

Location: Yuba County, CA

Owner: Olivehurst Public Utility District (OPUD)

Sewage Lift Station, Force Main and Outfall Sewer

KASL Consulting Engineers conducted the planning, design and construction administration of a 1600 gpm lift sewer lift station housed in a cement masonry unit building. Also contained in the building are blower units, odor control facilities, standby power systems, a flushing system, gantry crane for pulling pumps and SCADA capabilities.

Other elements of the project included a 12-inch diameter sewer force main to serve the Wheeler Ranch residential development, a 20-inch diameter force main to serve the Wheeler Ranch and North Plumas development areas and a 36-inch diameter gravity sewer outfall pipe which serves all of the North Plumas development and Olivehurst communities.

Sewer force main improvements include pig launching and retrieval stations on the 12-inch diameter and 20-inch diameter force mains.

