

Department of Planning and Building Inspection
P.O. Box 530
Downieville, CA 95936
(530) 289-3251
Fax (530) 289-2828
Email: planning@sierracounty.ca.gov



ENVIRONMENTAL QUESTIONNAIRE

Answer all questions that are applicable.

I. GENERAL

1. Project name _____ Address: _____
Project site area _____ acres, or _____ square feet
Land use description _General Plan/Community Plan _____ Zoning _____
2. Any other public agencies whose approved is required? _____
3. Project description in detail, including the number of units or gross floor area proposed, site area in acres/square feet (PLN)

4. Describe existing uses and facilities onsite (buildings, wells, septic systems, parking, etc) _____
5. Is adjacent property in common ownership? yes no
If yes, indicate acreage _____ and Assessor's Parcel Number(s) _____
6. Indicate all historic uses of the property to its first known use and show areas of such use on site plan (ie. animal enclosures, livestock dipping areas, family cemetary plots, chemical mixing structures, clandestine drug labs or dumpsites, fuel tanks, crop areas, mining shafts, buildings, processing areas, storage, hazardous waste, spoils piles, etc.):
 - a. Residential uses? yes no
If yes, describe uses: _____
 - b. Commercial agriculture uses? yes no
If yes, what types of uses have occurred? animal husbandry crops other
Describe use, era/decade, associated pesticides, herbicides, or other hazardous materials storage or use: _____
 - c. Mining uses? yes no
If yes, describe types, features, and any related uses: _____

d. Physical hazards (i.e. mine adit, air shaft, etc)? yes no

If yes, describe hazards: _____

e. Commercial uses? yes no

If yes, describe types, any related uses and is there sufficient parking?: _____

7. Is any portion of the site under a Williamson Act contract? yes no

If yes, indicate contract name and number: _____

II. GEOLOGY & SOILS

1. Have you observed any building or soil settlement, landslides, slumps, faults, steep areas, rock falls, mud flows, avalanches or other natural hazards on this property or in the nearby surrounding area? yes no

If yes, describe _____

2. How many cubic yards of material will be moved onsite? _____

How many cubic yards of material will be imported? _____

How many cubic yards of material will be exported? _____

Describe material sources or disposal sites, transport methods and haul routes: _____

3. What is the maximum proposed height and slope of any excavation/cut? _____

What is the maximum proposed height and slope of any fill? _____

4. Are retaining walls proposed? yes no

If yes, identify location, type, height, etc _____

5. Is there a potential for any blasting during construction? yes no

If yes, explain _____

6. How much of the area is to be disturbed by grading activities? _____

7. Would the project result in the direct or indirect discharge of sediment into any lakes or streams? yes no

If yes, explain _____

8. Are there any known natural economic resources such as sand, gravel, building stone, road base rock, or mineral deposits on the property? yes no

If yes, describe _____

9. Are any frontage or offsite road and/or drainage improvements proposed or required? yes no

If yes, explain and show on site plan _____

10. What are the current California Department of Conservation Farmland categories for the property? (Access the CA Important Farmland Finder application on the web at <http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx> or call 916-324-0859 for assistance) _____

How many acres of each category? _____

III. DRAINAGE, HYDROLOGY & WATER QUALITY

1. Is there a body of water (lake, pond, stream, canal, etc.) within or on the boundaries of the property? yes no If

yes, name the body of water here and show location on site plan: _____

2. If answer to the above is yes, would water be diverted from or into this water body? yes no

If yes, does applicant have an appropriative or riparian water right? yes no

3. Where is the nearest off-site body of water such as a waterway, river, stream, pond, lake, canal, irrigation ditch, or year-round drainage-way? Include name, if applicable _____

4. What percentage of the project site is presently covered by impervious surfaces? _____
What percentage of the project site will be covered by impervious surfaces after development? _____
5. Would any run-off of water from the project enter any offsite canal/stream or watershed drainage? yes no
If yes, describe _____
6. Is stormwater run-off currently being intercepted by an upstream and/or onsite canal? yes no
If yes, describe _____
7. Will there be discharge to surface water of wastewaters other than storm water run-off? yes no
If yes, a) what materials will be present in the discharge? _____
b) what contaminants will be contained in storm water run-off? _____
8. Would the project result in the physical alteration of a body of water? yes no
If yes, how? _____
9. Will drainage from this project cause or exacerbate any downstream flooding condition? yes no
If yes, explain: _____
10. Are any improvements (streets, building sites, earthwork, etc) proposed within the limits of the 100-year floodplain?
 yes no
If yes, accurately identify the location of the future, fully developed, unmitigated 100-year floodplain on the site plan.
11. Are any areas of the property subject to flooding or inundation? yes no
If yes, accurately identify the location on the site plan.
12. Would the project alter any on or off site drainage channels or patterns? yes no
If yes, explain _____
a. How will drainage be discharged to offsite project boundaries? _____

- b. Are downstream improvements required to upgrade, replace, or mitigate existing facilities? yes no
If yes, explain _____
- c. Will grading be required for drainage conveyance, either in right of way or on private property? yes no
If yes, describe _____
13. What specific temporary and permanent Best Management Practice (BMP) measures will be provided? _____

IV. VEGETATION AND WILDLIFE

All projects disturbing wetlands, streams, vernal pools, or marshes are required to notify the U.S. Army Corps of Engineers and federal permits may be required prior to land disturbance activities. In addition, consultation with the California Department of Fish and Game, U.S. Fish and Wildlife Service, National Marine Fisheries Service, and/or the Central Valley Regional Water Quality Control Board may be required depending on the types of vegetation and wildlife resources affected by project-related activities.

1. Identify the vegetation communities occurring on the project site

_____ % alpine	_____ % orchard/vineyard
_____ % coniferous forest	_____ % perennial stream
_____ % freshwater wetland/marsh	_____ % pond-stock pond
_____ % grassland (dry pasture)	_____ % rice

_____ % hardwood woodland	_____ % row crop
_____ % intermittent stream	_____ % scrub/chaparral
_____ % riparian (stream zone) woodland	_____ % vernal pool
_____ % irrigated pasture	_____ % meadow (above 3000 ft)

2. Estimate how many individual trees of 6-inches diameter or larger would be removed by the ultimate development of this project as proposed: _____
 If oak trees (Quercus sp.) are present, estimate how many individual oak trees 5 inches diameter or larger would be removed by ultimate development of this project as proposed. _____
3. Estimate the percentage of all existing trees that would be removed by the project as proposed _____
4. Have any biological surveys been conducted on the property? yes no
 If yes, give date of the survey(s) and attach a copy of the survey(s) _____
5. List any known endangered species of plants or animals (as defined in Section 15380 a-d of the California Environmental Quality Act Guidelines) found in the project area _____
6. What changes to the existing vegetative communities will the project cause as proposed? _____

V. FIRE PROTECTION

1. How distant are the nearest fire protection facilities? _____
2. What is the nearest emergency source of water for fire protection purposes? Describe the source and location: _____
3. What additional fire hazard and fire protection service needs would the project create? _____
 What facilities are proposed with this project? _____
4. For single access projects, what is the distance from the project to the nearest through road? _____
 Does the fire district require an emergency vehicle access road? yes no
 If yes, show on the project grading plans and site plan.
5. Are there offsite access limitations that might limit fire truck accessibility (ie. steep grades, poor road alignment or surfacing, substandard bridges, etc.)? yes no
 If yes, describe: _____

VI. NOISE

Project sites near a major source of noise, and projects which will result in increased noise, may require a detailed noise study prior to environmental determination.

1. Is the project near a major source of noise? yes no
 If yes, name the source(s): _____
2. What noise would result from this project, both during and after construction? _____
3. If noises attenuation measure (ie. berms, walls, special construction) are proposed, please attach noise study, describe measures and include on the site plan and in cross-sectional details.

VII. AIR QUALITY

Specific air quality studies may be required by the Northern Sierra Air Quality Management District (NSAQMD). It is suggested that applicants with residential projects containing 20 or more units, industrial, or commercial projects contact the NSAQMD before proceeding.

- 1. Are there any sources of air pollution within the vicinity of the project? yes no
If yes, name the source(s): _____
- 2. At full buildout of the project, what are the quantities of air pollutants in terms of vehicle and stationary sources (ie. woodstove emissions, etc.)? Include short-term (construction) impacts: _____

- 3. Are there any sensitive receptors of air pollution located within one quarter mile of the project (ie. schools, hospitals, etc.)?
 yes no
If yes, describe _____
Will the project generate any toxic/hazardous emissions? yes no
If yes, describe _____
- 4. What specific mobile/stationary source mitigation measures, if any, are proposed to reduce the air quality impact(s) of the project? Quantify any emission reductions and corresponding beneficial air quality impacts on a local/regional scale.

- 5. Will there be any land clearing of vegetation for this project? yes no
If yes, how will vegetation be disposed? _____

VIII. WATER SUPPLY

- 1. Define purpose of water currently used on-site _____
- 2. Define existing water source and its location on-site _____
- 3. List water sources (provider or system) proposed and their projected peak water usage in gallons per day:
Domestic _____ peak _____ gallons/day _____
Irrigation _____ peak _____ gallons/day _____
Fire Protection _____ peak gallons/day _____
- 4. Is the project site located within a public domestic water district? yes no
- 5. Will there be public water supply for domestic use? yes no
If _____ yes, _____ provide _____ district _____ name _____ here _____
If no, and the water main is in close proximity, please discuss why not _____

- 6. If no, give the distance to the closest public water main _____ feet
- 6. Will there be groundwater for domestic or other uses? yes no
If yes, what is the projected daily peak groundwater usage? _____
- 7. Are there any wells, drilled or hand-dug, on the site? yes no
If yes, describe approximate year well was constructed, depth, annular seal, yield, contaminants, etc _____

- Show existing and proposed well sites and label type of well on the site plan.
- 8. Will the project potentially impact the surrounding area's use of agricultural water? yes no
If yes, describe _____

IX. AESTHETICS

- 1. Describe adjacent land use and explain how the proposed project is consistent/compatible with these uses and densities

- 2. Is the proposed project consistent/compatible with adjacent architectural styles? yes no
If no, explain _____

3. Would aesthetic features of the project (such as architecture, height, color, etc.) be subject to review? yes no If yes, by whom (i.e. HOA, ARC)? _____
4. Describe signs and lighting associated with the project: _____
5. Is landscaping proposed? yes no
If yes, provide a conceptual landscape plan to describe and indicate types and location of plants.

X. ARCHAEOLOGY/HISTORY

1. What is the nearest historic site, state historic monument, national register district, or archaeological site?

2. How far away is it? _____
3. Are there any historical, archaeological or culturally significant features on the site (i.e. old foundations, structures, Native American habitation sites, etc.)? yes no
If yes, explain _____
4. Are there any Tribal lands, sites or artifacts known or believed to be on the site?" _____

XI. SEWAGE

1. How much wastewater is presently produced daily? _____
2. How is sewage presently disposed of at the site? _____
3. How much wastewater will be produced daily after the project? _____
4. What is the proposed method of sewage disposal? _____
5. Is there a plan to protect groundwater from wastewater discharges? yes no
If yes, attach a draft of this plan.
6. List all unusual wastewater characteristics of the project _____
What special treatment processes are proposed for these unusual wastes? _____
- Will pre-treatment of wastewater be available? yes no
If yes, attach a description of pre-treatment processes and monitoring system.
7. During the wettest time of the year, is the groundwater level less than 8 feet below the surface of the ground onsite?
 yes no
If no, explain _____
8. Is this project located within a sewer district? yes no
If yes, provide the district name here: _____
9. Is there sewer in the area? yes no
If yes, what is the distance to the nearest sewer line? _____
10. Will the project be trenching offsite to connect to sewer? yes no
If yes, describe distance and impacts to roadways, adjacent properties, etc. _____

XII. HAZARDOUS MATERIALS

"Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, or any material which a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment (i.e. oils, lubricants, and fuels).

1. a. Has the site ever stored or used hazardous materials, including pesticides and herbicides? yes no
If yes, describe _____

- b. Are these materials stored in underground tanks? yes no

If yes, contact the Department of Environmental Health at 530-993-6716 for additional requirements.

2. Will the proposed project involve the handling, storage or transportation of hazardous materials? yes no
If yes, will it involve the handling, storage, or transportation at any one time of more than 55 gallons, 500 pounds, or 200 cubic feet (at standard temperature and pressure) of a product or formulation containing hazardous materials?
 yes no
If yes, describe _____

XIII. SOLID WASTE

1. What types of solid waste will be produced? _____
How much? _____ How will it be disposed of? _____

XIV. PUBLIC AND EMERGENCY SERVICES

1. Identify those entities which serve the project with gas, electricity, telephone and water _____

XV. PARKS & RECREATION

1. How close is the project to the nearest public park or recreation area? _____
Name the area _____
2. Describe any onsite recreational facilities proposed as part of the project _____

3. How does this project propose to provide park and recreation facilities to the community? _____

XVI. SOCIAL IMPACT

1. How many new residents will the project generate? _____
2. Will the project displace or require relocation of any residential units? yes no
If yes, explain _____

3. What changes in character of the neighborhood (surrounding uses such as pastures, farmland, residential) would the project cause? _____
4. Would the project create job opportunities? yes no
If yes, explain _____
5. Would the project destroy job opportunities? yes no
If yes, explain _____
6. Will the proposed development displace any currently productive use, including agricultural livestock grazing?
 yes no
If yes, describe _____
7. Are there any Federal funds helping to finance your project? yes no

If yes, you may have to comply with NEPA, the National Environmental Policy Act

XVII. TRANSPORTATION/CIRCULATION

1. Does the proposed project front on a County road or State Highway? yes no
If yes, what is the name of the road? _____

If no, what is the name of the private access road and nearest cross-street? _____

2. Would any non-auto traffic, not related to construction activities, result from the project (trucks, trains, etc.)?
 yes no
If yes, describe type and volume _____
3. Will new roadway/driveway access onto County roads be constructed with the project? yes no
If yes, are the access points proposed in a location in which would provide sufficient sight distance along the roadway for safe entering and exiting vehicles? _____
4. Describe any proposed improvements to County roads and/or State Highways (i.e. frontage improvements, bike lanes, curb, sidewalk): _____
5. Would any form of transit be used for traffic to/from the project site? yes no
If yes, show proposed transit stop locations on site plan.
6. How much additional traffic is the project expected to generate? What are the expected peak hours of traffic to be caused by the development (i.e. Churches on Sundays, 8:00am-1:00pm; Offices on Mondays through Fridays, 8:00-9:00am, and 4:00-6:00pm)? _____

7. What bikeway, pedestrian, equestrian, or transit facilities are proposed with the project?

XVIII. CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

First Name: _____ Last Name: _____

Signature _____ Date: _____

Work Phone: () _____ Cell Phone: () _____

Email Address: _____