
El Crystal Mobile Home Park

12/29/2022

County: Sonoma

Population: 130

Challenges: E. Coli and Total Coliform Bacteria

Consolidation date: October 18, 2022



El Crystal Mobile Home Park.

Source: <https://www.mhvillage.com/>

El Crystal Mobile Home Park is located 0.2 miles south of the City of Santa Rosa, CA in Sonoma County. The Mobile Home Park serves a population of 130 people through two shallow groundwater wells; one with no annular seal and the other with no information on the existence of an annular seal. As such, the State Water Resources Control Board's Sonoma District Office instructed the Mobile Home Park to collect monthly raw water bacteriological

monitoring from both wells starting in 1999. Monitoring results showed persistent detection of total coliforms and E.coli from both wells. Due to the presence of E.coli, the District Office also instructed the Mobile Home Park to issue a Boil Water Notice starting in 2019.

The City of Santa Rosa, aware of the Water System's conditions, incorporated the Mobile Home Park in the City's Small Water System Consolidation Project, which aims to consolidate and provide service to nine small water systems within and adjacent to the City's service area. As the Mobile Home Park was just outside of the City's service area, the City in conjunction with the Division of Drinking Water's District Office, SAFER Engagement Unit, and Division of Financial Assistance rallied together to pursue an emergency connection in 2020 to ensure expedient supply of safe drinking water for the Mobile Home Park residents. The group, along with the Mobile Home Park and the

project's engineering consultants, NV5, met weekly to ensure progress on the project. Plans and specifications developed by NV5, were reviewed and approved by the City and Water Board's District Office in September 2020. Funding of the emergency connection was provided via the State Water Board's Urgent Drinking Water Needs fund, which the funding agreement was issued in April 2022.

Construction began in June 2022 to install a new 8" gate valve into the City's existing 12" main and piping from the gate valve into the Mobile Home Park property. The project also required the installation of a new water meter, backflow prevention device, conduction of a backflow prevention test, and finally disconnection of the existing sources at the Mobile Home Park. Construction was completed in early October 2022 including disconnection of the wells. The Water Board's District Office completed a site inspection on October 18, 2022 to verify the emergency connection status and determined the Mobile Home Park to no longer be a public water system. Since then, El Crystal Mobile Home park has been receiving drinking water from the City through a master meter connection.