

## **E.O. Report Addendum**

### **Detection of 1,2,3-Trichloropropane in Manzanita Elementary School Well, Gridley, Butte County**

On 2 May 2018, the Division of Drinking Water (DDW) notified Central Valley Water Board staff of a confirmed detection of the chemical 1,2,3-trichloropropane (TCP) in the County-run Manzanita Elementary School drinking water well. The detected concentration is ten times greater than the Maximum Contaminant Level (5 parts per trillion). The Butte County Public Health Department issued a press release on 27 April 2018, and the school is providing the students with bottled water as drinking water. Butte County and DDW are evaluating the well for treatment and/or replacement. DDW indicates that the well has a suspect sanitary seal and may be pulling shallower contamination downward into the pump intake.

TCP is a chemical which can be associated with industrial operations and certain pesticides used in agricultural applications (such as a soil fumigant in orchards). People who consume TCP in their drinking water, over many years may have an increased risk of cancer. With the adoption of the MCL in December 2017, DDW is requiring all public water systems under DDW permit to conduct quarterly sampling for TCP. DDW indicates that so far only the school well, two California Water Service wells in Chico, and the Gridley Farm Camp well have had TCP detections in the northern portion of the Sacramento Valley.

Central Valley Water Board staff are investigating the source of TCP in the school's well and are conferring with Central Valley Water Board's Program Managers for the Site Cleanup Program and Irrigated Lands Program. Staff have also reached out to the Butte County Public Health Department, the Department of Toxic Substances Control's Schools Program, and the State Water Board's Office of Public Participation. Staff have prepared a fact sheet for distribution to owners and users of approximately 200 private drinking water and agricultural wells we identified within a one-mile radius of the school's well. The Office of Public Participation expects to complete the Spanish translation of the fact sheet by 25 May, and we will issue the fact sheet on 29 May, after the Memorial Day holiday, so that staff are available to answer community member questions. As an initial assessment of the extent of TCP, staff will be sending letters offering free sampling of ten domestic water wells within a 1,200-foot radius of the school. Staff will conduct the initial sampling during June and the results will be used to plan additional private well sampling and public outreach, as appropriate.