

# CITY OF CALISTOGA

## COLD WATER WELL APPLICATION

Questions? Call (707) 942-2828

Date received: _____	Received by: _____
<b>Application Fee: \$100.00</b>	Total fees collected: _____
Paid by: Credit: _____	Check: # _____
	Cash: _____
Date accepted as complete: _____	Initials: _____
*The property owner is required to install a lead free approved backflow device prior to new well use.	

### **APPLICANT INFORMATION:**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

### **OWNER INFORMATION:**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

### **SUBJECT PROPERTY:**

Address: \_\_\_\_\_  
Assessor's Parcel Number (APN#): \_\_\_\_\_  
General Plan Designation: \_\_\_\_\_  
Present Zoning District: \_\_\_\_\_

### **REQUEST:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CITY OF CALISTOGA  
1232 WASHINGTON STREET, CALISTOGA, CA 94515  
AUTHORIZATION TO OBTAIN PERMITS**

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**Please Print:**

I, \_\_\_\_\_, am the owner of the property located at \_\_\_\_\_, APN No. \_\_\_\_\_, located in the City of Calistoga. The following person(s) is/are authorized to act as my agent for the purpose of applying and/or obtaining building permit(s) or making a Land Use Application on the above cited property:

**AGENT**

**SIGNATURE**

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State, Zip Code

**OWNER**

**SIGNATURE**

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State, Zip Code

**NOTE:** Attached you will find a directional packet (Engineer's Review of Cold Water Well Permit Policy, #'s 1 and 2), detailing the required backup information which is mandatory for a final determination of an approved cold water well permit.

**Please return this application (with payment and detail backup), to the Public Works Department(414 Washington Street), for the start of the application process.**

## Engineer's Review of Cold Water Wells and the Permit Policy.

### GENERAL

In accordance with the provisions in the City of Calistoga Municipal Code Section, 19.06.20 E, the City Engineer may require, as part of the well permit request, the preparation of a study by a qualified hydrogeologist, or equivalent professional, to ascertain the potential effects of the proposed well upon existing well in the immediate vicinity. The determination of whether or not a detailed study is required, will be based on a Preliminary Report, submitted by the applicant, including the basic project information such as the proposed water demands, existing and proposed uses, historic groundwater data and other information necessary to establish the impacts to the vicinity ground water system.

**The Process:** The applicant will be required to submit a Preliminary Report which will include basic project water use and property information. The City Engineer will review this information and determine if established thresholds of water demand will be exceeded, thus resulting in a negative impact on the ground water supply in the vicinity of the project. If the thresholds are exceeded, the City Engineer will require that a more detailed groundwater study be performed by a hydrogeologist, or other qualified professional, to establish actual impact and any necessary mitigation measures.

- 1) **PRELIMINARY REPORT SUBMITTAL – Please submit with application**
  - a) Prior to the issuance of the well permit, the applicant is to submit to the Public Works Department, a reconnaissance level Preliminary Report generally describing the application property, purpose of the well permit and any other associated application and proposed projects information. The initial report is to include, at a minimum, the following information:
    - i) Site Map – showing the following:
      - (1) Property boundaries
      - (2) Proposed building facilities(if any)
      - (3) Proposed agricultural development(if any)
      - (4) Existing and/or proposed water systems
      - (5) Adjoining property owner names and Assessor's Parcel Numbers(APN's)
      - (6) Adjoining well locations
    - ii) Narrative on the proposed project, including:
      - (1) Description of existing and proposed land use
      - (2) Acreage of vineyard and agricultural development
      - (3) A description of home sites and number of occupants
      - (4) Potential for future development
    - iii) Projected water consumption including:
      - (1) Total water requirement in ACRE-FEET per YEAR
      - (2) Peak demands and time of year
      - (3) Water source and delivery facilities

- (4) For expansions of existing facilities, include records of existing water when available and associated projected water use.
- b) When available, historical water meter data or others similar water use records are to be submitted as part of the Preliminary Report and used by the applicant, when determined appropriate by the City Engineer, to calculate water demands for existing facilities and to formulate water demands for proposed facilities expansion.
- c) Acceptable projected water demands for representative uses, when historical data is not available are listed in the table below. Projected water demand values from other sources may be used if approved by the City Engineer.

<u>USE</u>	<u>PROJECTED WATER DEMAND</u>
i) Residential:	
(1) Primary residence	.075 Acre-feet/Year
(2) Secondary residence	0.33 Acre-feet/Year
(3) Farm labor dwelling	1.0 Acre-feet/Year
ii) Agricultural:	
(1) Vineyards	1.0 Acre-feet/Year
(2) Irrigated pasture	4.0 Acre-feet/Year
(3) Orchards	4.0 Acre-feet/Year
(4) Livestock(sheep/cattle)	0.01 Acre-feet/Year

## 2) Preliminary Report REVIEW PROCESS

- a) The City Engineer will review the Preliminary Report and the methods used to formulate the water usage figures and may require the submittal of additional data.
- b) If, following a review of the Preliminary information, the City Engineer determines that the potential impact to adjoining wells is limited, the City Engineer may not require the more detailed study.
- c) Acceptable levels of allowable water usage are hereby established for valley floor areas, hillside areas, and historically poor water as outlined in the following table:

### ACCEPTABLE Water Usage / Acre Feet/Acre Year

i) Valley Floor	1
ii) Hillside	0.5
iii) Historically poor water areas	0

- d) If the Preliminary Report indicates that Water Demands on the subject parcel will exceed the thresholds of acceptable water usage, the City Engineer will require a more detailed study by a hydrogeologist or other qualified professional to determine the project actual effects on the ground water system and provide for mitigation of any resulting negative impacts to the project vicinity groundwater supply.