



Howard Backer, MD, MSPH
Interim Director

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

DRINKING WATER FIELD OPERATIONS BRANCH
50 D STREET, SUITE 200, SANTA ROSA, CA 95404
PHONE: (707) 576-2145 / FAX: (707) 576-2722
INTERNET ADDRESS: www.cdph.ca.gov



EDMUND G. BROWN JR.
Governor

May 31, 2011

System No. 2100508

Leighton Hills
Muir Beach Community
16 Miller Avenue
Suite 203
Mill Valley, CA 94941

Dear Mr. Hills,

This letter is to inform you of the findings of the November 2, 2010 inspection of the Muir Beach Community public water system (System) conducted by the California Department of Public Health - Drinking Water Field Operations Branch (Department) staff and to transmit Domestic Water Supply Permit 02-18-11P-2100508. An inspection report is enclosed.

Permit

Please read the permit carefully as it contains provisions that must be met in the operation of the water system. Specific attention must be paid to the following provisions:

2. The only sources and treatment approved for potable water supply is as follows:

Source	PS Code	Status	Associated Treatment
2002 Well	2100508-003	Active	Sodium hypochlorite disinfection, sodium silicate corrosion control, sodium silicate sequestration
2008 Well	2100508-004	Active	Sodium hypochlorite disinfection, sodium silicate corrosion control, sodium silicate sequestration

No changes, additions, or modifications shall be made to the sources or treatment, or any addition of distribution system storage reservoirs greater than 100,000 gallons unless an amended water permit has first been obtained from the Department. At no time shall water served bypass the associated treatment.

6. The System shall collect from any active wells a monthly raw water sample for total coliforms and *E. coli* and have the sample analyzed by a certified lab using an analysis method that enumerates. The results of this sampling shall be submitted to the Department.

10. The System shall submit to the Department by **July 29, 2011** an operations plan for sequestration that includes the following items:
- a. Sodium silicate entering the distribution system shall be monitored **weekly**.
 - b. Sodium silicate present at an approved distribution system location shall be monitored **quarterly**.
 - c. Chlorine residual entering the distribution system shall be monitored **daily**.
 - d. Chlorine residual present at an approved distribution system location shall be monitored **weekly**.
 - e. Results of the monitoring must be submitted to the Department by the tenth day of the month following the month of monitoring.

Inspection Report and File Review

The Department found the System to be well operated and generally in good condition. Listed below are items that need to be addressed for the System to remain in compliance with the California Health and Safety Code and the California Code of Regulations:

1. **Water Quality**

The System must perform quarterly monitoring for iron and manganese from any sources active during a given quarter.

The System must complete any overdue source chemical monitoring. A chemical monitoring schedule is enclosed.

2. **Disinfection Byproducts Monitoring**

The System must complete and submit a disinfection byproducts monitoring plan to the Department by **June 30, 2011**. A blank plan form is enclosed.

3. **Backflow Prevention**

The System should perform a cross-connection survey. A handout for performing a survey is enclosed.

The System must convert or replace any threaded sample taps attached to storage tanks with unthreaded sample taps by **July 8, 2011**.

4. **Lead & Copper Sampling**

The System must sample for lead and copper from five locations during **June, July, August, or September 2011**, and one of the sample locations used must be 160 Pacific. Results of the sampling and the completed *Lead & Copper Results Worksheet* form must be submitted to the Department by **October 31, 2011**. The form can be found at the following internet address:

<http://wcwwa.org/Forms.htm>

Please remember to allow water to remain undisturbed in the distribution system for at least six hours, but no more than twelve hours, prior to sampling.

5. **Bacteriological Monitoring and Emergency Notification**

The System must complete and submit a bacteriological monitoring plan and emergency notification plan to the Department using the forms entitled, *Bacteriological and Groundwater Rule Sampling Plan (Sonoma)* and *Emergency Notification Plan (Sonoma) Blank Form*, located at the previous internet address by **July 31, 2011**.

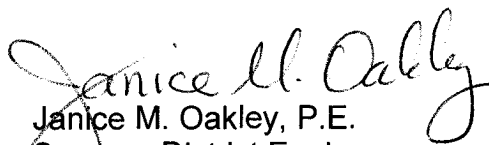
6. **Source Water Assessment**

The System must conduct source water assessments for 2002 Well and 2008 Well and submit the reports to the Department by **October 31, 2011**. Forms for the preparation of the assessment reports are enclosed.

Please respond in writing by **June 30, 2011**, indicating receipt of the permit and your willingness to comply with the permit provisions. Please also inform the Department if there are any inaccuracies in the inspection report. Thank you for your assistance during the inspection.

If you have any questions regarding this letter, please contact Zachary Rounds at (707) 576-2728.

Sincerely,


Janice M. Oakley, P.E.
Sonoma District Engineer
Drinking Water Field Operations Branch

Enclosures: Water Supply Permit 02-18-11P-2100508
Inspection Report
Chemical Monitoring Schedule
Disinfection Byproducts Monitoring Plan form
Source Water Assessment forms