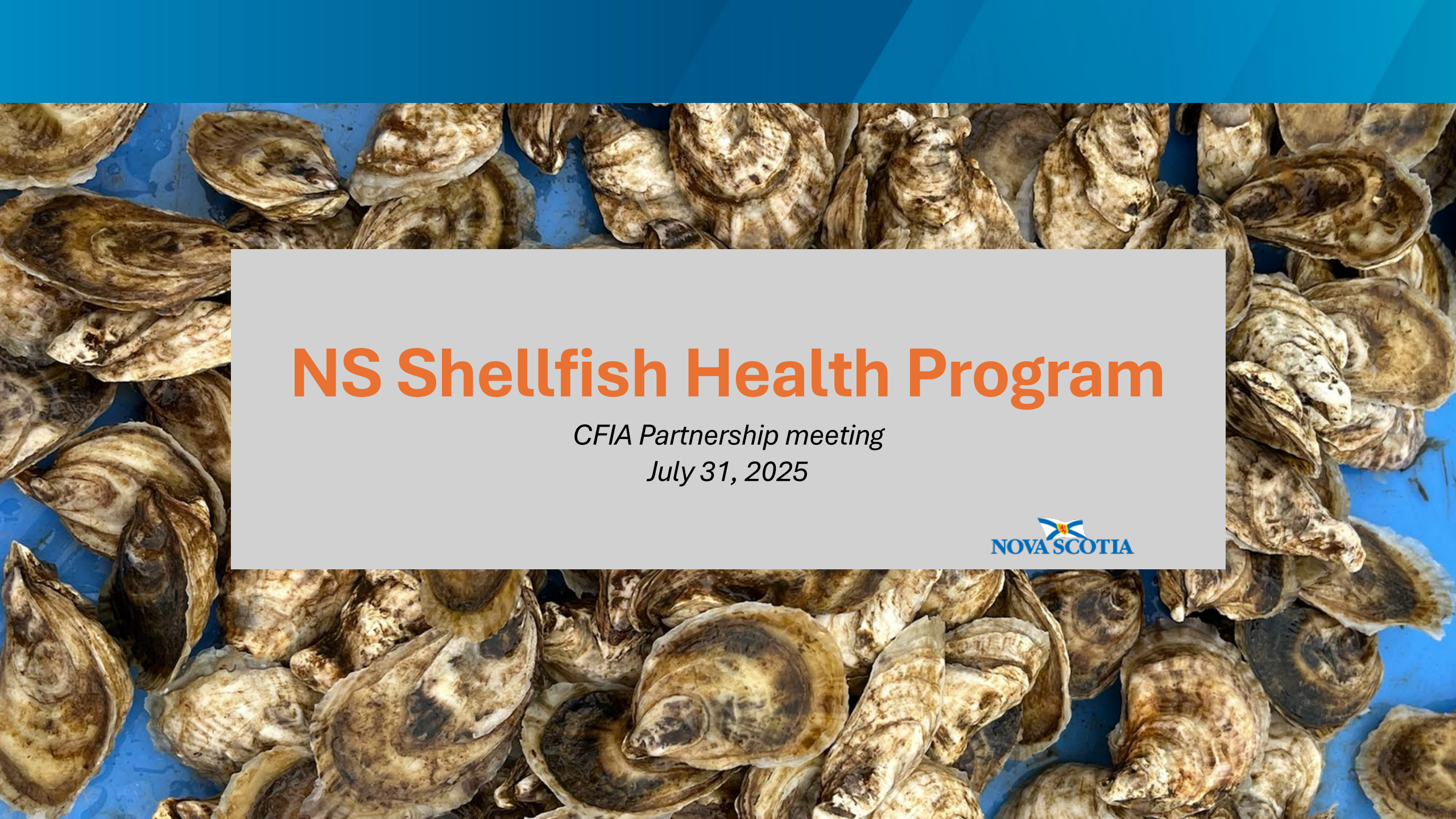


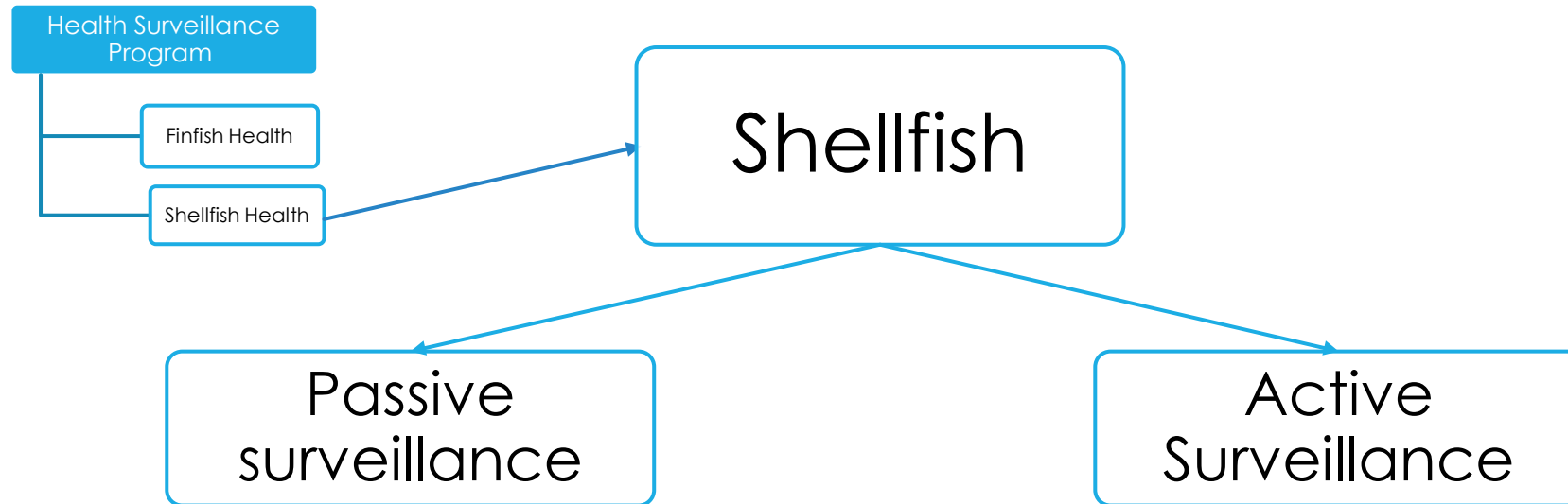
The background of the slide is a close-up photograph of numerous oysters. The oysters are piled together, showing their characteristic rough, textured shells in shades of brown, tan, and grey. They are resting on a bright blue surface, which is visible at the top and bottom edges of the frame. A semi-transparent white rectangular box is centered over the middle of the image, containing the title and meeting information.

NS Shellfish Health Program

*CFIA Partnership meeting
July 31, 2025*



Shellfish Health Program Components



- Mandatory reporting of mortality & pathogens
- Responsive to health concerns

- Annual surveillance
- Risk based approach

NS **Active** Shellfish Health Surveillance Goals

3



Gain a comprehensive understanding of shellfish health in Nova Scotia by sampling leases in all major shellfish cultivating areas in Nova Scotia



Prioritized sampling in areas identified as having more risk



Goal: to support shellfish industry through health management

Surveillance Prioritization



Active oyster aquaculture areas



Transfers (I&T)



Relay movement



Leases reporting losses in past



Pathogen status or proximity to positive areas



Recent cases & time since last visitation



Leases with plans to export to the EU

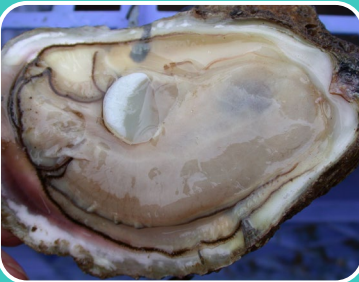
Surveillance activities

5



1. Veterinary Site visitation

- Site History
- General health observation of shellfish on site
- Water parameter monitoring
- Random sampling of shellfish on site (~ 60 individuals)



2. Necropsy

- General appearance (Healthy/Full vs Watery)
- Examine for abnormalities (shell and tissues)



3. Diagnostics

- Histopathology: General health at tissue level (Atlantic Veterinary College)
- PCR: MSX, SSO and Dermo (Research Productivity Council NB)

Shellfish health surveillance activities

6

2025 &
Future

- Continue active & passive shellfish health surveillance in spring - fall seasons
- Prioritization of surveillance based on risk and activity assessment
- Health testing to help inform/support transfer applications

Communication of Shellfish activities



Shellfish Health Concerns



Plans for transfers, relay, wild fishery activity

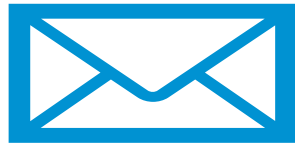


Seed sourcing plans or challenges

Questions?



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