The Sonoma County Water Agency manages 9 wastewater collection and treatment systems in Sonoma County. They are Airport-Larkfield-Wikiup Sanitation Zone, Geyserville Sanitation Zone, Occidental County Sanitation District, Penngrove Sanitation Zone, Russian River County Sanitation District, Sea Ranch Central Wastewater Sanitation Zone, Sea Ranch North Wastewater Sanitation Zone, Sonoma Valley County Sanitation District, and the South Park County Sanitation District. Throughout this report any one of the above facilities may be mentioned.

Sea Ranch North Sanitation Zone

Background

The Sea Ranch North and Central Sanitation Zones (Sea Ranch North & Central SZs) service areas cover approximately 4,600 acres. The Sea Ranch North & Central SZs provide service to approximately 830 parcels using a gravity collection system and treats wastewater from approximately 280 ESDs. There are four lift stations in the Sea Ranch North SZ, one is located on Leeward Road, the second is on Helm Road, the third is on Tide Pool Road, and the fourth is also located on Leeward Road. The Sea Ranch North SZ Wastewater Treatment Plant is located on Highway 1 in Sea Ranch. This plant became operational in 1972. The treatment plant is designed to provide secondary treatment for an average daily dry weather flow of up to 160,000 gpd and currently treats approximately 22,000 gpd. The plant includes: a headworks, one aeration pond, filtration, chlorination, and a storage capacity of 8.4 million gallons. The treated wastewater from the Sea Ranch North SZ is disposed of by transferring to Gualala CSD for tertiary treatment and ultimate disposal on the Sea Ranch Gold Links. There is a percolation pond for emergency disposal. There is one lift station in the Sea Ranch Central SZ that is located on Wild Iris Road. The Sea Ranch Central SZ Wastewater Treatment Plant is located on Highway 1 in Sea Ranch. This plant became operational in 1971. The treatment plant is designed to provide secondary treatment for an average daily dry weather flow of up to 27,000 gpd and currently treats approximately 2,000 gpd. The plant includes: a headworks, one aerated pond, chlorination, and a storage capacity of 1.74 million gallons. The treated wastewater from the Sea Ranch Central SZ Treatment Plant is used for irrigation.