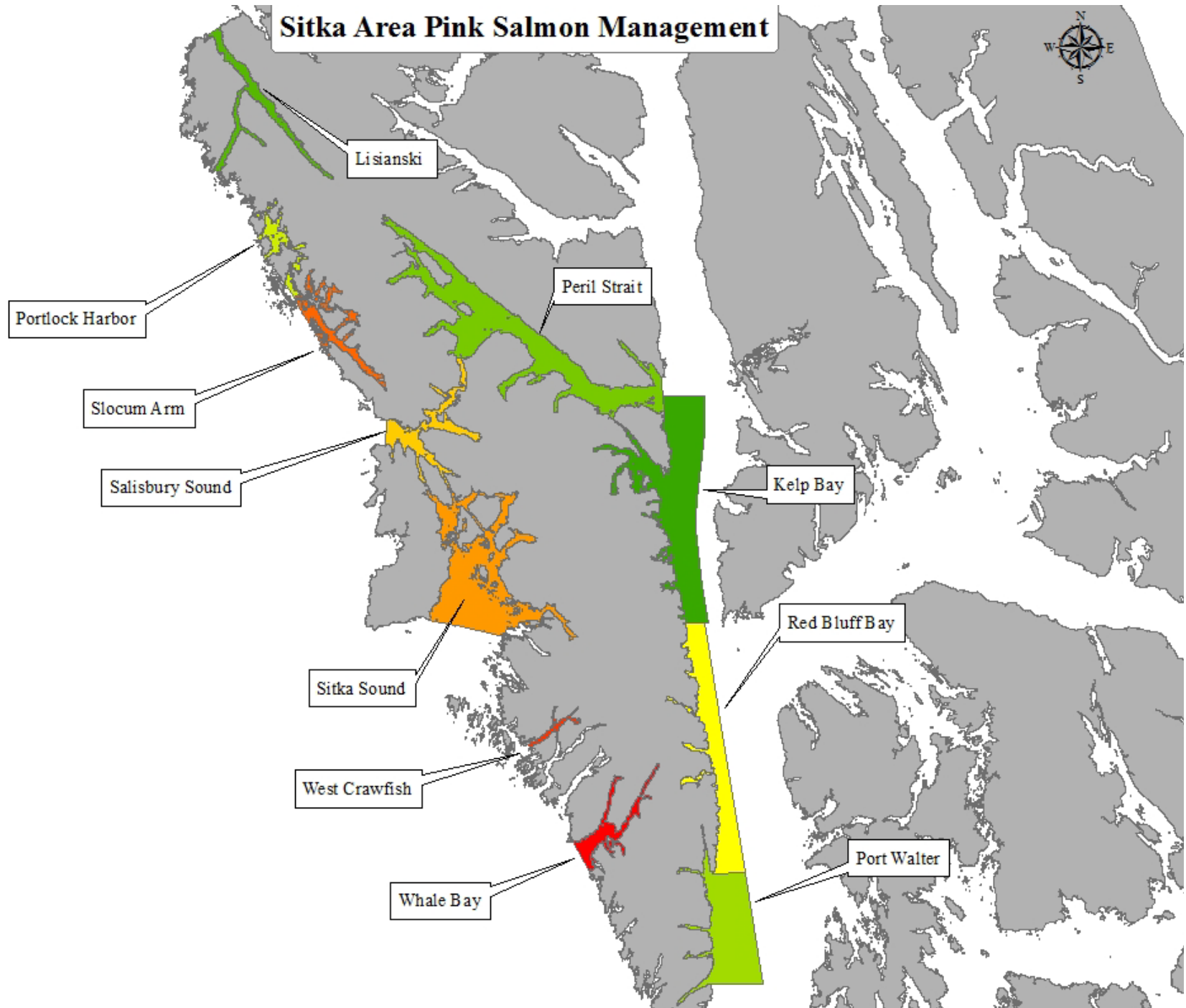


2022 Sitka Management Area Salmon Seine Summary

Aaron Dupuis
Area Management Biologist

Sitka Area Pink Salmon Management



2020 Sitka Management Area pink salmon summary

Lisianski
 Harvest - Not opened; 10-yr average - 892,000
 Peak escapement est. - 118,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 1,000; 10-yr average - 448,000
 Peak escapement est. - 197,000
 Escapement range: 40,000-130,000

Peril Strait
 Harvest - Not opened; 10-yr average - 332,000
 Peak escapement est. - 442,000
 Escapement range: 320,000-760,000

Slocum Arm
 Harvest - 71,000; 10-yr average - 1,338,000
 Peak escapement est. - 396,000
 Escapement range: 160,000-520,000

Kelp Bay
 Harvest - Not opened; 10-yr average - 249,000
 Peak escapement est. - 66,000
 Escapement range: 60,000-140,000

Salisbury Sound
 Harvest - 111,000; 10-yr average - 426,000
 Peak escapement est. - 408,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 159,000; 10-yr average - 526,000
 Peak escapement est. - 495,000
 Escapement range: 210,000-700,000

Red Bluff Bay
 Harvest - Not opened; 10-yr average - 222,000
 Peak escapement est. - 66,000
 Escapement range: 90,000-210,000

West Crawfish Inlet
 Harvest - 3,000; 10-yr average - 50,000
 Peak escapement est. - 63,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - 3,000; 10-yr average - 19,000
 Peak escapement est. - 88,000
 Escapement range: 40,000-150,000

Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 49,000
 Escapement range: 70,000-160,000



Sitka stock groups
 Pink salmon index goal

- Above Range
- Below Range
- Within Range

0 5 10 20 Miles



2022 Sitka Management Area pink salmon summary

Lisianski
 Harvest - Not opened; 10-yr average - 884,000
 Peak escapement est. - 63,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - None reported; 10-yr average - 385,000
 Peak escapement est. - 142,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 192,000; 10-yr average - 1,054,000
 Peak escapement est. - 238,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 126,000; 10-yr average - 640,000
 Peak escapement est. - 188,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 234,000; 10-yr average - 594,000
 Peak escapement est. - 407,000
 Escapement range: 210,000-700,000

Peril Strait
 Harvest - 50,000; 10-yr average - 167,000
 Peak escapement est. - 394,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest (112-11) - 112,000; 10-yr average - 91,000
 Peak escapement est. - 50,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - Not opened; 10-yr average - 129,000
 Peak escapement est. - 26,000
 Escapement range: 90,000-210,000

West Crawfish Inlet
 Harvest - Not opened; 10-yr average - 49,000
 Peak escapement est. - 22,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - Not opened; 10-yr average - 19,000
 Peak escapement est. - 29,000
 Escapement range: 40,000-150,000

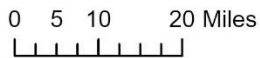
Southeast Baranof
 Harvest - Not opened; 10-yr average - 10,000
 Peak escapement est. - 32,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



Sitka Management Area pink salmon run comparison 2022 vs 2020

Lisianski
2022 - 63,000 pinks
2020 - 118,000 pinks

Portlock Harbor
2022 - 142,000 pinks
2020 - 198,000 pinks

Slocum Arm
2022 - 431,000 pinks
2020 - 467,000 pinks

Salisbury Sound
2022 - 314,000 pinks
2020 - 519,000 pinks

Sitka Sound
2022 - 641,000 pinks
2020 - 655,000 pinks

West Crawfish
2022 - 22,000 pinks
2020 - 66,000 pinks

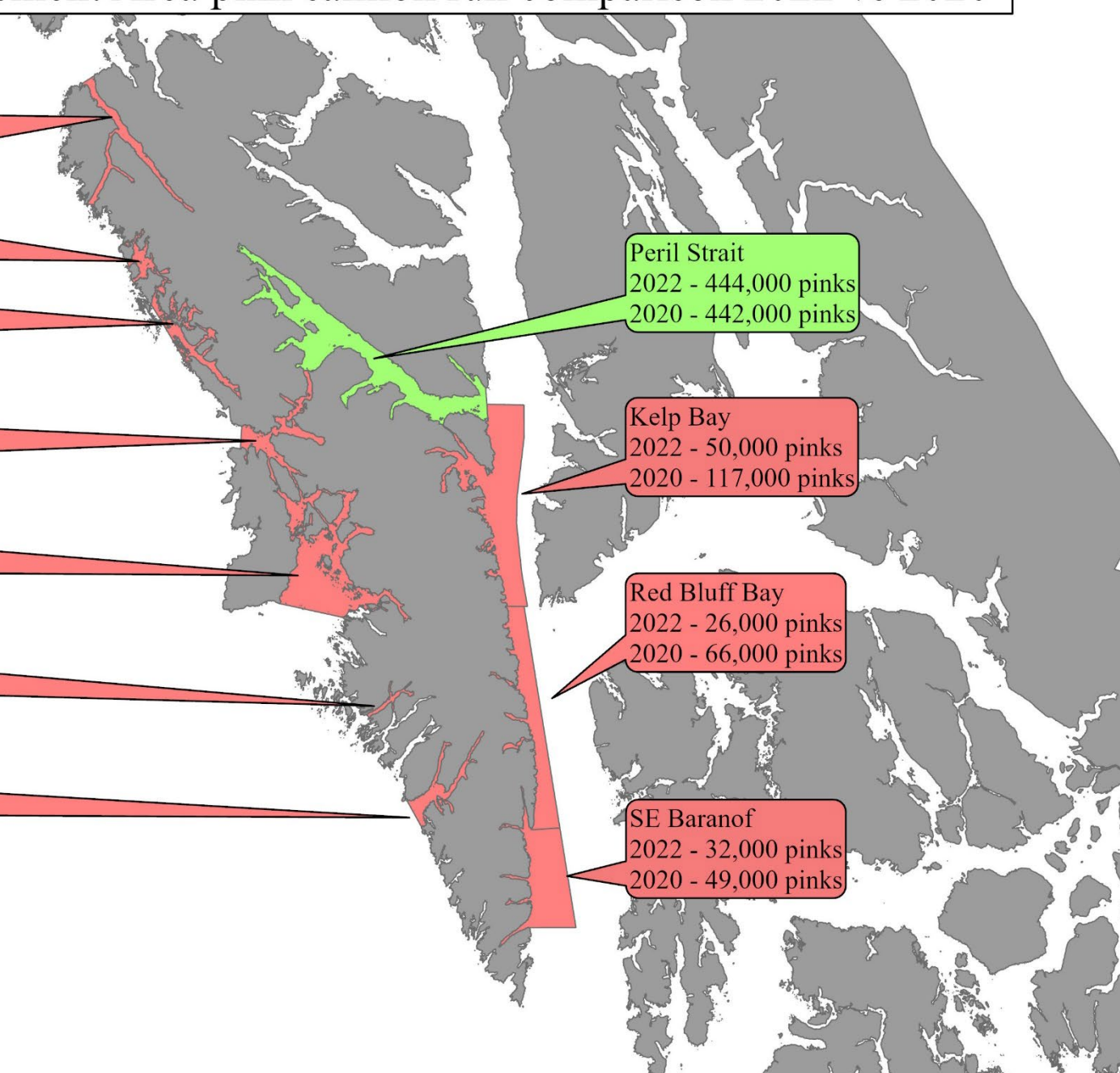
Whale Bay
2022 - 29,000 pinks
2020 - 89,000 pinks

Peril Strait
2022 - 444,000 pinks
2020 - 442,000 pinks

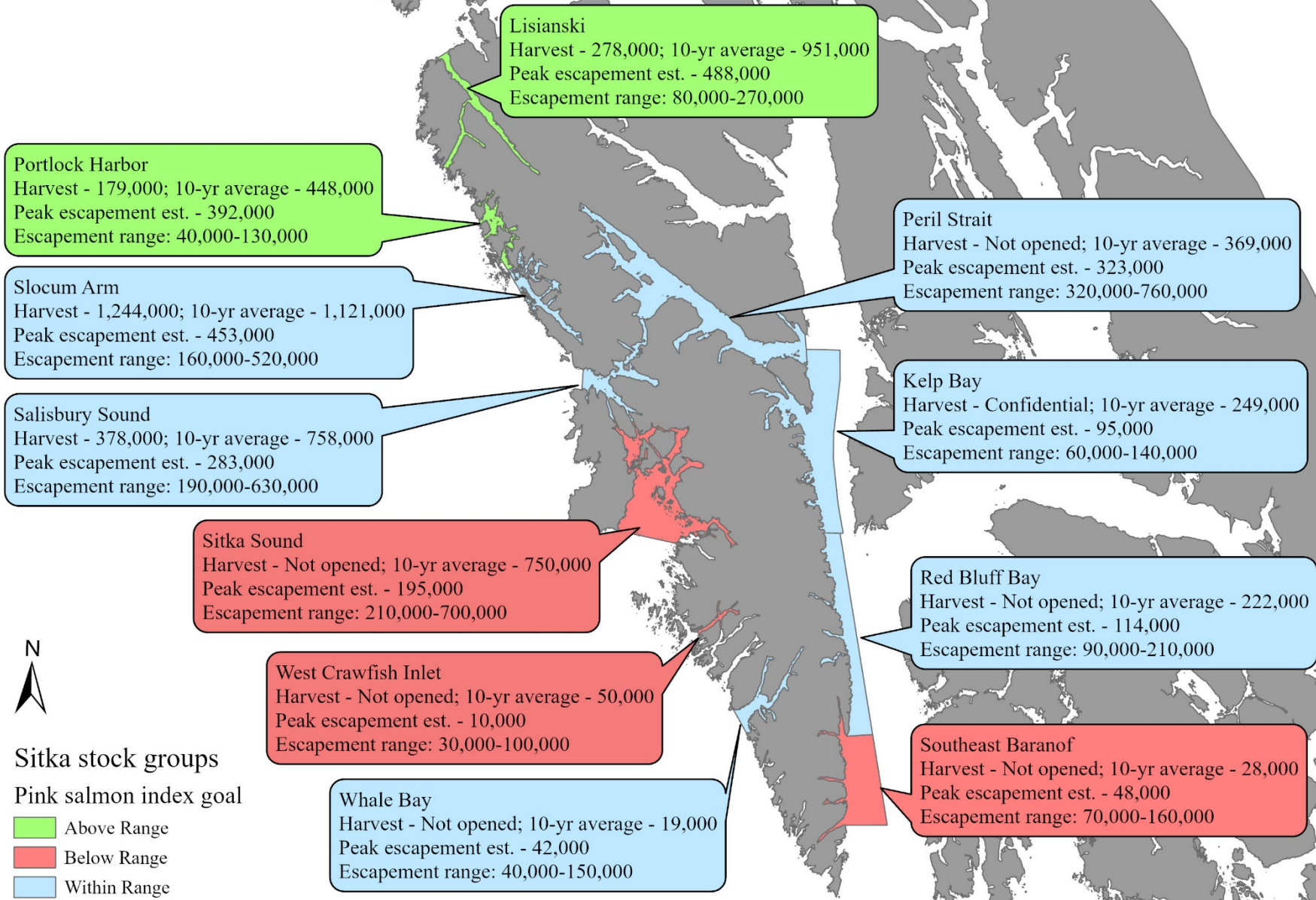
Kelp Bay
2022 - 50,000 pinks
2020 - 117,000 pinks

Red Bluff Bay
2022 - 26,000 pinks
2020 - 66,000 pinks

SE Baranof
2022 - 32,000 pinks
2020 - 49,000 pinks



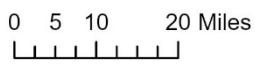
2021 Sitka Management Area pink salmon summary



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



2022 chum salmon

- Monitored wild chum salmon runs performed better than expected within the Sitka Management Area in 2022.
- Peak chum salmon escapements were below management target for Northern SE Outside area and within the target for Northern SE Inside area.
- There were no seine openings in the Sitka Management Area to target wild chum salmon in 2022.

2022 chum salmon: West Crawfish Inlet

- Cost recovery fishery in West Crawfish was able to control chum salmon build up.
- No common property openings occurred in 2022.
- Otolith sampling in August showed a high proportion of hatchery fish in the head stream.
- Few chum salmon were present in W. Crawfish Inlet chum salmon index stream in September.

Questions?