. However, some of the water went around the east side of the berm which surrounds the former mill pond and flooded a portion of the site which is proposed to be filled. This fill area is located between the proposed quarry face and the proposed locations of the asphalt plant and the concrete plant. The fill area is approximately 3 acres in area and approximately 6 to 8 feet deep. The filling of this area could potentially result in the loss of up to approximately 24 acre feet of flood water storage capacity.

In his letter dated ~~May 4~~, July 7, 1999, Dr. Humphrey of Hydmet, Inc. recommended that the stream bank of Burney Creek be restored to its original elevation, thereby blocking the diversion ditch, and preventing future flooding of the project site. However, the loss of the flood water storage capacity could raise the flood level in the adjacent residential area on Clark Creek Road and Black Ranch Road.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- 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?

Response: Potentially Significant Impact.

Discussion: The project is not located near a river or stream, nor in the floodplain, nor downstream from a dam of any consequence. However, there are other concerns regarding the potential for flooding. For further discussion, see Section VIII. h), above.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- j) Inundation by seiche, tsunami, or mudflow?

Response: No Impact.

Discussion: The project site is not adjacent to or near a large lake or the ocean. Therefore, there are no concerns regarding seiches or tsunamis. Based on a review of the geologic map for the area, there does not appear to be any geologic formation adjacent to or near the project site likely to cause a mudflow.

Mitigation/Monitoring: None proposed.

IX. LAND USE AND PLANNING - Would the project:

- a) Physically divide an established community?

Response: No Impact.

Discussion: The project site is not located within an established community. There is a group of residences and summer homes to the northwest on Clark Creek Road, however the proposed project would not divide that area.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The proposed project does not conflict with the County General Plan or Zoning Plan. The responses received from federal, state, and local responsible and trustee agencies in reply to our request for comments regarding the proposed project did not indicate that the project conflicts with any other agency plans.

Mitigation/Monitoring: None Proposed.

- c) Conflict with any applicable habitat conservation plan or natural community conservation plan?

Response: No Impact.

Discussion: The proposed project does not conflict with the County General Plan or Zoning Plan. The responses received from federal, state, and local responsible and trustee agencies in reply to our request for comments regarding the proposed project did not indicate that the project conflicts with any applicable habitat conservation plan or natural community conservation plan which covers the specific area of the project site. Potential impacts, mitigations and monitoring of concerns regarding habitat and natural community conservation are addressed in Section IV. Biological Resources.

Mitigation/Monitoring: None proposed.

- d) Substantial alteration of the present or planned land use of an area?

Response: Less Than Significant Impact.

Discussion: The land use of this site has been industrial for more than 30 years, and the same land use will continue for most of the site. The proposed rezoning would change the zoning on approximately 24 acres from the General Industrial District (M) to the Commercial-Light Industrial District (C-M) or the Commercial-Light Industrial District combined with the Design Review District (C-M-DR). This would change the allowed uses of that portion of the site from "heavy" industrial uses to uses which are more restrictive and less likely to have significant adverse environmental effects. The C-M District is more compatible with residential development than the M District. It would allow for more consumer oriented uses including retail sales as well as light manufacturing activities.

Mitigation/Monitoring: None proposed. The rezoning, in and of itself, does not create specific impacts. As noted in the discussion above, the potential environmental impacts associated with C-M uses are likely to be less than those associated with M uses. The effects of the specific proposed projects are reviewed and mitigated under other sections of this initial study. Adding the Design Review combining District (DR) to the proposed C-M District would ensure that any potential impacts of future projects will be reviewed and mitigated at the time a permit application for a specific use is considered.

X. 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?

Response: No Impact.

Discussion: The proposed project would excavate and remove basalt rock from an escarpment located on the east side of the property. The geologic map prepared as part of the Mineral Land Classification study prepared by the California Division of Mines and Geology in 1997 shows that many similar geologic formations are found throughout the Burney and Hat Creek areas. The proposed quarry would result in an insignificant depletion of this mineral resource.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The proposed quarry site is identified on the Mineral Land Classification map of areas of crushed stone resources. It is classified as MRZ-2a, which is defined as "Areas underlain by mineral deposits where geologic data indicate that significant measured or indicated resources are present." As noted in X.a), many similar geologic formations are found throughout the Burney and Hat Creek areas, and the lack of development in the area allows the potential for many other mineral resource recovery sites.

Mitigation/Monitoring: None proposed.

XI. NOISE - Would the project result in:

- a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Response: Potentially Significant Impact.

Discussion: The site was previously occupied by a lumber sawmill which generated a significant amount of noise when it was operating. The proposed new uses, including the quarry, aggregate plant, concrete plant, asphalt plant, and the air compressor at the truck repair facility, will generate noise which has the potential to have an impact on the residences located on the west side of State Route 89 near the intersection with Clark Creek Road. Noise from the proposed industrial uses has the potential to have an impact on the McArthur-Burney Falls Memorial State Park and Lake Britton. Noise from the operation at night, when the ambient noise level is typically lower, is a particular concern, especially to the State Park.

The Shasta County General Plan Appendix B "Environmental Noise in Shasta County" indicates that the residences on Clark Creek Road already exist in a relatively noisy environment. All of the trailer park and all of the residences on Clark Creek Road between State Route 89 and Black Ranch Road within 720 feet of the state highway experience a noise level in excess of 60 L_{dn}. The Lake Britton recreational area is located approximately 8,000 feet from the site of the quarry and asphalt plant, and the campground at McArthur Burney Falls Memorial State Park is located approximately 10,000 feet away. Based on information provided

by Craig A. Engel of the California Department of Parks and Recreation, in a conversation with Bill Walker, Associate Planner, in 1996, perhaps 20 to 25 of the 128 campsites at the state park are within 200 yards of the highway.

It is not known whether the proposed project could exceed the General Plan and Zoning Plan noise regulations. Noise measurements from individual pieces of equipment must be obtained and a cumulative noise impact analysis completed to determine the potential noise impacts of the proposed project.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Response: Potentially Significant Impact.

Discussion: The proposed project will include blasting up to six times per year. Blasting has the potential to cause excessive groundborne vibration and noise which can result in structural damages to residences and other structures in the vicinity.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Response: Potentially Significant Impact.

Discussion: When the proposed facilities are operating there is the potential for a substantial permanent increase in ambient noise levels.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Response: Potentially Significant Impact.

Discussion: When the proposed facilities are operating there is the potential for a substantial periodic increase in ambient noise levels.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

- 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?

Response: No Impact.

Discussion: The project site is not located within two miles of a public airport or public use airport.

Mitigation/Monitoring: None proposed.

- 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?

Response: Less Than Significant Impact.

Discussion: The private airstrip on the project site is used seasonally for agricultural uses including crop-dusting. The use is relatively limited, and, therefore, it is not expected to create excessive noise levels.

Mitigation/Monitoring: None proposed.

XII. POPULATION AND HOUSING – Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Response: Less Than Significant.

Discussion: The proposed project would add an estimated additional 10 employees on site. The population of the community of Burney is approximately 3,400 people. There are an additional approximately 4,700 people in the surrounding area. Comparing the number of additional employees with the local population, the project is not expected to result in a substantial population growth in the area. No new roads or infrastructure are proposed.

Mitigation/Monitoring: None proposed.

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

Response: No Impact.

Discussion: No housing will be displaced as a result of the proposed project.

Mitigation/Monitoring: None proposed.

- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

Response: No Impact.

Discussion: No people would be displaced as a result of the proposed project.

Mitigation/Monitoring: None proposed.

XIII. PUBLIC SERVICES

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire Protection, Police Protection, Schools, Parks, or other public facilities?

Response: Less Than Significant.

Discussion: The proposed project is not expected to cause the need for significant additional fire protection, police protection, schools, parks or other public facilities. Fire protection will be provided on site. At least one night-watchman resides on the site. The project does not include any residential population which would affect local school, or parks.

Mitigation/Monitoring: None proposed.

XIV. RECREATION

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Response: No Impact.

Discussion: Research and data indicates that there is no evidence to suggest that industrial projects such as the proposed project would be expected to increase the use of existing neighborhood and regional parks or other recreational facilities. The project does not include any residential population which would affect recreational facilities.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The project does not include recreation facilities or require the construction or expansion of recreational facilities.

Mitigation/Monitoring: None proposed.

- c) Would the project affect the quality or quantity of existing recreational opportunities?

Response: Potentially Significant Impact

Discussion: The proposed project is located relatively close to the McArthur- Burney Falls State Park and Lake Britton, which are both important recreational areas. Potential adverse effects of the proposed industrial uses include increased noise, increased night light, ground vibrations and air blast from blasting, and the potential for increased visibility of the site from the highway. These could all have a negative effect on the quality of nearby recreational opportunities.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

XV. TRANSPORTATION/TRAFFIC - Would the project:

- a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: The project could cause congestion at the intersection of the driveway into the property and State Route 89. Of particular concern is the large trucks and other vehicle decelerating on Highway 89 and making left or right turns into the driveway at the project site, and large trucks and other vehicles entering and accelerating on the highway.

Mitigation/Monitoring: This project shall require a Caltrans encroachment permit to upgrading the existing driveway road approach to Caltrans "Type C" standards with a typical (R-2) modified deceleration right turn lane and typical acceleration lane (X-6). This mitigation will be monitored by Caltrans at the time of project implementation.

- b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highway?

Response: Less Than Significant.

Discussion: The section of State Route 89 between State Route 299 East and Clark Creek Road is currently at a volume to capacity of approximately 0.15, which means that the current amount of traffic on the highway is at approximately 15 percent of the total roadway capacity. This is equivalent to a level of service A (LOS A), which is the best level of service. The project would have to add approximately 1000 vehicle trips per day to the traffic on State Route 89 in order to reduce the level of service to LOS B. The proposed project is expected to add no more than an estimated 100 vehicle trips per day, which would not be a significant affect.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The proposed project does not include any air traffic and is not expected to have any affect on air traffic patterns.

Mitigation/Monitoring: None proposed.

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

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: The only design feature affected by the proposed project is the intersection of the driveway from the project site and State Route 89. For further discussion, see Section XV. a), above.

Mitigation/Monitoring: Mitigations and monitoring would be the same as Section XV. a), above.

- e) Result in inadequate emergency access?

Response: No Impact.

Discussion: There are two access points to the subject property which could be used for emergency access. The proposed project would not be located near either access point and would not affect either access point.

Mitigation/Monitoring:

- f) Result in inadequate parking capacity?

Response: Less Than Significant.

Discussion: There is ample area available for on-site parking for employees and potential customers and acres of room for expansion of parking areas. The total number of required parking spaces for the existing employees and the proposed employees and customers is approximately 22 spaces. The existing paved area would allow for approximately 11 parking spaces.

Mitigation/Monitoring: None proposed. However, the County standards for improved parking for employees and customers shall be met by improvement of additional parking spaces.

- g) Conflict with adopted policies, plans or programs supporting alternative transportation (e.g. bus turnouts, bicycle racks)?

Response: No Impact.

Discussion: The proposed project does not affect, in any way, adopted policies, plans or programs supporting alternative transportation.

Mitigation/Monitoring: None proposed.

XVI. UTILITIES AND SERVICE SYSTEMS

Would the project:

- a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: Some of the aggregate extracted on the project site would be washed. The wash water would come from on-site wells. Waste water would be piped to a retention basin where it would evaporate and/or percolate into the ground. If waste water were to be discharged off-site into Burney Creek, the impact could be considered significant, however, the proposed project calls for complete containment on-site.

Mitigation/Monitoring: On-site containment will be monitored by the Regional Water Quality Control Board as part of its periodic inspection program, and by the Planning Division as part of its annual mine inspection program.

- 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?

Response: Less Than Significant Impact.

Discussion: A waste water retention basin for wash water from aggregate washing must be constructed for the proposed project, however it would be constructed in the area of the former mill pond, where there is not significant wetland or wildlife habitat. Therefore the construction is not expected to have a significant environmental effect.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: No new storm water drainage facilities are proposed for this project.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: The total amount of water needed for aggregate washing is estimated at a maximum of approximately 40,000 gallons per day. The material that will be washed is the chips for chip seals, concrete aggregate, leach rock and some of the aggregate for asphalt. There is no intended washing of base rock. There are existing wells on the project site, which once served to keep the large mill ponds filled, and have

a measured capacity of 6,000 gallons per minute. Therefore there appears to be sufficient water supplies available to serve the project.

Mitigation/Monitoring: None proposed.

- 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?

Response: No Impact.

Discussion: No wastewater treatment provider currently serves, or is planned to serve the project.

Mitigation/Monitoring: None proposed.

- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Response: No Impact.

Discussion: The proposed project is not expected to generate any significant amount of solid waste. The only significant amount of waste generated by the proposed quarry, concrete plant and asphalt plant would be waste rock, which would be used for fill material on site.

Mitigation/Monitoring: None proposed.

- g) Comply with federal, state, and local statutes and regulations related to solid waste?

Response: No Impact.

Discussion: See Section XII. f), above.

Mitigation/Monitoring: None proposed.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE

- a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below 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?

Response: Potentially Significant Unless Mitigation Incorporated.

Discussion: See Section IV. Biological Resources and Section V. Cultural Resources, above.

Mitigation/Monitoring: Mitigations and monitoring would be the same as in Section IV. Biological Resources and Section V. Cultural Resources, above.

- 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)?

Response: Potentially Significant Impact.

Discussion: As discussed above, potential impacts include impacts on aesthetics, air quality, geology and soils, hydrology and water quality, noise, and recreation.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

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

Response: Potentially Significant Impact.

Discussion: As discussed above, potential impacts include impacts on aesthetics, air quality, geology and soils, hydrology and water quality, noise, and recreation.

Mitigation/Monitoring: Further analysis of the potential impacts, and suggested mitigation and monitoring must be addressed through the Environmental Impact Report process.

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, 1991 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.

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.