# COUNTY OF HUMBOLDT

**For the meeting of:** 3/20/2025

**File #:** 25-421

**To:** Planning Commission

**From:** Planning and Building Department

**Agenda Section:** Consent

SUBJECT:
California Trout, Inc. Cannibal Island Restoration Project Conditional Use Permit
Assessor Parcel Numbers (APN): Portion of 310-021-003, 310-021-004, 310-033-004, 310-043-001, 310-043-003, 310-043-004, 310-043-005, 310-043-006, and 310-051-001
Record No.: PLN-2023-18855
Loleta area

Conditional Use Permit application for major restoration of Cannibal Island and the surrounding area in the Eel River estuary. Project components will include: removal of an abandoned two-story residential structure; deepening 5,000 linear feet of existing dikes and removal of failed culverts that currently separate full- and muted-tidal areas; reconnection of full tidal exchange to approximately 500 acres of former tidal marsh habitat and construction of inter-tidal lagoons with tidal marsh ridges and inter-tidal channels to create diverse tidal habitats, inset channel rock grade control will be placed along a 20-foot section of channel at the existing road cross along Senestraro Lane to provide passive management of the tidal prism; construction of a new earthen setback levee approximately 6,000 linear feet long, equipped with up to two gated culverts to separate tidal wetlands from agricultural lands; elevation of the existing road for approximately 2,500 feet and installation of up to four gated culverts; relocation of approximately 200,000 cubic yards of excavated sediment, to be reused within the project area; treatment and removal of Dense-flowered cordgrass; improvement of public access and visitor experience; and all post-construction management to maintain project objectives. The project will require a Coastal Development Permit from the California Coastal Commission.

RECOMMENDATION(S):
That the Planning Commission:

Continue the California Trout, Inc. Cannibal Island Restoration Project Conditional Use Permit to a date uncertain.