

## **LANGE TWINS FAMILY LIMITED dba, JAHANT WOODS CELLARS, San Joaquin County**

Lange Twins Family Limited doing business as Jahant Woods Cellars is constructing a new winery in Acampo that will crush grapes and process juice into finished wines, bottle wine, and distribute the wine. The winery is being constructed in phases. The first phase is being constructed to crush 11,000 tons of grapes but crush amounts will be lower in the initial years. At a crush rate of 11,000 tons per year, approximately 12,500,000 gallons of wastewater will be generated on an annual basis. Wastewater will be generated in cleaning and rinsing activities. Wastewater will be collected, biologically treated in ponds, and land applied. Ponds will be double-lined with synthetic liners equipped with a leak detection system; treatment ponds will be equipped with up to 40-horsepower of floating mechanical aerators. Land application areas consist of 28-acres planted in pasture, 40-acres planted in vineyard, and 64-acres planted in vineyard. The 28-acre land application area will be the primary land application area used during the winter months. Wastewater will be applied to the 40 and 64-acre land application areas during the remainder of the year. Solids will be applied to the land application areas as fertilizer/soil amendment. Process water at the facility is provided by a domestic supply well. Supply water quality is generally good, with a total dissolved solids concentration of 147 mg/L. Groundwater exists at a depth of approximately 50 feet below the ground surface. Domestic wastewater is discharged to an on-site system regulated by the San Joaquin County Environmental Health Department. Surface water drainage in the area is to the Mokelumne River. (TRO)