

**MAMMOTH COMMUNITY WATER DISTRICT  
REMODEL/ADDITION APPLICATION**

**GREEN CODE UPGRADE**

**APPLICANT**

DATE: \_\_\_\_\_ NAME: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

DAYTIME TELEPHONE NUMBER: \_\_\_\_\_

EMAIL: \_\_\_\_\_

**PROPERTY DETAILS**

CONTRACTOR: \_\_\_\_\_

TYPE OF CONSTRUCTION: \_\_\_\_\_  
(commercial/single family residence/condo project etc, what are you adding/remodeling)

NUMBER OF EXISTING FIXTURE UNITS: \_\_\_\_\_  
(See table 610.3 and 610.4 of the 2016 California Plumbing code for reference)

NUMBER OF PROPOSED ADDITIONAL FIXTURE UNITS: \_\_\_\_\_

NET NUMBER OF FIXTURE UNITS AT PROJECT COMPLETEION: \_\_\_\_\_  
(Total fixture units to be served by meter)

SUBDIVISION: \_\_\_\_\_ LOT NUMBER: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_

ASSESSOR PARCEL NUMBER (REQUIRED) \_\_\_\_\_

**OWNER DETAILS**

NAME: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

DAYTIME TELEPHONE NUMBER: \_\_\_\_\_

SIGNATURE ON THIS APPLICATION ACKNOWLEDGES THAT IF A FIXTURE UNIT COUNT IS MISREPRESENTED AND UPON FINAL INSPECTION IT IS FOUND THAT THE COUNT IS NOT ACCURATE, REPLACEMENT OF THE METER AND STREET LATERAL MAY BE REQUIRED AT THE OWNERS EXPENSE. PAYMENT OF ADDITIONAL CONNECTION FEES MAY ALSO BE REQUIRED. REMOVAL OF FIXTURES ONCE INSTALLED MAY REQUIRE TOWN OF MAMMOTH LAKES APPROVAL. THE OWNER ASSURES THAT THE PLANS SUBMITTED IN REGARD TO WATER AND SEWER IMPROVEMENTS ARE COPIES OF THE SAME PLANS SUBMITTED TO THE TOWN OF MAMMOTH LAKES BUILDING DEPARTMENT.

SIGNATURE OF OWNER: \_\_\_\_\_

## RESIDENTIAL FIXTURE UNIT CALCULATIONS FOR GREEN CODE COMPLIANCE

If a fixture exists that is not listed contact MCWD for the fixture unit value

**GREEN CODE UPGRADE**

FIXTURE	QUANTITY OF EXISTING FIXTURES	QUANTITY OF NEW FIXTURES TO BE ADDED	TOTAL FIXTURES PROPOSED		WATER FIXTURE UNIT VALUE	TOTAL FIXTURE UNITS
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### Mandatory fixture upgrades for green code compliance

SEPARATE SHOWER STALL, PER HEAD				X	1.6	
<i>If multiple showerheads or body sprayers exist in one shower stall the combined flow of all showerheads shall not exceed the maximum flow rate of 2 gallons per minute or the shower shall be designed to only allow one showerhead to be in operation at a time.</i>						
BATH/SHOWER COMBO				X	3.6	
<i>One showerhead is assumed with a tub/shower combination and the maximum flow allowed for the showerhead is 2gpm. Any additional showerheads or body sprayers within the bath/shower combo must comply with the standards for showerheads stated above.</i>						
WATER CLOSET (toilet)				X	2	
<i>Maximum flow rate allowed is 1.28 gallons per flush. Urinals for residential use must also meet green code standards. Flushometer toilets and urinals require separate calculations and represent much higher fixture unit counts</i>						
LAVATORY (bathroom sink)				X	0.8	
<i>Maximum flow rate allowed 1.2 gallons per minute.</i>						
KITCHEN SINK				X	1.2	
<i>Maximum flow rate allowed 1.8 gallons per minute.</i>						

### Fixtures not applicable for green code upgrade

BATH TUB				X	4	
BAR SINKS				X	1	
FIRST HOSE BIBB				X	2.5	
ADDITIONAL HOSE BIBBS				X	1	
CLOTHES WASHER				X	4	
DISHWASHER				X	1.5	
BIDET				X	1	
MOP BASIN (LAUNDRY SINK)				X	1.5	

**TOTAL ENDING FIXTURE UNITS AFTER CONSTRUCTION**

- IF FIXTURE UNIT COUNT IS 39 OR UNDER A 3/4" METER MAY BE USED.
- IF FIXTURE UNIT COUNT IS OVER 39 AND NOT OVER 85 A 1" METER MAY BE USED.
- IF FIXTURE UNIT COUNT IS OVER 85 AND NOT OVER 370 A 1 1/2" METER MAY BE USED.
- IF FIXTURE UNIT COUNT IS OVER 370 AND NOT OVER 654 A 2" METER MAY BE USED.

# Mammoth Community Water District

## Questionnaire For Cross Connection Control

In compliance with the Federal Safe Drinking Water Act of 1974, the California Administrative code and Mammoth Community Water district Ordinances #03-19-87-07, it is necessary to ask certain questions regarding the development of your property to determine compliance with our Cross Connection Control Program.

Our cross-connection control program is designed to meet these regulations to protect the public water from backflow of any pollution or contamination.

**Property address**

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**Type of facility**

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**What is the building height**

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What type of uses and connections of equipment to the water supply will there be?

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**Check all that apply to your property:**

Boiler System		Hydronics		Irrigation	
Fire Sprinklers		Swamp Cooler		Air conditioning	
Steam connected facility		Heat Exchange system		Spa	
Solar heat exchange		Sewage sump pump		Gray water system	
Additional water source		Corrosive inhibitor unit		Water softener	
Pressurized water tank		What type		None of the above	

**Commercial Facility:** Yes No **If Yes What Type:**

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**Commercial / Industrial equipment utilized:**

Aspirators		Water Cooled Equip.		Booster Pumps	
Film Processing Equip.		Chemical Injection systems		Circulating systems	
Non Water Piping		Beverage Machine		Ice Maker	
Coffee Machine		Latte Machine		Garbage Disposal	
Industrial dishwasher		Cooling Tower		Autoclaves	
Sewage pumps		Industrial fluid lines		Heat exchanger	
Reclaimed water system		None of the above			

### Fire Sprinkler System

If you indicated that you will have a fire sprinkler system please circle your answer to the following questions.

What type of system will it be?

**Circle all that apply:**

Air	Yes	No
Water	Yes	No
Freeze protection with an antifreeze chemical of some type	Yes	No
Will this system be supplemented by any auxiliary source	Yes	No
Will there be a fire department connection on the project	Yes	No

Continued on next page

**Spa**

If you indicated that there will be a spa please circle your answer to the following questions.

**Type of spa:**

Plumbed into the water supply and sewer system	Yes	No
Self contained	Yes	No

**Hydronic, Boiler or heat Exchange Units**

If you indicated that a boiler, hydronic or some type of heat exchange system is to be used please circle your answer to the following questions.

Will Glycol be used in any part of the unit	Yes	No	
Does the system call for a backflow preventer	Yes	No	
If yes what type _____			
Will the heat exchange be used to heat	Air	Water	
Will the system be used for	driveways	walkways	house

**Signed by owner/agent**

**Date :**

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# 2019 CALGREEN RESIDENTIAL MANDATORY MEASURES EFFECTIVE JANUARY 1, 2020

HCD SHL 615 (New 01/20)

See specific referenced sections for complete details on CALGreen mandatory requirements.

## 2019 CALGREEN CODE

SECTION	REQUIREMENTS
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### Division 4.3 – WATER EFFICIENCY AND CONSERVATION

#### Water conserving plumbing fixtures and fittings

Plumbing fixtures and fittings shall comply with the following:

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|---------|-------------|--|
| 4.303.1 | 4.303.1.1   | – Water closets: ≤ 1.28 gal/flush.   |
|         | 4.303.1.2   | – Wall mounted urinals: ≤ 0.125 gal/flush; all other urinals ≤ 0.5 gal/flush.  |
|         | 4.303.1.3.1 | – Single showerheads: ≤ 1.8 gpm @ 80 psi.  |
|         | 4.303.1.3.2 | – Multiple showerheads: combined flow rate of all showerheads controlled by a single valve shall not exceed 1.8 gpm @ 80 psi, or only 1 shower outlet is to be in operation at a time. |
|         | 4.303.1.4.1 | – Residential lavatory faucets: maximum flow rate ≤ 1.2 gpm @ 60 psi; minimum flow rate ≥ 0.8 gpm @ 20 psi.  |
|         | 4.303.1.4.2 | – Lavatory faucets in common and public use areas of residential buildings: ≤ 0.5 gpm @ 60 psi.  |
|         | 4.303.1.4.3 | – Metering faucets: ≤ 0.2 gallons per cycle.   |
|         | 4.303.1.4.4 | – Kitchen faucets: ≤ 1.8 gpm @ 60 psi; temporary increase to 2.2 gpm allowed but shall default to 1.8 gpm.   |

#### Standards for plumbing fixtures and fittings

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|---------|--|
| 4.303.2 | Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet applicable standards referenced in Table 1701.1 of the California Plumbing Code. |
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#### Outdoor potable water use in landscape areas

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|---------|---|
| 4.304.1 | New residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. |
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### Division 4.4 – MATERIAL CONSERVATION & RESOURCE EFFICIENCY

#### Rodent proofing

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|---------|---|
| 4.406.1 | Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be closed with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency to prevent passage of rodents. |
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