

Field Note

Cottrell Pond Sampling of Aquatic Organisms Portland Water Bureau

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Purpose: Determine what aquatic organisms (animal) are present in the Cottrell Pond. The pond is to be removed in 2026 to reestablish a free-flowing stream channel and restore the area to a “Good Corridor” condition. Presence data for aquatic organisms will support permitting of the project.

Methods: Three seine net sets were performed. A 75-foot x 15-foot seine net was used, weighted on the bottom and floated at the top. Net was deployed from the shore out into the middle of the pond and back to shore using an inflatable raft. Personnel then pulled the net to shore, with the lower edge leading. A person in the raft assisted with getting the net past debris on the pond bottom. The maximum depth of the pond was ~6 feet. Organisms were picked from the net belly at the shore, which was kept submerged or wetted. Captured organisms were identified to genus or species if possible. Captures were returned to the pond upon counting.

Results:

Species/Genus	Total
Rough-skinned Newt (<i>Taricha granulosa</i>)	71
Sculpin (<i>Cottus</i> spp.)	52
Bull Frog Adults (<i>Lithobates catesbeianus</i>)	2
Bull Frog Tadpoles (<i>Lithobates catesbeianus</i>)	246
Coastal Giant Salamander (<i>Dicamptodon tenebrosus</i>)	2



Photo 1: Deploying seine net



Photo 2: Identifying and counting captured organisms



Photo 3: Two captured Coastal Giant Salamanders