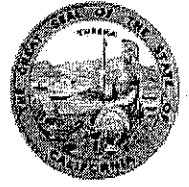




State of California—Health and Human Services Agency
Department of Health Services



DIANA M. BONTÁ, R.N., Dr. P.H.
Director

GRAY DAVIS
Governor

October 7, 2002

Mr. Larry Cain
City Manager
City of San Juan Bautista
PO Box 1420
San Juan Bautista, CA 95045

Dear Mr. Cain:

City of San Juan Bautista, System No. 3510002
Comments on the Response to Citation No. 02-05-02C-010

We have received the submittals required in the Directives included in Citation 02-05-02C-010, prepared on behalf of the City of San Juan Bautista by Bracewell Engineering. We have reviewed the materials and have the following comments.

Source Capacity vs Demand Analysis

1. Is the Peak Demand the maximum day demand or the peak demand that normally occurs specific times of day (i.e. representative of the peak hour demand)? Please present an analysis of both maximum day demands and peak hour demands, including an analysis of how the peak hour demand can be met with source and/or storage capacity.
2. Please provide a brief summary showing the assumptions used in the analysis, including population figures. Also, the ratio of peak demand to average demand in your analyses varies from 2.0 in 1996 to 1.66 in 2007. Please provide an explanation for this decrease.

Well 3 Operations Plan

Page 1-Section 2.II: The Operations Plan states that Notification of High Nitrate will be initiated to all users at the time of start-up of Well 3 unless the most recent nitrate profile shows that the nitrate will be below 35 mg/L. This section should be amended to read “unless the most recent Well 3 nitrate profile shows that the nitrate has been below 35 mg/L for the duration of the profile after pump start-up or after a recommended period of pump to waste based on the most recent quarterly nitrate profile”.

Page 1-Section 2.III B & C: These directives instruct the staff to pump to waste for a specified period of time, based on the most recent well nitrate profile. However, the most current nitrate profile shows initial nitrate in Well 3 at 29 mg/L and within 30 minutes it is at 56 mg/L. These sections should indicate that pump to waste would be initiated “if necessary”.

In addition, a coliform sample must be taken from the well quarterly to ensure there are no developing bacteriological contamination problems, and at any time it is anticipated that Well 3 may be needed to provide water to the distribution system after it has been inactive for three months or more.



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www.consumerenergycenter.org/flex/index.html

Northern California Drinking Water Field Operations Branch
1 Lower Ragsdale, Building 1, Suite 120, Monterey, CA 93940-5741
(831) 655-6939; Fax (831) 655-6944
Internet Address: <http://www.dhs.ca.gov/ps/ddwem/>

Emergency Notification Plan

The Emergency Notification Plan (ENP) indicates that City staff and volunteers, including the Boy Scouts and Girl Scouts, will conduct emergency notification. The use of Scouts is not appropriate for completing public notification for the following reasons: 1) requiring minors to go door-to-door is not in the best interest of their safety, and 2) all persons identified in the ENP to deliver public notification should be provided training in advance to ensure the process is completed in a timely and efficient manner, especially in the event of a drinking water problem that is associated with acute health risks.

Please make the changes noted above and resubmit the documents for our approval by November 15, 2002. In addition, it is imperative that the Well 3 Operations Plan be reviewed with current City staff and is included in the orientation of new staff whose duties may include oversight of the water system.

If you have any questions regarding this matter, please call me or Jan Sweigert (831) 655-6939.

Sincerely,



Betsy S. Lichti, P.E.

District Engineer, Monterey District

DRINKING WATER FIELD OPERATIONS BRANCH

cc: San Benito County Health Department
Bracewell Engineering -- 6239 College Avenue Suite 202, Oakland CA 94618