California Regional Water Quality Control Board
Central Coast Region

895 Aerovista Place, Suite 101, San Luis Obispo, California 93401-7906
(805) 549-3147 • Fax (805) 543-0397
http://www.waterboards.ca.gov/centralcoast

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

October 6, 2006

Users of Private Domestic Wells in the Llagas Subbasin

Subject: Termination of Bottled Water

Since May 19, 2005, Olin has supplied users of private domestic wells with replacement water (i.e., bottled water) whose wells contain perchlorate at concentrations greater than 6.0 micrograms per liter (µg/L). Olin will continue to supply bottled water to users of wells with perchlorate concentrations greater than 6.0 µg/L in accordance with State Water Resources Control Board (State Water Board) Order WQ 2005-2007, dated May 19, 2005. The Office of Environmental Health Hazard Assessment (OEHHA) has determined that a perchlorate concentration of 6.0 µg/L (public health goal) is a safe level of perchlorate in drinking water that will pose no significant health risk to individuals consuming the water on a daily basis over a lifetime. OEHHA's public health goal is based upon a risk assessment to identify a level at which no known or anticipated adverse effects on health will occur, with an adequate margin of safety.

State Water Board Order WQ 2005-0007 also allows Olin to stop supplying bottled water to individual well owners if four consecutive quarters of well testing results show perchlorate concentrations equal to or less than 6.0 µg/L. Olin has recently terminated replacement water for users of over 500 wells in the Morgan Hill, San Martin, and Gilroy areas. The replacement water service was terminated because well testing results have at least four consecutive quarters of perchlorate results that are less than or equal to 6.0 µg/L. Central Coast Water Board staff have carefully reviewed all the analytical data for each well in the attached table and we have verified that each well meets the State Water Board's criteria for termination of replacement water.

After bottled water service is terminated, Olin is still required to sample your well. How often your well is sampled depends on the concentration of perchlorate detected in your well during the <u>last sampling event</u> before bottled water was terminated. The monitoring frequency also depends on the results of a statistical analysis for all the available data collected for your well historically. Central Coast Water Board staff will carefully review all the data for your well to make sure that Olin will sample your well according to the frequencies below:

1. **If the last sampling event prior to bottled water termination included a perchlorate concentration equal to or above 5.0 µg/L but less than or equal to 6.0 µg/L**: Olin will sample the well every other month (bimonthly) for eight months (four sampling events). If, after eight months, there is no trend or an increasing or probably increasing trend in perchlorate concentrations, Olin will continue to sample the well every other month until there is a stable, decreasing, or probably decreasing trend in perchlorate concentrations. If the trend is stable, decreasing, or probably

decreasing, then Olin will sample at least twice per year for one year (summer and winter). If the trend is still stable, decreasing, or probably decreasing after sampling twice per year for one year, Olin will sample once in the next year, and if it is still stable, decreasing, or probably decreasing, then Olin may stop sampling the well with concurrence from the Central Coast Water Board's Executive Officer.

2. **If the last sampling event prior to bottled water termination included a perchlorate concentration equal to or above 4.0 µg/L but less than 5.0 µg/L:** Olin will sample the well at least twice per year (summer and winter). If, after two years or four sampling events (including perchlorate results collected since May 19, 2005), there is no trend or an increasing or probably increasing trend in the perchlorate concentrations, Olin will continue to sample twice per year until the perchlorate concentrations are either stable, decreasing, or probably decreasing; Olin will then sample once in the next year. If that concentration is less than 5.0 µg/L and the trend is still stable, decreasing, or probably decreasing, Olin may stop sampling the well with concurrence from the Central Coast Water Board's Executive Officer. If perchlorate concentrations are detected greater than 5.0 µg/L at any time, then Olin will sample according to 1. above, beginning with the four bimonthly sampling events.

3. **If the last sampling event prior to bottled water termination included a perchlorate concentrations below 4.0 µg/L (and within 500 feet of wells that have had a detection of perchlorate greater than 6.0 µg/L):** Olin will sample twice per year for one year (summer and winter). If the perchlorate concentrations continue to be below 4.0 µg/L (includes perchlorate results collected since May 19, 2005), then Olin must sample once in the next year. If that concentration is also less than 4.0 µg/L, Olin may stop sampling the well with concurrence from the Central Coast Water Board's Executive Officer. If perchlorate concentrations are detected greater than 4.0 µg/L or 5.0 µg/L at any time, then Olin will sample according to 2. and 1. above, respectively. For example, Olin will take all samples required by 2. or 1., i.e., starting with two years of summer and winter sampling or four bimonthly samples, respectively, in addition to any samples previously taken under this paragraph.

4. **If the last sampling event prior to bottled water termination included a perchlorate concentration below 4.0 µg/L (and <u>not</u> within 500 feet of wells that have had a detection of perchlorate greater than 6.0 µg/L):** Olin may stop monitoring with concurrence from the Central Coast Water Board's Executive Officer.

Central Coast Water Board staff will continue to review all analytical data submitted by Olin for your well. If perchlorate concentrations in your well are greater than 6.0 µg/L during future sampling events, Olin will commence replacement water service for a minimum of four quarters (one year) until well testing results show perchlorate concentrations equal to or less than 6.0 µg/L for four consecutive quarters.

If you have questions please contact Sylvia Hamilton of your local Perchlorate Community Advisory Group (PCAG), Olin, or Water Board staff if you have sampling frequency questions:

PCAG Contact:	**Olin Contact:**	**Water Board Contact:**
Sylvia Hamilton P.O. Box 886 San Martin, CA 95046 (408) 683-2667 info@smneighbor.org	Rick McClure P.O. Box 248 Charleston, TN 37310 (800) 295-6141	Thea Tryon 895 Aerovista Place #101 San Luis Obispo, CA 93401 (805) 549-3147 ttryon@waterboards.ca.gov

For more information on State Water Board Order WQ 2005-0007 or to look at the last four quarters of well testing results, please visit the Water Board website under the subheading "Bottled Water Termination" at the following link:

http://www.swrcb.ca.gov/rwqcb3/Facilities/Olin%20Perchlorate/Index.htm

For general perchlorate information visit the Santa Clara Valley Water District website at the following link:

http://www.valleywater.org/Water/Water_Quality/Protecting_your_water/_Perchlorate_Information

For more information about the Public Health Goal for perchlorate visit the Office of Environmental Health Hazard Assessment frequently asked questions website at the following link:

http://www.oehha.ca.gov/public_info/facts/faqperchlorate.html

Sincerely,

Harvey Packard

for Roger Briggs
Executive Officer

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