

Cook Inlet Stock Assessment

FY2020 Request: \$2,000,000

Reference No: 62549

AP/AL: Appropriation

Project Type: Research / Studies / Planning

Category: Natural Resources

Location: Cook Inlet

House District: Homer/South Kenai (HD 31)

Impact House District: Homer/South Kenai (HD 31)

Contact: Scott Kelley

Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-6100

Brief Summary and Statement of Need:

There is a need for increased information on salmon stocks bound for the Susitna River and Kenai River drainages to improve management of the commercial, sport, personal use, and subsistence fisheries that harvest these stocks. This information is needed to ensure these fish are being managed in the best interest of the economy and the well being of the people of the state, consistent with the sustained yield principle. Without these stock assessment projects, the department's ability to maximize use of the resource while at the same time protecting the long-term sustainability of these salmon is diminished.

| Funding: | <u>FY2020</u> | <u>FY2021</u> | <u>FY2022</u> | <u>FY2023</u> | <u>FY2024</u> | <u>FY2025</u> | <u>Total</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| 1004 Gen Fund | \$2,000,000 | | | | | | \$2,000,000 |
| Total: | \$2,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 |

| | | | | |
|---|---|---------------------------------------|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Project Description/Justification:

The projects proposed for funding are collaborative between the divisions of Commercial Fisheries and Sport Fish in order to generate needed information to better inform managers responsible for the respective fisheries. The following proposed projects will provide a combination of spawning distribution, Estimate run-timing, identify genetic population structure, coded wire tag, and harvest estimates for coho and sockeye salmon and tanner crab. These projects will occur in the kenai river drainage, kenai river tributary and mainstream, Susitna and Yentna mainstream rivers, Susitna drainage, Upper Cook Inlet, Central, and Lower Cook Inlet.

1. Kenai River Coho Salmon
2. Susitna River Drainage Coho Salmon

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- 3. Susitna River Sockeye Genetic Mark/Recapture Assessment
- 4. Upper Cook Inlet Offshore Test Fishery Extension
- 5. Kachemak Bay Tanner Crab Trawl Survey

| Line Item | Amount |
|--------------------------|--------------------|
| 1000 - Personal Services | \$1,043,800 |
| 2000 - Travel | \$4,000 |
| 3000 - Contractual | \$544,600 |
| 4000 - Commodities | \$407,600 |
| 5000 - Capital Outlay | |
| 7000 - Grants | |
| Total Request | \$2,000,000 |