

GRRCD PIT Antenna Operations and Maintenance

Organization: Gold Ridge Resource Conservation District

Project Period: January 2023 – June 2024

Amount: \$21,635.97

Location: Atascadero Creek

Project Description: Operate and maintain existing passive integrated transponder (PIT) tag antenna arrays at two sites in the Atascadero Creek watershed and establish and operate a third antenna array using equipment already acquired. PIT tag data on coho salmon presence and movement will be provided to California Sea Grant for analysis and will support the Gold Ridge Resource Conservation District's habitat restoration efforts in the watershed, as well as coho salmon recovery in the larger Russian River watershed.

Project Progress: PIT antenna operations at two locations in the Atascadero Creek watershed have been going as planned, and RCD staff have downloaded data and submitted it to the Russian River Coho Monitoring Program database for analysis. GRRCD has not yet installed the third antenna but have started the process of identifying a location.



Photo 1: The two antennas at the lower Atascadero Creek site, looking upstream.



Photo 2: The Atascadero equipment platform during high water in the spring of 2023.



Photo 3: Antennas at the Jonive Creek site.



Photo 4: The Jonive Creek equipment platform.