

Alaska Department of Fish and Game

Habitat Section
Southeast Region



East Port Frederick Uncataloged Stream

ADDITION

Water body name:

Survey date: 8/23/2022

Quad: Juneau A-5

Species & Lifestage:

Upper Reach Latitude: 58.051000 **Longitude:** -135.543943

Survey crew: FC, RR

Lower Reach Latitude: 58.050571 **Longitude:** -135.546801

Findings: We surveyed this uncataloged stream using a backpack electrofisher and GPS and captured juvenile coho salmon. The stream descends a slight hillside and flows through a gravel stream into the intertidal (Table 1; Figures 1, 2).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 3).

Nomination: Pending

Table 1.—Uncataloged stream survey data.

| Waypoint | Latitude | Longitude | Notes | Stream Width ft | Stream Substrate | Habitat Features | Gradient % | Sample Effort | Sample Results |
|----------|-----------|-------------|--|-----------------|------------------------------|--------------------|------------|---------------|----------------|
| 1466 | 58.050978 | -135.543949 | Start of survey on small stream trickling out over intertidal zone. Rotted adult chum carcass at outlet. 2 shellfish rearing bags with attached floats in stream near outlet from adjacent oyster farming operation. Several small pools past tree line comprising good rearing habitat. 1-yr CO capture at waypoint. Series of rootwad falls upstream of CO capture that may preclude fish passage dependent on flow. Advancing upstream. | 4-6 | Small Gravel Large Gravel | Spawning Substrate | 2-4 | EF | 2 CO |
| 1467 | 58.050988 | -135.543817 | No fish capture. Gradient increases upstream and channel becomes incised. | 2-4 | Small Gravel Large Gravel | | 4-6 | EF | No Fish |



Figure 1.—Juvenile coho salmon captured at waypoint 1466.



Figure 2.—Channel at waypoint 1466.

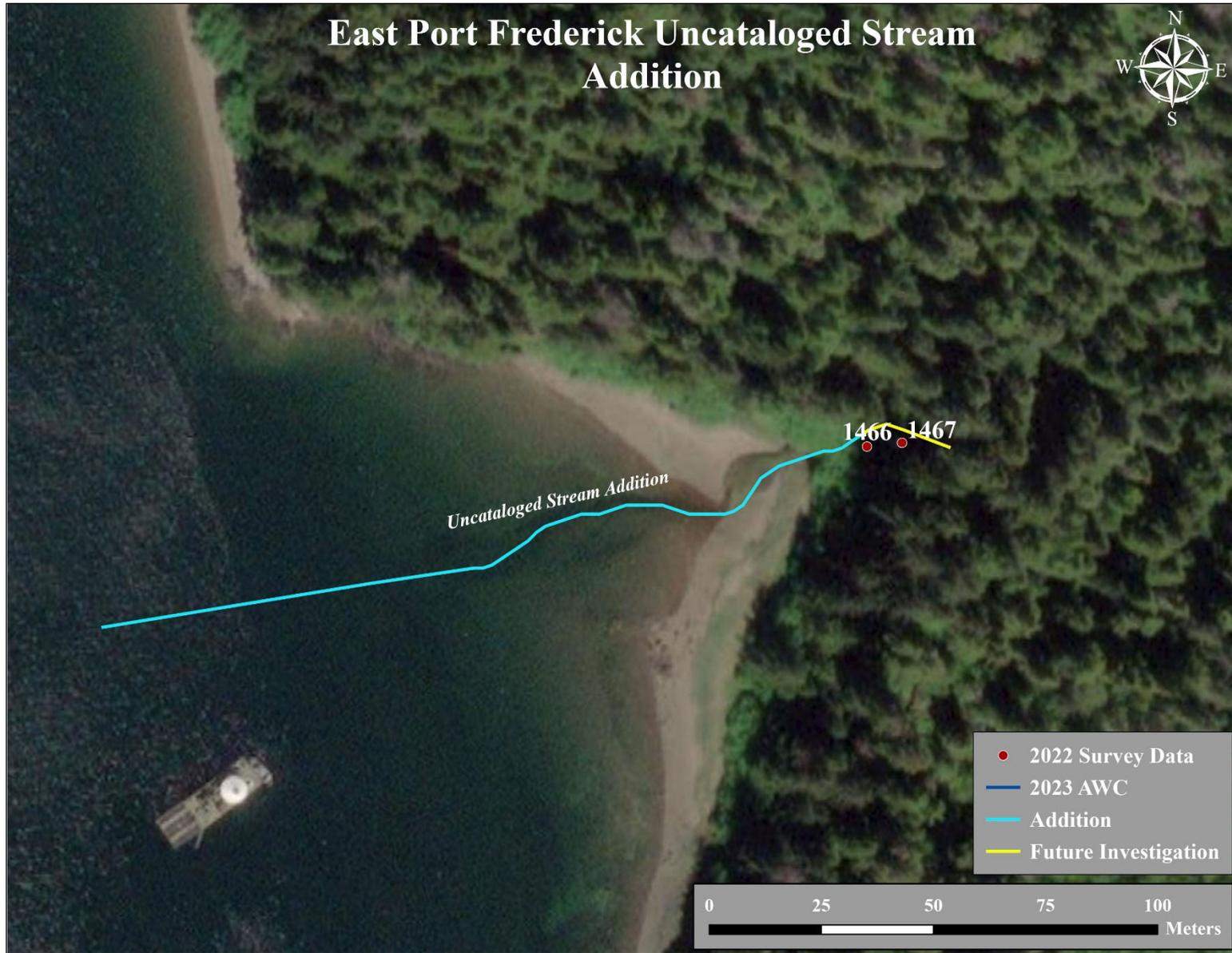


Figure 3.—Uncataloged stream addition map.