

Situk River Chinook Salmon Rehabilitation

Strategic Plan | YRAA Board of Directors

Recommended direction and next steps



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Situk River Chinook Salmon Rehabilitation Strategic Plan

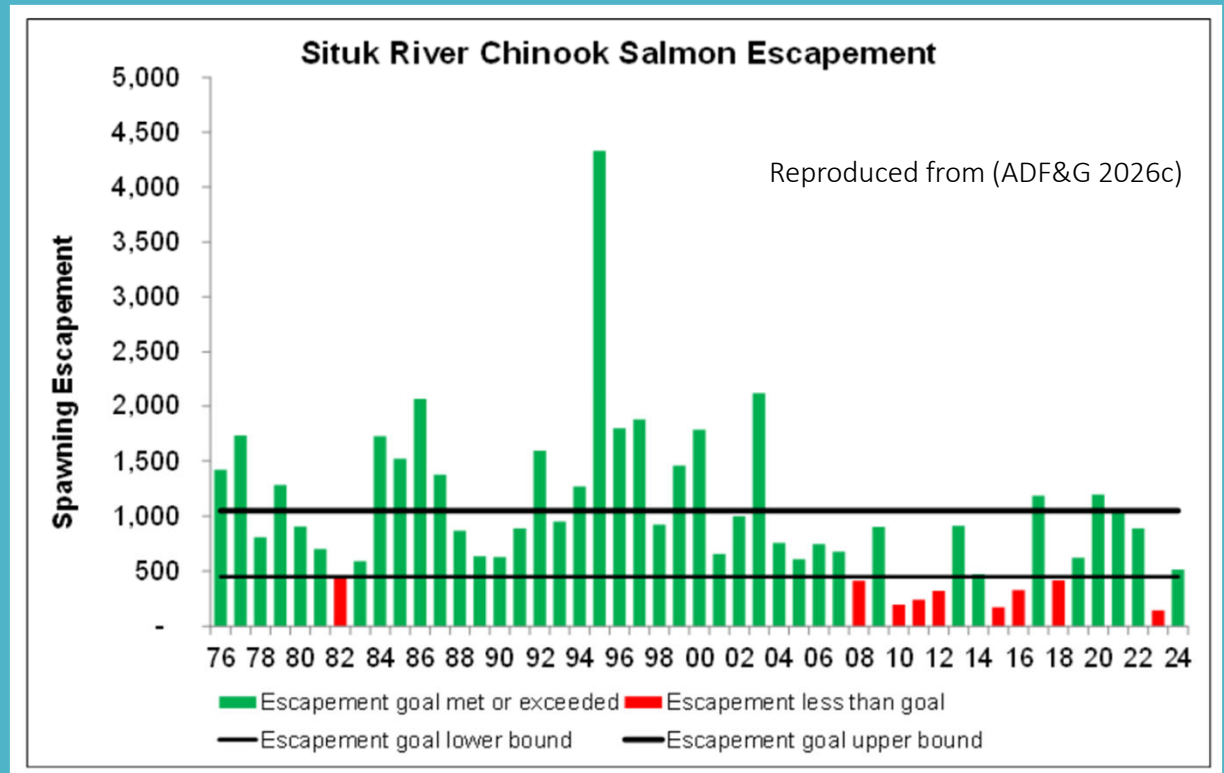
Why the Situk Chinook run needs attention

biological escapement goal range

450–1,050

2026 preliminary large Chinook count

219



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Recent shortfalls limit dependable spawning escapement and can constrain subsistence, sport, and commercial fishing opportunities.

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The recommended concept

Situk broodstock

First-generation eggs incubated under controlled conditions

Unfed fry released near the natural emergence period

Accessible in-town facility for monitoring and response



Concept illustration from the strategic plan



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Begin with a limited feasibility study



Test the full cycle

Egg collection, incubation, thermal otolith marking and fry release

Measure survival, fish health, system performance and actual costs

Set the first egg number with ADF&G



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Route to an initial egg collection

1 Confirm agency pathway

Discuss the plan with ADF&G and other applicable agencies

2 Define the study and site

Set initial scale, monitoring requirements and an in-town location

3 Develop the funding plan

Price site work, equipment, operations and contingencies

4 Permit and prepare

Complete design, approvals, commissioning and staff training

August 2027: target only if permits, funding, site and readiness align



Possible scope of UAG support

- | | |
|-------------------------------------|---|
| 1 Agency coordination | Facilitate ADF&G review and confirm the permit pathway |
| 2 Feasibility study plan | Develop study objectives, methods and permit application materials |
| 3 Facility concept and costs | Assess an in-town site; refine the system concept and cost estimate |
| 4 Implementation support | Assist with procurement, commissioning, procedures and training |



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YRAA priorities will define the initial scope, schedule and budget

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Board direction

Does YRAA support advancing the recommended concept?

Authorize preliminary agency coordination and feasibility planning

Identify a YRAA project representative and review milestones

Consider a separate UAG scope for project management and technical support



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