Ponds 1, 2, and 3 provide treatment of wastewater through an aerobic - anaerobic facultative process.

Pond 4 serves as a "polishing pond" through a facultative process.

Gravity flow from distribution box to ponds 1 through 3 (TPP) (standard operating procedure is to flow consecutively from pond 1 to pond 3).

Distribution box (manually operated).

Force main (1.2 miles).

Ponds 5, 6, and 7 serve as storage.

Portable effluent pump.

Tail water.

Sewer collection tank (9,000 gal).

Over flow from sewer collection tank.

Over flow/baker tank (21,000 gal).

Sewage gravity flow from berryessa estates & water treatment plant.

Ef fluent pumped from baker tank.

Ef fluent pumped from single family dwelling and operations building.

Drawing Reference:
Lake Berryessa Resort Improvement District

Wastewater Treatment System Schematic

Lake Berryessa Resort Improvement District Wastewater Treatment Facility

Napa County