

13.08.01 June 99 (2af2)

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax: 907/276-7178



MEMORANDUM

TO: Molly McCammon

FROM: 
Traci Cramer
Administrative Officer

DATE: June 14, 1999

RE: Cash Flow Explanation

This explanation has been developed for the cash flow statement and supporting schedules dated June 14, 1999. The changes incorporated include the following.

1. The May 31, 1999 ending balance reconciles with the CRIS Liquidity Account balance for the same period.
2. The funding associated with the Archaeological Project has been moved from May 1999 to August 1999.
3. The 1998 Restoration Payment has been moved from March 1999 to June 1999.
4. The small parcel assumptions have been updated.

The statement contains the following assumptions.

- Science Management, Public Involvement & Administration

| | | |
|----------|---------|------|
| FFY 2000 | 2,100.0 | 9/99 |
| FFY 2001 | 1,500.0 | 9/00 |
| FFY 2002 | 1,500.0 | 9/01 |
- Research, Monitoring and General Restoration

| | | |
|----------|---------|------|
| FFY 2000 | 9,000.0 | 9/99 |
| FFY 2001 | 8,000.0 | 9/00 |
| FFY 2002 | 7,000.0 | 9/01 |

- Large Parcel Acquisitions

- FFY 1999

| | | |
|--------------------------------|----------|------|
| Kodiak Island Borough (Shuyak) | 4,000.0 | 9/99 |
| Afognak Joint Ventures | 22,358.0 | 9/99 |
| Eyak Corporation | 14,100.0 | 9/99 |

- FFY 2000

| | | |
|--------------------------------|----------|------|
| Kodiak Island Borough (Shuyak) | 4,000.0 | 9/00 |
| Afognak Joint Ventures | 23,025.8 | 9/00 |
| Eyak Corporation | 5,000.0 | 9/00 |

- FFY 2001

| | | |
|---------------------------------|----------|-------|
| Koniag, Incorporated (Phase II) | 16,500.0 | 12/00 |
| Kodiak Island Borough (Shuyak) | 4,000.0 | 9/01 |
| Eyak Corporation | 6,000.0 | 9/01 |

- FFY 2002

| | | |
|--------------------------------|----------|------|
| Kodiak Island Borough (Shuyak) | 11,805.7 | 9/02 |
| Eyak Corporation | 7,000.0 | 9/02 |

- Small Parcel Acquisitions

- FFY 1999

| | | |
|--|---------|------|
| R. Christensen Parcel | 13.0 | 7/99 |
| D. Naumoff | 16.0 | 7/99 |
| D. Ester | 18.0 | 7/99 |
| M. Christensen | 13.0 | 7/99 |
| Tatitlek Home Sites | 205.6 | 7/99 |
| Kodiak Island Borough | 12.0 | 8/99 |
| Christiansen | 72.0 | 8/99 |
| Seven Tax Parcels | 102.0 | 8/99 |
| Baycrest/Stariski Creek | 500.0 | 8/99 |
| Termination Point | 1,865.0 | 8/99 |
| Blondeau | 626.8 | 8/99 |
| Larsen Bay 10-Acre Parcels | 632.0 | 9/99 |
| Sitkalidak Strait/Three Saints Bay Parcels | 35.7 | 9/99 |
| Kodiak Island Tax Parcels | 253.0 | 9/99 |
| Duck Flats/Jack Bay | 1,000.0 | 9/99 |

- Habitat Protection Associated Costs

| | | |
|----------|---------|------|
| FFY 2000 | 300,000 | 9/99 |
| FFY 2001 | 200,000 | 9/00 |
| FFY 2002 | 0 | |

- Special Projects

- FFY 1999

| | | |
|------------------------------------|---------|------|
| Archaeological Repository/Exhibits | 2,800.0 | 8/99 |
| Archaeological (GA/Project Mgt) | 100.0 | 8/99 |

FFY 2000

Reduction of Marine Pollution

800.0

12/99

Miscellaneous

500.0

3/00

- Reserve Payments

FFY 1998

13,025.0

6/99

FFY 1999

12,600.0

9/99

FFY 2000

12,600.0

9/00

FFY 2001

12,600.0

9/01

FFY 2002

12,000.0

10/01

Attachments

[=T
EVOS Month 1 Flow Estimate
Stated in Thousands

| | | | | | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| FFY 1999 | | | | | | | | | | | | | | |
| Beginning Balance | 67,846.1 | 38,552.1 | 38,722.1 | 38,696.9 | 23,723.0 | 23,789.5 | 23,853.7 | 23,917.3 | 23,846.2 | 17,165.9 | 14,043.4 | 11,287.9 | | |
| Item | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Total | |
| FY Increases & Other Authorization | | | | | | | | | | | | | 0.0 | |
| Administration, SRB & Public Info. | | | | | | | | | | | | 2,100.0 | 2,100.0 | |
| FY General Restoration-Monitor & Research | | | | 1,283.0 | | | | | | | | 9,000.0 | 10,283.0 | |
| Habitat Protection Down Payments | 28,000.0 | | | 7,000.0 | | | | | | | | | 35,000.0 | |
| Large Parcel Payments | 750.0 | | | 6,000.0 | | | | | | | | 40,458.0 | 47,208.0 | |
| Small Parcel Acquisitions | 770.0 | | | | | | | 156.3 | 265.6 | 3,177.8 | | 1,920.7 | 6,290.4 | |
| Habitat Protection Associated Costs | | | | | | | | | | | | 300.0 | 300.0 | |
| Special Projects | | | | 781.3 | | | | | | | 2,800.0 | 100.0 | 3,681.3 | |
| Restoration Reserve Contribution | | | | | | | | | 13,025.0 | | | 12,600.0 | 25,625.0 | |
| CRIS Management Fees | 18.3 | 15.2 | 127.4 | 9.6 | 6.8 | 6.7 | 4.9 | 4.2 | 3.6 | 2.9 | 2.3 | 2.4 | 204.3 | |
| Exxon Payment after Reimbursements | | | | | | | | | | | | 66,250.0 | 66,250.0 | |
| Gross Interest (estimate) | 244.3 | 185.2 | 102.2 | 100.0 | 73.3 | 70.9 | 68.5 | 89.4 | 71.2 | 58.3 | 46.8 | 48.1 | 1,158.3 | |
| Interest/Lapse (estimate) | | | | | | | | | 6,542.6 | | | 490.8 | 7,033.4 | 99 lapse |
| Ending Balance | 38,552.1 | 38,722.1 | 38,696.9 | 23,723.0 | 23,789.5 | 23,853.7 | 23,917.3 | 23,846.2 | 17,165.9 | 14,043.4 | 11,287.9 | 11,595.8 | | |
| Restoration Reserve | ok | 9,111.3 | 9,420.4 | 9,448.8 | 9,471.2 | 9,532.7 | 9,569.6 | 9,622.1 | | | | | | |
| CRIS Total | | 47,833.4 | 48,117.3 | 33,171.8 | 33,260.7 | 33,386.4 | 33,486.9 | 33,468.3 | | | | | | |
| FFY 2000 | | | | | | | | | | | | | | |
| Beginning Balance | 11,595.8 | 11,641.7 | 11,687.7 | 10,930.8 | 10,974.1 | 11,017.5 | 10,559.2 | 10,601.0 | 10,642.9 | 10,685.1 | 10,727.4 | 10,769.8 | | |
| Item | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Total | |
| FY Increases & Other Authorization | | | | | | | | | | | | | 0.0 | |
| Administration, SRB & Public Info. | | | | | | | | | | | | 1,500.0 | 1,500.0 | |
| FY General Restoration-Monitor & Research | | | | | | | | | | | | 8,000.0 | 8,000.0 | |
| Habitat Protection Down Payments | | | | | | | | | | | | | 0.0 | |
| Large Parcel Payments | | | | | | | | | | | | 32,025.8 | 32,025.8 | |
| Small Parcel Acquisitions | | | | | | | | | | | | | 0.0 | |
| Habitat Protection Associated Costs | | | | | | | | | | | | 200.0 | 200.0 | |
| Special Projects | | | 800.0 | | | 500.0 | | | | | | | 1,300.0 | |
| Restoration Reserve Contribution | | | | | | | | | | | | 12,600.0 | 12,600.0 | |
| CRIS Management Fees | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 4.8 | 29.7 | |
| Exxon Payment after Reimbursements | | | | | | | | | | | | 66,250.0 | 66,250.0 | |
| Gross Interest (estimate) | 48.3 | 48.5 | 45.4 | 45.5 | 45.7 | 43.8 | 44.0 | 44.2 | 44.3 | 44.5 | 44.7 | 96.0 | 595.0 | |
| Interest/Lapse (estimate) | | | | | | | | | | | | 342.0 | 342.0 | 00 lapse |
| Ending Balance | 11,641.7 | 11,687.7 | 10,930.8 | 10,974.1 | 11,017.5 | 10,559.2 | 10,601.0 | 10,642.9 | 10,685.1 | 10,727.4 | 10,769.8 | 23,127.2 | | |

I FT
EVOS Month h Flow Estimate
Stated in Thousands

| | | | | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|
| FFY 2001 | | | | | | | | | | | | | |
| Beginning Balance | 23,127.2 | 23,218.8 | 23,310.7 | 6,837.6 | 6,864.7 | 6,891.9 | 6,919.1 | 6,946.5 | 6,974.0 | 7,001.6 | 7,029.3 | 7,057.2 | |
| Item | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Total |
| FY Increases & Other Authorization | | | | | | | | | | | | | 0.0 |
| Administration, SRB & Public Info. | | | | | | | | | | | | 1,500.0 | 1,500.0 |
| FY General Restoration-Monitor & Research | | | | | | | | | | | | 7,000.0 | 7,000.0 |
| Habitat Protection Down Payments | | | | | | | | | | | | | 0.0 |
| Large Parcel Payments | | | 16,500.0 | | | | | | | | | 10,000.0 | 26,500.0 |
| Small Parcel Acquisitions | | | | | | | | | | | | | 0.0 |
| Habitat Protection Associated Costs | | | | | | | | | | | | | 0.0 |
| Special Projects | | | | | | | | | | | | | 0.0 |
| Restoration Reserve Contribution | | | | | | | | | | | | 12,600.0 | 12,600.0 |
| CRIS Management Fees | 4.8 | 4.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 8.9 | 31.5 |
| Exxon Payment after Reimbursements | | | | | | | | | | | | 66,250.0 | 66,250.0 |
| Gross Interest (estimate) | 96.4 | 96.7 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.1 | 29.2 | 29.3 | 177.1 | 629.6 |
| Interest/Lapse (estimate) | | | | | | | | | | | | 285.0 | 285.0 01 lapse |
| Ending Balance | 23,218.8 | 23,310.7 | 6,837.6 | 6,864.7 | 6,891.9 | 6,919.1 | 6,946.5 | 6,974.0 | 7,001.6 | 7,029.3 | 7,057.2 | 42,660.4 | |
| FFY 2002 | | | | | | | | | | | | | |
| Beginning Balance | 42,660.4 | 30,781.7 | 30,903.6 | 31,025.9 | 31,148.7 | 31,272.0 | 31,395.8 | 31,520.1 | 31,644.8 | 31,770.1 | 31,895.9 | 32,022.1 | |
| Item | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Total |
| FY Increases & Other Authorization | | | | | | | | | | | | | 0.0 |
| Administration, SRB & Public Info. | | | | | | | | | | | | | 0.0 |
| FY General Restoration-Monitor & Research | | | | | | | | | | | | | 0.0 |
| Habitat Protection Down Payments | | | | | | | | | | | | | 0.0 |
| Large Parcel Payments | | | | | | | | | | | | 18,805.7 | 18,805.7 |
| Small Parcel Acquisitions | | | | | | | | | | | | | 0.0 |
| Habitat Protection Associated Costs | | | | | | | | | | | | | 0.0 |
| Special Projects | | | | | | | | | | | | | 0.0 |
| Restoration Reserve Contribution | 12,000.0 | | | | | | | | | | | | 12,000.0 |
| CRIS Management Fees | 6.4 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 2.8 | 74.5 |
| Exxon Payment | | | | | | | | | | | | | 0.0 |
| Gross Interest (estimate) | 127.8 | 128.3 | 128.8 | 129.3 | 129.8 | 130.3 | 130.8 | 131.3 | 131.9 | 132.4 | 132.9 | 56.1 | 1,489.5 |
| Interest/Lapse (estimate) | | | | | | | | | | | | 255.0 | 255.0 02 lapse |
| Ending Balance | 30,781.7 | 30,903.6 | 31,025.9 | 31,148.7 | 31,272.0 | 31,395.8 | 31,520.1 | 31,644.8 | 31,770.1 | 31,895.9 | 32,022.1 | 13,524.7 | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 15, 1999

Patricia M Harris
NMFS/Auke Bay Lab
11305 Glacier Highway
Juneau, Alaska 99801-8626

Chris Brodersen
NMFS Auke Bay Laboratory
11305 Glacier Highway
Juneau, Alaska 99801-8626

RE: Project 00090 / Monitoring of Oiled Mussel Beds in Prince William Sound

Dear Ms. ^{Pat}Harris and Ms. ^{Chris}Brodersen:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00090/Monitoring of Oiled Mussel Beds in Prince William Sound contingent on approval of a reduced budget for the expected amount (\$58,000).

I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. In addition, a list of items which may help you prepare a revised budget is enclosed. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Federal Trustees

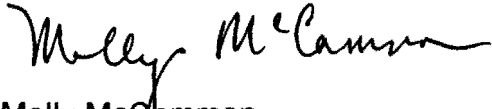
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

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Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|---|------------------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00090-CLO | Monitoring of Oiled Mussel Beds in Prince William Sound | P. Harris, C. Brodersen/NOAA | NOAA | Cont'd 2nd yr. 2 yr. project | \$64.0 | \$58.0 | \$0.0 | \$0.0 | \$58.0 |

Project Abstract

This project is assessing the recovery of 28 mussel beds in Prince William Sound that still had significant concentrations of oil when last sampled in 1995 or 1996. In FY 99, hydrocarbon concentrations are being measured in mussels, other invertebrates, and sediments and densities of mussels and other selected invertebrates are being monitored in these beds. Oiled sediments were replaced with clean sediments in 12 of the beds in 1994. Sampling in 16 beds that were not restored will document rates of natural recovery. In FY 00, the chemical analysis of samples collected in FY 99 will be completed and a final report prepared.

Chief Scientist's Recommendation

It is important to monitor hydrocarbon concentrations at oiled mussel beds, including those cleaned on an experimental basis. This work will be accomplished in FY 99, and the current proposal will analyze samples in the laboratory and prepare a final report. There is concern about insufficient sampling to determine within-bed variability in oil concentrations, and it is recommended that the number of within-bed replicates to be sampled in FY 99 be increased. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on approval of a reduced budget for the expected amount (\$58.0). This project is evaluating an experimental restoration technique used to clean mussel beds in FY 94. In FY 00, samples collected in FY 99 will be analyzed and a final report and two manuscripts will be prepared.

ITEMS CONSIDERED IN REVIEW OF FY 00 BUDGETS

1. Level of funding authorized in FY 99 and projection, at that time, of FY 00 budget. Items budgeted for FY 99 but not implemented should not be funded again in FY 00 unless the proposer can verify that he/she will lapse the "unused" FY 99 funds. Review and note relevant FY 98 audit results.

2. Direction given by Trustee Council and/or Chief Scientist in FY 99 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).

3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 99.

- ④ 4. Personal Services: Note if number of months has increased significantly over FY 99 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *Large salary increases from FY 99 - are these correct? Harris, from \$4.9/mo to \$6.2/mo; Broderick from \$6.2/mo. to \$6.7/mo.; chemists also.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 00250.

6. Travel: Note if travel has increased significantly over FY 99 and no justification is provided.

7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.

8. Other EVOS Reviews/Workshops: Travel and per diem for two days for only those PIs (and co-PIs if appropriate) whose projects will be the subject of a technical review session: SEA and related projects (1320, 1340, 1393), APEX (1163), pink salmon (1190, 1476), herring (1311, 1375, 1462), marine mammals (1064, 1341, 1371, 1423, 1441), and subsistence (1052, 1210, 1273, 1401). The review sessions will likely be held in Anchorage.

9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.

10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 00 (DPD

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

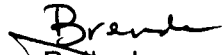


June 15, 1999

Brenda Ballachey, Ph.D.
6 Varbay Place NW
Calgary, Alberta T3A 0C8 CANADA

Paul W. Snyder, Ph.D.
Purdue University School of Vet Med
1243 Veterinary Pathology Building
West Lafayette, IN 47907-1243

RE: Project 00553 / Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters


Dear Drs. ~~Ballachey~~ and Snyder:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00553/Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Although the Chief Scientist finds the work proposed in this project to be desirable, it is not certain that the proposed methods will be effective on archived tissues from 1989. In addition, the project depends on the sea otter field work proposed in Project 00423, which is not at this time recommended for funding. I understand that you will be supplying the Chief Scientist with additional information on the feasibility of methods for P4501A measurements in archived sea otter material, as well as more information on Project 00423. The Chief Scientist may reconsider his recommendation once the new information is received. However, the Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will

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U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

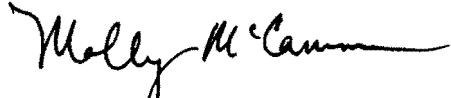
State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" being more prominent than the last name "McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Bob Spies, Chief Scientist
Dede Bohn, USGS-BRD Project Manager

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|--|--|--|-------------|---|--------------|-------------|-------------|-------------|---------------|
| 00553 | Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters | B. Ballachey/USGS-BRD, P. Snyder/Purdue Univ. | DOI | New 1st yr. 1 yr. project | \$22.3 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| <u>Project Abstract</u> | | <u>Chief Scientist's Recommendation</u> | | <u>Executive Director's Preliminary Recommendation</u> | | | | | |
| This project will sample liver from captured sea otters for assays of P4501A (CYP1A) and examination of histopathological changes. Liver CYP1A levels will be compared to those measured in blood from the same individuals. Archived frozen liver samples from sea otters that were oiled and died in 1989 will also be assayed for CYP1A to enable comparison of current levels of CYP1A induction with levels in sea otters that had a known, high degree of oil exposure. The results of this study will provide a basis for comparison of cytochrome P4501A induction in sea otters in 1989, in 1996-98, and in 2000, and will help determine if there is a decline over time in CYP1A levels. This project will complement Project 00423, which proposes to resample CYP1A in blood from sea otters. | | This proposal would determine levels of P450 induction in liver for the same animals in which levels of this same enzyme are being determined in blood tissues. This work is desirable, but it is dependent on another project (00423) that is not recommended for funding. In addition, it is not certain that the proposed methods will be effective on archived tissues from 1989. Do not fund. | | Do not fund. This project, which would relate present levels of CYP1A induction in sea otters with levels immediately following the oil spill, relies on Project 00423 for sample collection, and the sea otter field component of that project is not recommended for funding. | | | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 15, 1999

Thomas C. Kline, Jr., Ph.D.
Prince William Sound Science Center
POB 705
Cordova, Alaska 99574

RE: Project 00393-BAA / Prince William Sound Food Webs: Structure and Change
Project 00541-BAA / Publication: Prince William Sound Isotope Ecology
Project 00542-BAA / Stable Isotope Biogeochemical Markers as Linkages
Between Fishes and Their Food Sources in Northern Gulf of Alaska
Production Zones


Dear Dr. Kline:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council (a) fund Project 00393/Prince William Sound Food Webs: Structure and Change contingent on approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns and approval of a reduced budget, (b) fund Project 00541/Publication: Prince William Sound Isotope Ecology contingent on approval of a revised Detailed Project Description and budget that include only the first manuscript, and (c) not fund Project 00542/Stable Isotope Biogeochemical Markers as Linkages Between Fishes and Their Food Sources in Northern Gulf of Alaska Production Zones. I have enclosed a copy of my preliminary recommendations on these projects, along with the Chief Scientist's recommendations on the projects' technical merits.

Regarding Project 00393, the Chief Scientist has advised that the Detailed Project Description should be revised to address progress to date on using mussel shells to develop a temporal trend and the commitment of collaborators to complete the ECOPATH validation task (see enclosure). The Restoration Office estimate of the overall budget for this project is \$148,400, including agency general administration. You should work from this number in developing your revised budget. Enclosed is a list of items considered in the review of your budget which may help you in revising it. The revised budget should be prepared on the standard detailed budget forms and submitted, along with a revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (Please submit three paper copies and an

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Alaska Department of Law

electronic copy of the DPD. Submit three paper copies of the budget; an electronic copy of the budget is not needed.)

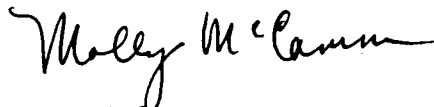
Regarding Project 00541, the Chief Scientist has advised that the second paper proposed appears too narrowly focused to be useful for restoration objectives but that the first paper (Pacific salmon early marine life-history trophic shifts) should be funded. The budget instructions in the *FY 00 Invitation*, however, limit what the Trustee Council will pay for manuscript preparation, and your budget should be reduced accordingly. The Restoration Office estimate of the overall budget for this project is \$13,700, including agency general administration. See the enclosed list of budget items for additional guidance. As stated above, a revised Detailed Project Description and budget should be submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**.

Regarding Project 00542, the Chief Scientist has advised that this project is premature until the Trustee Council's long-term research and monitoring program is further developed.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about these preliminary recommendations, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|--|----------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00393-BAA | Prince William Sound Food Webs: Structure and Change | T. Kline/PWSSC | NOAA | Cont'd 2nd yr. 3 yr. project | \$154.6 | \$148.4 | \$122.6 | \$0.0 | \$271.0 |

Project Abstract

Recent research has shown that the oceanographic conditions connecting the northern Gulf of Alaska with Prince William Sound may affect recruitment and nutritional processes in fishes. Accordingly, food webs are subject to changes in carbon flow occurring between the Gulf of Alaska and Prince William Sound. This project seeks to (a) conduct retrospective analysis of Gulf of Alaska production shifts since the oil spill and (b) address ECOPATH model validation data gaps. These analyses will enable a better understanding of the ecological role of regime shift processes conjectured to be impeding the natural restoration of populations in Prince William Sound affected by the oil spill.

Chief Scientist's Recommendation

This is the second year of a three-year program that is exploring a method that could be valuable for the Trustee Council's long-term monitoring program (GEM or Gulf Ecosystem Monitoring, currently under development). The proposal does not reflect the progress on testing the feasibility of using mussel shells to develop a temporal trend, nor does it indicate the commitment of collaborators (University of British Columbia) to complete the ECOPATH validation task. Fund contingent upon revised Detailed Project Description that reflects progress in these two respects.

Executive Director's Preliminary Recommendation

Fund contingent on approval of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns (progress on using mussel shells to develop a temporal trend and commitment of collaborators to complete the ECOPATH validation task) and (b) a reduced budget. This project is using carbon and nitrogen stable isotope ratios to confirm the relative trophic status of species within the Prince William Sound ecosystem.

ITEMS CONSIDERED IN REVIEW OF FY 00 BUDGETS

1. Level of funding authorized in FY 99 and projection, at that time, of FY 00 budget. Items budgeted for FY 99 but not implemented should not be funded again in FY 00 unless the proposer can verify that he/she will lapse the "unused" FY 99 funds. Review and note relevant FY 98 audit results.
2. Direction given by Trustee Council and/or Chief Scientist in FY 99 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 99.
- ④ Personal Services: Note if number of months has increased significantly over FY 99 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. Large salary increases since FY 99 - are they correct?
Kline from \$7.9 to \$8.6/mo, Williams from \$4.5 to \$5.3/mo. Also, Kline's salary differs among his 3 projects:
 00393 \$8.6/mo.
 00541 \$8.2/mo.
 00542 \$8.7/mo.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 00250.
6. Travel: Note if travel has increased significantly over FY 99 and no justification is provided.
- ⑦ Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage. Annual workshop will be free in FY00 (so delete registration fee). Travel to workshop is duplicated in 00541.
- ⑧ Other EVOS Reviews/Workshops: Travel and per diem for two days for only those PIs (and co-PIs if appropriate) whose projects will be the subject of a technical review session: SEA and related projects (1320, 1340, 1393), APEX (1163), pink salmon (1190, 1476), herring (1311, 1375, 1462), marine mammals (1064, 1341, 1371, 1423, 1441), and subsistence (1052, 1210, 1273, 1401). The review sessions will likely be held in Anchorage. Invitation allows 2 days per diem for technical review session, not the 3 budgeted.
- ⑨ Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending. 7 days per diem and \$800 airfare are higher than normal requests.
- ⑩ Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 00 (DPD ms. won't be submitted until FY 01, so delete page charges).

00393/00541

must also include subject/title of manuscript, name of peer reviewed journal to which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 00 (or rolled into a non-severable contract in FY 00).
- ⑫ Equipment: Note purchases of major new equipment. *Computer purchase not justified.*
- ⑬ Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost. *Photocopying, supplies, fax, phone should be paid out of indirect, except in specific situations.*
By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 63 of Invitation for more detail).
14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 99 Final Work Plan) in FY 2001 and 2002.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

1 Page Fax to
Rebecca Williams
C 1-907-276-7178
dept 15

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total. FY00-02 |
|-----------|---|----------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|----------------|
| 00541-BAA | Publication: Prince William Sound Isotope Ecology | T. Kline/PWSSC | NOAA | New 1st yr. 2 yr. project | \$34.6 | \$13.7 | \$0.0 | \$0.0 | \$13.7 |

Project Abstract

A crucial part of the scientific research process is dissemination of the results to the scientific community. This project will prepare and submit a paper on salmon and one on zooplankton for publication in FY 00.

Chief Scientist's Recommendation

This proposal for publication support exceeds the cost guidelines identified by the Trustee Council and the second paper proposed appears too narrowly focused to be useful for restoration objectives. Fund first paper only and at reduced level.

Executive Director's Preliminary Recommendation

Fund FY 00 only contingent on approval of a revised Detailed Project Description and budget that (a) include only the first manuscript (Pacific salmon early marine life-history trophic shifts) and (b) limit funding to that allowed in the *FY 00 Invitation* for manuscript preparation. The paper will explore how differences in feeding might explain differences in pink salmon survival rates, thus contributing to our understanding of the recovery of pink salmon.

ITEMS CONSIDERED IN REVIEW OF FY 00 BUDGETS

1. Level of funding authorized in FY 99 and projection, at that time, of FY 00 budget. Items budgeted for FY 99 but not implemented should not be funded again in FY 00 unless the proposer can verify that he/she will lapse the "unused" FY 99 funds. Review and note relevant FY 98 audit results.
2. Direction given by Trustee Council and/or Chief Scientist in FY 99 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 99.
4. Personal Services: Note if number of months has increased significantly over FY 99 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *Kline's salary differs among his 3 projects: 00393 \$8.6/mo., 00541 \$8.2/mo., 00542 \$8.7/mo.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 00250.
6. Travel: Note if travel has increased significantly over FY 99 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage. *Duplicates 00393.*
8. Other EVOS Reviews/Workshops: Travel and per diem for two days for only those PIs (and co-PIs if appropriate) whose projects will be the subject of a technical review session: SEA and related projects (1320, 1340, 1393), APEX (1163), pink salmon (1190, 1476), herring (1311, 1375, 1462), marine mammals (1064, 1341, 1371, 1423, 1441), and subsistence (1052, 1210, 1273, 1401). The review sessions will likely be held in Anchorage.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending. *Duplicates 00393.*
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 00 (DPD *Reduce personnel request from 3 mo. to 1.5 mo.*

00393/00541

must also include subject/title of manuscript, name of peer reviewed journal to which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 00 (or rolled into a non-severable contract in FY 00).
- ⑫ Equipment: Note purchases of major new equipment. *Computer purchase not justified.*
- ⑬ Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost. *Photocopying, supplies, fax, phone should be paid out of indirect, except in specific situations.* By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 63 of Invitation for more detail).
14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 99 Final Work Plan) in FY 2001 and 2002.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

1 Page Fax to

Rebecca Williams

C 1-907-276-7178

dept 15

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|---|----------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00542-BAA | Stable Isotope Biogeochemical Markers as Linkages Between Fishes and Their Food Sources in Northern Gulf of Alaska Production Zones | T. Kline/PWSSC | NOAA | New 1st yr. 3 yr. project | \$96.9 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

This project will use carbon and nitrogen natural stable isotope abundance measured in northern Gulf of Alaska biota as a tool to track biophysical coupling between zooplankton and juvenile fishes. The Sound Ecosystem Assessment (SEA, Project /320) demonstrated biophysical coupling between zooplankton and juvenile fishes using natural stable isotope tracers. Isotopic signatures of zooplankton reflected the spatial processes occurring at the isotope-discriminating primary production level while isotopic patterns of juvenile pelagic fish reflected spatial and temporal coupling of secondary and tertiary production. This project will extend observations made in SEA into the northern Gulf of Alaska continental shelf by augmenting the existing GLOBEC (U.S. Global Ocean Ecosystem Dynamics) project. Incorporation of potential coastal and oceanic carbon sources will be assessed at consumer production levels. Shifts in the dependency of oceanic versus coastal carbon sources deduced from isotopic data when paired with ongoing oceanographic studies will provide direct evidence, linking effects of oceanic forcing upon biological processes, and given a long observational base, eventually linking climatic shifts with observed changes in marine populations.

Chief Scientist's Recommendation

This proposal identifies an excellent opportunity for monitoring, but will only generate valuable information with a long-term data set. This work would be more effective in collaboration with oceanographic partners. It is premature to commit funds for long-term monitoring at the present time, but this proposal could represent a valuable concept for consideration in designing GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term research and monitoring program, which is currently under development).

Executive Director's Preliminary Recommendation

Do not fund based on Chief Scientist's recommendation. This proposal, which would use stable isotopes in northern Gulf of Alaska biota to track biophysical coupling between zooplankton and juvenile fishes, is premature until the Trustee Council's long term research and monitoring program (GEM, Gulf Ecosystem Monitoring) is further developed.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Jennifer Allen, Ph.D.
Prince William Sound Science Center
POB 705
Cordova, Alaska 99574

RE: Project 00320 / SEA: Publishing the Integrated Final Report and a Program Synthesis

Jennifer
Dear Dr. Allen

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00320/SEA: Publishing the Integrated Final Report and a Program Synthesis contingent on (a) approval of a revised budget that provides for producing all but 33 copies of the final report on CD-ROM, rather than in hard copy, and reduces the number of copies of the *Fisheries Oceanography* volume from 900 copies to 850 copies and (b) submittal of the SEA final report and synthesis manuscripts. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimate of the overall budget for this project is \$112,500, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Federal Trustees

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U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bill Hauser, the ADFG Project Manager.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Ted Cooney, UAF, SEA Project Leader
Bill Hauser, ADF&G Project Manager
Claudia Slater, ADF&G Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|--|----------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00320-BAA | Sound Ecosystem Assessment (SEA): Publishing the Integrated Final Report and a Program Synthesis | J. Allen/PWSSC | NOAA | Cont'd 7th yr. 7 yr. project | \$125.1 | \$112.5 | \$0.0 | \$0.0 | \$112.5 |

Project Abstract

This project will provide coordination to print, copy and distribute the final report for Project /320 and to review, publish and distribute a project synthesis written for a dedicated volume of *Fisheries Oceanography*. The final report is expected to exceed 1,000 pages (some with color). The *Fisheries Oceanography* volume will be an externally peer-reviewed scientific treatise designed to address ecosystem-level aspects of Project /320 not covered adequately by the final report. These products represent the closeout documentation for SEA.

Chief Scientist's Recommendation

This project will complete publication of the final report and a special issue of *Fisheries Oceanography*. The principal investigator and the special editor are very qualified, and high quality products can be expected with international distribution of the journal. To save some on costs, the final report should be produced on CD-ROM, and only 200 copies of the journal (beyond those required for regular *Fisheries Oceanography* subscribers) should be ordered. Fund as revised.

Executive Director's Preliminary Recommendation

Fund contingent on (a) approval of a revised budget that provides for producing all but 33 copies of the final report on CD-ROM, rather than in hard copy, and reduces the number of copies of the *Fisheries Oceanography* volume to 850 and (b) submittal of the SEA final report (due June 15, 1999) and synthesis manuscripts (due September 15, 1999). The draft final report on SEA, the five-year Sound Ecosystem Assessment project, is being prepared in FY 99. Funding in FY 00 will provide for revision and publication of the final report and publication of a special issue of *Fisheries Oceanography*. SEA has studied the dynamic processes influencing the survival of juvenile pink salmon and herring rearing in Prince William Sound in order to provide information to assist fisheries managers in understanding how environmental factors affect fish production from year to year.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Mike Castellini, Ph.D.
Alaska SeaLife Center
POB 1329
Seward, Alaska 99664

RE: Project 00341 / Harbor Seal Recovery: Controlled Studies of Health and Diet

Dear ^{Mike} Dr. Castellini:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00341/Harbor Seal Recovery: Controlled Studies of Health and Diet contingent on approval of a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimate of the overall budget for Project 00341 is \$121,200, including agency general administration. This budget estimate reflects a reduction in the travel line item for conference attendance. The budget instructions say the Council will fund attendance at one professional conference and the technical review session for the principal investigator only. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Federal Trustees

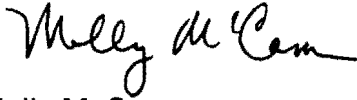
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosures

cc: Claudia Slater, Alaska Department of Fish and Game Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|-------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00341 | Harbor Seal Recovery: Controlled Studies of Health and Diet | M. Castellini/UAF | ADFG | Cont'd 3rd yr. 4 yr. project | \$123.7 | \$121.2 | \$85.4 | \$0.0 | \$206.6 |

Project Abstract

This project will continue a long-term study currently underway at the Alaska SeaLife Center to quantify the impact of specific fish diets on the health and body condition of harbor seals. Even though health status biomarkers for marine mammals in Prince William Sound were established during field trials (Project /001), the critical test of how markers vary in an individual as a result of eating specific prey has not been conducted. The project will also establish whether specific diets are nutritionally adequate to maintain seal health by monitoring health parameters and measuring assimilation efficiency during feeding trials. While this project will focus on harbor seal health, the approach is applicable to other injured top predators.

Chief Scientist's Recommendation

This work will reveal the relative nutritional importance of representative forage fish species for harbor seals in order to better understand what periodic changes in forage fish populations may do to these species. The project appears to be on track for achieving its objectives. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on approval of a reduced budget. This project investigates the effect of diet on the health and body condition of harbor seals under controlled conditions at the Alaska SeaLife Center. The results of this study will enable scientists to test the validity of results from field tests. [NOTE: Funds for Alaska SeaLife Center bench fees (approximately \$88.7) need to be added to this project.]

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178




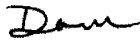
June 14, 1999

John F. Piatt, Ph.D.
USGS-BRD
1011 East Tudor Road
Anchorage, Alaska 99503

G. Vernon Byrd
US Fish and Wildlife Service
2355 Kachemak Bay Drive, Suite 101
Homer, Alaska 99603

David G. Roseneau
Alaska Maritime National Wildlife Refuge
2355 Kachemak Bay Drive, Suite 101
Homer, Alaska 99603-8021

RE: Project 00501 / Protocols for Long-Term Monitoring of Seabird Ecology in the Gulf of Alaska

 
Dear Dr. ~~Piatt~~, Mr. ~~Byrd~~ and Mr. ~~Roseneau~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00501/Protocols for Long-Term Monitoring of Seabird Ecology in the Gulf of Alaska contingent on approval of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns and (b) a revised budget that eliminates the field component. The Chief Scientist's concerns are outlined in the enclosed recommendation. The enclosure also includes my preliminary recommendation on the project.

We are using a placeholder amount of \$35,000 (including general administration) for the cost of the project without the field component. Please work from this number in developing your revised budget. The revised budget should be submitted, along with a revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (Please submit three paper copies and one electronic copy of the DPD. Submit three paper copies of the budget; an electronic copy of the budget is not needed.)

Federal Trustees

U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me, Catherine Berg, the U. S. Fish and Wildlife Service liaison to the Trustee Council, or Dede Bohn, the USGS-Biological Resources Division liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon', with a stylized, cursive script.

Molly McCammon
Executive Director

Enclosure

cc: Catherine Berg, Department of Interior
Dede Bohn, USGS-Biological Resources Division

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|---|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00501 | Protocols for Long-Term Monitoring of Seabird Ecology in the Gulf of Alaska | J. Piatt/USGS-BRD, G. Byrd, D. Roseneau/USFWS | DOI | New 1st yr. 2 yr. project | \$69.4 | \$35.0 | \$4.0 | \$0.0 | \$39.0 |

Project Abstract

Seabird populations will need to be monitored for many years to assess both recovery and ecological conditions affecting recovery. Detailed studies of individual seabird colonies and marine ecosystems in the Gulf of Alaska have been conducted by the U.S. Geological Survey and U.S. Fish and Wildlife Service under the auspices of damage assessment and restoration programs of the Trustee Council. Much has been learned about factors influencing seabird populations and their capacity to recover from the spill in the Gulf of Alaska. As the restoration program moves toward long-term monitoring of populations, however, protocols and long-term monitoring strategies that focus on key parameters of interest and that are inexpensive, practical and applicable over a large geographic area need to be developed.

Chief Scientist's Recommendation

This project will review and test protocols and strategies to increase the efficiency and effectiveness of monitoring seabird productivity and populations, which could significantly improve the Trustee Council's long-term monitoring program that is now under development. The retrospective data analysis seems very appropriate; the value of the field component is less certain. Also, key elements of a monitoring program such as interannual frequency and geography of sampling are not addressed. Fund a revised proposal that eliminates the field work and addresses interannual frequency and geography of sampling.

Executive Director's Preliminary Recommendation

Fund contingent on approval of a revised Detailed Project Description and budget that address the Chief Scientist's concerns (eliminate field work and address sampling methodology). This project could significantly improve seabird productivity studies and the design of the Trustee Council's long-term monitoring program (GEM or Gulf Ecosystem Monitoring, currently under development).

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 14, 1999



Donald Schell, Ph.D.
IMS
University of Alaska Fairbanks
POB 757220
Fairbanks, Alaska 99775-7220

RE: Project 00371 / Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers

Dear Dr. Schell:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00371/Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game Liaison

mm/raw

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|---------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00371 | Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers | D. Schell/UAF | ADFG | Cont'd 2nd yr. 3 yr. project | \$104.9 | \$104.9 | \$96.3 | \$0.0 | \$201.2 |

Project Abstract

A major concern with the use of stable isotope tracers in ecosystem studies is the fidelity with which ratios are transferred up food chains. Use of specific habitats or prey cannot be assessed if geographic gradients in isotope ratios are laid on top of trophic effects and/or prey switching. To remove these problems, this project will seek specific conservative biomarkers such as essential amino acids or fatty acids that carry isotope ratios unmodified by metabolism. Amino acids labeled with 15N and 13C will be used to follow transamination and carbon relocation during metabolic processes in the seals at the Alaska SeaLife Center. Specific fatty acid isolation and determination of suitability as habitat biomarkers will follow in year three of the project.

Chief Scientist's Recommendation

This project maintains its potential to make basic contributions to understanding nutrition in harbor seals and how specific amino acids and their stable isotopes may serve as dietary markers in wild populations of harbor seals. Fund.

Executive Director's Preliminary Recommendation

Fund. This study will shed light on the effect of nutrition on the recovery of harbor seals. [NOTE: Funds for Alaska SeaLife Center bench fees (approximately \$54.4) need to be added to this project.]

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Thomas Dean, Ph.D.
Coastal Resources Assoc
1185 Park Center Drive, Suite A
Vista, California 92083-8304

RE: Project 00510 / Recovery of Intertidal Communities and Recommendations for Future Monitoring


Dear Dr. Dean:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00510/Recovery of Intertidal Communities and Recommendations for Future Monitoring contingent on approval of a revised Detailed Project Description and budget that reduce the scope of the project. The two primary objectives of a revised proposal should be (1) a statistical study of the comparability of data from the Coastal Habitat and NOAA HAZMAT studies and (2) identification of cost effective measures for long-term monitoring of intertidal communities.

The Chief Scientist has informed me that there may be a problem in accessing all of the data needed to complete the statistical study we are asking for. We will continue discussing this with you and try to be of help where possible.

Please submit your revised Detailed Project Description (three paper copies and an electronic copy) and revised budget (three paper copies only; an electronic copy is not needed) to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. The placeholder figure we are using for the cost of the reduced scope of work is \$50,000. You should work from this number in developing a revised budget.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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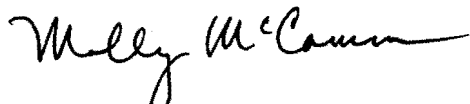
U.S. Department of the Interior
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National Oceanic and Atmospheric Administration

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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. I have enclosed a copy of my preliminary recommendation on Project 00510, along with the Chief Scientist's recommendation on the project's technical merits. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" being more prominent than the last name "McCammon".

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/raw

EXEC VE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|--|-------------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00510-BAA | Recovery of Intertidal Communities and Recommendations for Future Monitoring | T. Dean/CRA, Inc. | NOAA | New 1st yr. 3 yr. project | \$140.4 | \$50.0 | \$0.0 | \$0.0 | \$50.0 |

Project Abstract

This project will examine the state of recovery of key habitats and representative injured species within the intertidal zone in Prince William Sound. Sampling will be conducted at intertidal sites within the sheltered rocky habitat that were previously sampled as part of the Coastal Habitat Injury Assessment (Project CH1A). In addition, sampling will be conducted at representative sites sampled by the National Oceanographic and Atmospheric Administration (NOAA) Hazmat team. These data, along with those previously collected during Project CH1A and the NOAA Hazmat program, will be evaluated to assess the status of recovery. In addition, in a collaborative effort with NOAA Hazmat, the project will provide an overview of methods for assessing recovery and make recommendations for future monitoring.

Chief Scientist's Recommendation

This proposal will reassess the status of injured intertidal resources since the last full assessment in 1991. An ongoing assessment (not funded by the Trustee Council) at a series of fixed sites in Prince William Sound using a different experimental design has found evidence of a strong recovery. The first step should be to conduct a study to determine the comparability of data collected using the two sampling designs. An additional objective of this project is to identify methods for cost-effective sampling for long-term change in intertidal communities. Fund pending review of revised Detailed Project Description that addresses only (a) assessing the statistical comparability of results of the two studies mentioned above and (b) identifying methods for effective long-term monitoring of the intertidal community.

Executive Director's Preliminary Recommendation

Fund FY 00 only contingent on approval of a revised Detailed Project Description and budget that delete the field component of the project and focus instead on a study to determine the comparability of data collected and identification of methods for long-term monitoring of intertidal communities, as recommended by the Chief Scientist.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Paul Anderson
NMFS Kodiak Lab
POB 1638
Kodiak, Alaska 99615

RE: Project 00493 / IMAGE: Integrated Monitoring of Mechanisms Affecting the
Gulf of Alaska Ecosystem

Dear Mr. ^{Paul}~~Anderson~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 00493/Integrated Monitoring of Mechanisms Affecting the Gulf of Alaska Ecosystem pending approval of a revised Detailed Project Description and budget that are limited to the objectives outlined below. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

As submitted, your proposal would expand annual small-mesh trawl surveys from one to three sites. Other objectives involve gathering oceanographic data from the OSKAR buoy, gathering data on planktonic capelin larvae, and analyzing various retrospective data. Although these objectives may have merit in the context of the Trustee Council's Gulf Ecosystem Monitoring (GEM) program in the northern Gulf of Alaska, it is premature to fund them while the GEM program is still taking shape.

The Chief Scientist has recommended instead that you work with a statistician to review existing data from small-mesh trawl surveys and that you develop a statistically appropriate, cost-effective strategy for long-term sampling that could be incorporated into the GEM program. This strategy would need to consider the most appropriate geography and frequency of sampling with respect to the ability to detect changes in community structure in the lower Cook Inlet-Kodiak-Alaska Peninsula part of the spill area. I understand that this idea was discussed with you in a May 21, 1999 telephone call from Bob Spies and Stan Senner, and I hope that you will be preparing a revised Detailed Project Description along these lines. My hope is that the cost of this exercise would be modest, and I have suggested a sum of \$40,000 as a placeholder.

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If you have questions about what we are after, please give Dr. Spies a call. Your revised Detailed Project Description and budget should be submitted to the Restoration Office, Attn: Sandra Schubert by **July 8, 1999**. (Submit three paper copies of each and an electronic copy of the DPD only; an electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosure

cc: Bob Spies, Chief Scientist
Bruce Wright, NOAA Liaison

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|------------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00493 | IMMAGE: Integrated Monitoring of Mechanisms Affecting the Gulf of Alaska Ecosystem | P. Anderson/NOAA | NOAA | New 1st yr. 3 yr. project | \$178.3 | \$40.0 | \$0.0 | \$0.0 | \$40.0 |

Project Abstract

This project is an integrated study of mechanisms controlling changes in community structure in the Gulf of Alaska ecosystem. Three major components include (a) small-mesh trawl sampling of benthic and epi-benthic megafauna in representative areas of the Gulf of Alaska, (b) deployment of a moored buoy array to provide "real-time" oceanographic data in the coastal region, and (c) associated plankton sampling to quantify phyto- and zooplankton dynamics in the water column during critical periods of life history. These components should lead to a more comprehensive understanding of biological-physical coupling and dynamics of the Gulf of Alaska ecosystem.

Chief Scientist's Recommendation

The concepts described could have a role in development of the Trustee Council's long-term monitoring program (GEM or Gulf Ecosystem Monitoring), which is still taking shape. A particular need, which the Council may want to consider further, is to review existing data from small-mesh trawl surveys in the western spill area and to develop a statistically appropriate, cost-effective strategy for long-term sampling. Defer pending a revised proposal limited to these two objectives, at a cost of approximately \$40.0.

Executive Director's Preliminary Recommendation

Defer decision on funding this project pending approval of a revised Detailed Project Description and budget that are limited to the two objectives recommended by the Chief Scientist (review of existing trawl data and development of a long-term sampling strategy). The other concepts contained in the original proposal (sampling of megafauna and phyto- and zooplankton) may have a role in the Trustee Council's long-term research and monitoring program (currently under development as GEM, Gulf Ecosystem Monitoring). However, these concepts are premature until GEM is further developed.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 14, 1999



William Hauser
Alaska Department of Fish & Game
333 Raspberry Road
Anchorage, Alaska 99518-1565

RE: Project 00563 / Kenai River Streambank Habitat Utilization Study

Dear ^{Bill}Mr. Hauser:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 00563/Kenai River Streambank Habitat Utilization Study until the results of the evaluation being conducted by the Alaska Department of Fish and Game in FY 99 are available and have been reviewed. If the results are favorably reviewed, a revised Detailed Project Description with an improved study design will also be needed. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Council action on all but deferred projects is scheduled for August 10. Council action on deferred projects is expected in December.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game Liaison

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|----------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00563 | Kenai River Streambank Habitat Utilization Study | B. Hauser/ADFG | ADFG | New 1st yr. 2 yr. project | \$74.7 | \$74.7 | | \$0.0 | \$74.7 |

Project Abstract

The Alaska Department of Fish and Game has received state and federal funding, EVOS criminal settlement funds, and Trustee Council funds to implement streambank restoration activities and acquire key habitats on the Kenai River. Streambank rehabilitation has been accomplished with a new approach called soil bioengineering which uses coir (coconut) fabrics and rolls, live and dead vegetation, seedlings, and other measures to stabilize streambanks and provide cover for fish. This project will compare how bioengineered streambank projects function compared to natural and disturbed sites in terms of providing habitat for fish. The results will document and evaluate habitat variables and fish use of restoration projects with the intent of evaluating and improving installation methodologies.

Chief Scientist's Recommendation

The Trustee Council has made a substantial investment in streambank restoration on the Kenai River (Project /180), and it makes sense to evaluate the efficacy of these improvements in terms of use by salmonids. However, the study design proposed here will not yield unambiguous results in regard to the efficacy of the materials and strategies employed in the streambank project. Defer pending review of FY 99 results and a revised Detailed Project Description with an improved study design.

Executive Director's Preliminary Recommendation

Defer decision on funding this project until the results of the evaluation being conducted by the Alaska Department of Fish and Game in FY 99 are available and have been reviewed (this work is not part of a Trustee Council-funded project). If the results are favorably reviewed, a revised Detailed Project Description with an improved study design will also be needed. This project would further evaluate the streambank rehabilitation work conducted along the Kenai River under Project /180.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Richard Kocan, Ph.D.
University of Washington
POB 355100
Seattle, Washington 98195

RE: Project 00562 / Effect of Viral Hemorrhagic Septicemia Virus on Overwinter Survival of Juvenile Herring in Resurrection Bay: Implications for Year-Class Strength

Dick
Dear Dr. ~~Kocan~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 00562/Effect of Viral Hemorrhagic Septicemia Virus on Overwinter Survival of Juvenile Herring in Resurrection Bay: Implications for Year-Class Strength until after a herring synthesis workshop, tentatively scheduled for Fall 1999, is convened. There is need for additional work on herring, and the Chief Scientist hopes that you will be able to attend the workshop, at which time there will be more discussion of future directions for the herring effort. More details on the workshop will be provided later this summer.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on all but deferred projects is scheduled for August 10. Council action on deferred projects is expected in December.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. I have enclosed a copy of my preliminary recommendation on your project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. If

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you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|--|---|---|-------------|---|--------------|-------------|-------------|-------------|---------------|
| 00562 | Effect of Viral Hemorrhagic Septicemia Virus on Overwinter Survival of Juvenile Herring in Resurrection Bay: Implications for Year-Class Strength | R. Kocan/Univ. of Washington | ADFG | New 1st yr. 3 yr. project | \$82.1 | \$82.1 | \$102.0 | \$105.9 | \$290.0 |
| <u>Project Abstract</u> | | <u>Chief Scientist's Recommendation</u> | | <u>Executive Director's Preliminary Recommendation</u> | | | | | |
| Viral hemorrhagic septicemia virus (VHSV) has been identified in age-0 Pacific herring soon after metamorphosis (about 3 months), and has been shown to be highly pathogenic, causing mortality in excess of 50 percent in captive fish. Herring that survive initial exposure have been shown to develop a solid immunity to reinfection, even when challenged with high concentrations of virus. The hypothesis to be tested in this project is that in most years some portion of each age-0 herring cohort is infected and recovers from VHSV, and that they are capable of surviving subsequent exposures to the virus as they age. To test the hypothesis, the project will capture age-0 herring in Resurrection Bay from July through September 2000 and again in April 2001 and evaluate their condition (K factor) as well as susceptibility (immunity) to VHSV. | | The herring population in Prince William Sound has still not recovered, and it appears that disease has played a role in preventing the recovery. This project could contribute to more accurate recruitment predictions by helping quantify parameters that describe the impact of disease on early life stages of herring. However, the proposal itself could be much more effectively integrated with other herring research toward the development of an overall age-specific mortality model. Defer pending a herring workshop (tentatively scheduled for Fall 1999) and review of a revised proposal. | | Defer decision on funding this project until after the herring synthesis workshop tentatively scheduled for Fall 1999. In addition to addressing recommendations from the workshop, a revised proposal should be better integrated with other herring research. | | | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 14, 1999



Tracy Collier, Ph.D.
NOAA-NMFS NW Fisheries Science Center
2725 Montlake Blvd E
Seattle, Washington 98112-2013

RE: Project 00576 / Relationship Between Oil Exposure and Reproductive Function in Dolly Varden

Dear Dr. Collier:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00576/Relationship Between Oil Exposure and Reproductive Function in Dolly Varden. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed. In addition, the Chief Scientist raised concerns about the scientific design of your proposal.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, National Oceanic and Atmospheric Administration Liaison

mm/raw

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|---|---|-----------------|---|---------------------------------|--|-------------|-------------|-------------|---------------|
| 00576 | Relationship Between Oil Exposure and Reproductive Function in Dolly Varden | T. Collier/NOAA | NOAA | New 1st yr. 1 yr. project | \$82.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| <u>Project Abstract</u> | | | <u>Chief Scientist's Recommendation</u> | | <u>Executive Director's Preliminary Recommendation</u> | | | | |
| This project will conduct a controlled laboratory experiment to obtain detailed information on dose response relationships between exposure to crude oil and reproductive endpoints in Dolly Varden. In addition, Dolly Varden will be collected from previously sampled impacted and non-impacted areas in Alaska to determine their recovery from oil-spill exposure, both in terms of actual exposure as well as current reproductive function. The data derived from this project may be especially relevant in view of recent research suggesting that low-level exposure to oil-derived PAHs may be associated with reduced return rates in other salmonid species in Prince William Sound. | | | Based on studies conducted as part of the damage assessment following the oil spill, the Dolly Varden was designated as an injured species primarily on the basis of growth contrasts between oiled and unoled areas. The proposed study would follow up on the possibility that there also were hormonal alterations, but I do not see a strong reason to reopen this line of inquiry. In addition, the results of the proposed work would not demonstrate an effect of oil on reproductive success, but only on hormone levels and rates of hormonal production. The proposal does not present the biological context for this work and there are questions about the adequacy of the sample design. Do not fund. | | Do not fund. The Chief Scientist has raised significant concerns about the scientific design of the project. | | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 14, 1999

Sue Cogswell
Prince William Sound Economic Development Council
POB 2353
Valdez, Alaska 99686



RE: Project 00616 / Sound Waste Management Plan: Boat Harbor Sewage System Phase

Dear Ms. ^{Sue}~~Cogswell~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00616/Sound Waste Management Plan: Boat Harbor Sewage System Phase. The Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Sound Waste Management Plan was the first such plan prepared and implemented for a region within the spill area. I am recommending that additions to the Sound Waste Management Plan not be considered until after the two similar projects in progress (Project /304, implementation of the Kodiak Island Waste Management Plan, and Project /504, development and implementation of the Lower Cook Inlet Waste Management Plan) are complete.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Marianne See, Alaska Department of Environmental Conservation Liaison

mm/raw

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|--------------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00616 | Sound Waste Management Plan: Boat Harbor Sewage System Phase | S. Cogswell/PWSEDC | ADEC | New 1st yr. 1 yr. project | \$438.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

Providing communities the capacity to manage and control pollutants will protect Prince William Sound species and will aid the recovering species affected by the oil spill. Boat harbor pump-out systems will provide seasonal safe sewage management for marine vessels. The systems can be easily activated in winter in case of a natural or man-made emergency. This system will protect the commercial shellfish operations around the sound, as well as the other fish and marine mammal populations recovering from the oil spill.

Chief Scientist's Recommendation

This proposal would install sewage pump-out systems at four boat harbors in Prince William Sound communities. It is not clear what legal obligations the communities have with respect to this source of pollution. The Trustee Council has made a significant investment in stations for collecting waste oil and other pollutants in the sound (Project /115), and similar projects are underway on Kodiak Island (Project /304) and in lower Cook Inlet (Project /514). Completion of these projects should be the Council's first priority in the area of reducing marine pollution. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. This project would provide sewage pump-out stations in the small boat harbors of Cordova, Whittier and Chenega Bay and at the skiff dock in Tatitlek. The pump-out stations would provide a convenient disposal area for sewage and discourage boat operators from dumping their sewage into the harbors. This project would be an adjunct to the Sound Waste Management project (/115). Boat harbor sewage was not addressed in the Sound Waste Management Plan because it was a lower priority to Prince William Sound communities than used oil and household hazardous waste. Additions to the Sound Waste Management Plan may be reconsidered once the two similar projects still in progress (Project /304, implementation of the Kodiak Waste Management Plan and Project /514, development and implementation of the lower Cook Inlet Waste Management Plan) are complete. [NOTE: Funding for this project would come from outside of the regular FY 00 work plan of research, monitoring, and general restoration projects.]

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Monica Riedel, Executive Director
Alaska Harbor Seal Commission
POB 2229
Cordova, Alaska 99574

Brendan L. Kelly, Ph.D.
School of Fisheries & Oceans Sciences
11120 Glacier Highway
Juneau, Alaska 99801

RE: Project 00444 / Community-Based, Long-Term Population Monitoring of Harbor Seals

 
Dear Ms. Riedel and Dr. Kelly:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00444/Community-Based, Long-Term Population Monitoring of Harbor Seals. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed. In addition, the proposal was not well coordinated with ongoing monitoring programs and the Chief Scientist noted significant problems with the study design. Although I do not recommend funding for this project, I encourage you to continue to work with other researchers to find an effective way to involve communities in long-term monitoring of harbor seals.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee

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Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|--|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00444 | Community-Based, Long-Term Population Monitoring of Harbor Seals | M. Riedel/Alaska Native Harbor Seal Commission, B. Kelly/UAS | ADFG | New 1st yr. 2 yr. project | \$106.4 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

This project will combine the expertise of Alaska Native hunters, University researchers, and Alaska Department of Fish and Game researchers in developing a long-term population monitoring protocol for a harbor seal colony that once was the largest in the spill area. A new method of monitoring population size and vital parameters of harbor seals in the spill area will be developed. Photographic identification of individuals, based on unique coat patterns, will be used to generate mark-recapture population estimates for harbor seals at Tugidak Island. Productivity and juvenile survival rates also will be estimated based on re-sightings of a large sample of known individuals.

Chief Scientist's Recommendation

The concept of involving subsistence hunters and community residents in monitoring harbor seal populations is appropriate and in the long-term interest of the participants and the resource. The Alaska Native Harbor Seal Commission is to be commended for taking the initiative to develop this proposal. However, researchers experienced with use of photographic techniques for identifying seals indicate that on-site observations are almost always needed to correctly identify a seal. There also are questions about the area that would need to be sampled and the effects on the population estimates of not "recapturing" a known individual. Finally, there is no evidence that development of this proposal was coordinated or integrated with the ongoing program of the relevant management agencies. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. This project would involve Alaska Natives from Kodiak Island in monitoring harbor seals on Tugidak Island using photo-identification techniques. Another community-based monitoring proposal was submitted in FY 99, but was not funded. The *FY 00 Invitation* said the Trustee Council would consider a revised proposal for FY 00, provided the necessary coordination and integration was achieved. This proposal lacks evidence of integration into the ongoing programs of the Alaska Department of Fish and Game and the National Marine Fisheries Service. A high degree of integration is necessary to ensure the success of a long-term monitoring program. In addition, the Chief Scientist has raised concerns about the scientific design of this project. Although I do not recommend funding for this project, I encourage researchers to find an effective way to involve communities in long-term monitoring of harbor seals. My draft recommendation on Project 00509, which would develop an experimental design for a long-term monitoring program for harbor seals, is to make funding contingent on exploration of opportunities for community participation in harbor seal monitoring.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Kara Merrell
Prince William Sound Economic Development Council
POB 2353
Valdez, Alaska 99686

Kevin Hartwell
Wild North Productions
POB 22773
Juneau, Alaska 99802

RE: Project 00615 / Prince William Sound, Kodiak, Lower Cook Inlet Waste Management Community Awareness Video and Community Waste Management Resource Guide

Dear Ms. Merrell and Mr. ~~Hartwell~~ ^{Kevin}:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00615/Prince William Sound, Kodiak, Lower Cook Inlet Waste Management Community Awareness Video and Community Waste Management Resource Guide. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed. My recommendation offers suggestions for strengthening this proposal if you decide to resubmit it in a future year.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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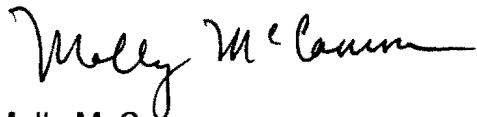
U.S. Department of the Interior
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Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" being more prominent and the last name "McCammon" following in a similar style.

Molly McCammon
Executive Director

Enclosure

cc: Marianne See, Alaska Department of Environmental Conservation Liaison

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|---|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00615 | Prince William Sound/Kodiak/Lower Cook Inlet Waste Management Community Awareness Video and Community Waste Management Resource Guide | K. Merrell/PWSEDC, K. Hartwell/Wild North Productions | ADEC | New 1st yr. 1 yr. project | \$55.9 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

This project will develop a community awareness video and printed waste handling guide to facilitate implementation of the Prince William Sound (Project /115), Kodiak Island Borough (Project /304), and Lower Cook Inlet (Project /514) waste management plans. The need for a community pollution program that educates villagers on proper handling of waste materials and promotes use of new EnVironmental Operations Stations is a logical extension of the Prince William Sound/Kodiak/lower Cook Inlet waste management plans funded, in part, by the Trustee Council.

Chief Scientist's Recommendation

This proposal will enhance the communication of Trustee Council goals for reducing marine pollution to Prince William Sound communities, and plans to use residents in the video seem likely to increase the persuasiveness of the product. However, since the Kodiak and lower Cook Inlet waste management plans have yet to be implemented, this project is premature. In addition, the commitment of local communities to implement plans developed with Council funds suggests more cost-sharing might be appropriate. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. This project would develop a video and printed guide to inform communities in the spill area about proper handling of waste materials. The objectives of the project are to raise awareness of waste management problems and promote proper use of the equipment and facilities funded by the Trustee Council under projects /115 (Prince William Sound Waste Management Plan), /304 (Kodiak Waste Management Plan), and /514 (Lower Cook Inlet Waste Management Plan). The proposal is premature for lower Cook Inlet because the waste management plan for that region has not been completed. Implementation of the Kodiak Waste Management Plan has been delayed. The waste management plan for Kodiak Island communities is markedly different from that for Prince William Sound, but the proposal does not reflect those differences. There is no evidence of endorsement or financial support from affected communities. Greater consideration might be given to a proposal in FY 01, once the lower Cook Inlet Waste Management Plan is complete, that is (a) tailored to the unique problems and solutions of each region and (b) strongly endorsed and financially supported by affected communities.

Exxon Valdez Oil Spill Trustee Council

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June 14, 1999

A.J. Paul, Ph.D.
IMS Seward Marine Center
University of Alaska Fairbanks
POB 730
Seward, Alaska 99664-1197

RE: Project 00451 / Influence of Exogenous Zooplankton Assemblages on Juvenile Herring

~~A.J.~~
Dear Dr. Paul:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00451/Influence of Exogenous Zooplankton Assemblages on Juvenile Herring. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed. There is need for additional work on herring, and the Chief Scientist hopes that you will be able to attend a herring synthesis workshop tentatively planned for Fall 1999, at which time there will be more discussion of future directions for the herring effort. More details on the workshop will be provided later this summer.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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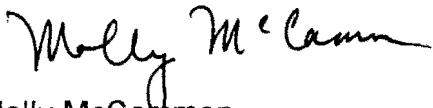
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Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|----------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00451 | Influence of Exogenous Zooplankton Assemblages on Juvenile Herring | A. J. Paul/UAF | ADFG | New 1st yr. 1 yr. project | \$51.3 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

Previous Trustee Council projects noted the importance of the nearshore environment for juvenile Pacific herring nurseries. Studies have found that Gulf of Alaska derived carbon may be transported into Prince William Sound neritic environments. The zooplankton community in central Prince William Sound and in herring nursery bays has been described. Stable isotope analyses showed that Gulf of Alaska carbon influences Prince William Sound food webs. The importance of central Prince William Sound and Gulf of Alaska zooplankton to the neritic nursery areas and diets of juvenile herring has not been studied. This project will analyze zooplankton composition with respect to physical measurements from archived samples collected in neritic and central Prince William Sound from the spring of 1996 and 1997.

Chief Scientist's Recommendation

This is a reasonable proposal from a productive investigator. However, if this work were to be considered for funding, it would need to be within a more comprehensive framework that includes tests of the several different herring hypotheses and incorporation into an age-structure/population model. Since this project involves use of existing physical data and archived samples, it can, if desired, be carried out at a later date. The principal investigator should attend a herring synthesis workshop tentatively planned for Fall 1999. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has raised significant concerns about the scope and scientific design of the project. However, the principal investigator should attend a herring synthesis workshop tentatively planned for Fall 1999.

Exxon Valdez Oil Spill Trustee Council

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June 14, 1999

Fred W. Allendorf, Ph.D.,
Division of Biological Sciences
University of Montana
Missoula, Montana 59812

RE: Project 00190 / Construction of a Linkage Map for the Pink Salmon Genome

Dear Dr. ~~Allendorf~~ *Fred*:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00190/Construction of a Linkage Map for the Pink Salmon Genome contingent on approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns (outlined below) and an explanation of how recent funding received from the National Science Foundation bears on the Trustee Council contribution to this project. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The reviewers and Chief Scientist are very pleased with the progress of Project /190 and are convinced that the pink salmon genome map will have very useful applications. The potential cost sharing with the National Science Foundation fellowship support is also an endorsement of this work's importance. We believe the Restoration Program would be best served by using this map to evaluate the potential impact of hatchery-raised fish on the fitness of wild stocks. The tools that have been previously-available, mainly mtDNA sequences and allozymes, have not had the power that genomic mapping could bring to this question. Starting with crosses of genetically well known hatchery- and wild-stock parents, a general framework for the experiment would be to compare genetic characteristics of adults returning to the Alaska SeaLife Center with those of the fry at release. The work of Moran, et al. (1996) with Atlantic salmon should be referenced with regard to the general goals we have in mind.

We would of course be interested in your reaction to this proposed practical application, as it differs from what you proposed in your Detailed Project Description for FY 00. As we understand the situation, this is a very significant opportunity to influence the management of pink salmon stocks. We would like to know if you think that this application is for some reason infeasible or premature or is of little interest to you. As the budget for the Restoration Program continues to shrink, it becomes important to

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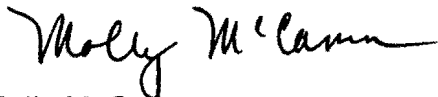
ensure that every funded project is well fitted to our overall goals. Your consideration of this proposal would be greatly appreciated.

If this change in direction is acceptable to you, please submit a revised Detailed Project Description (three paper copies as well as an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. If this direction is not acceptable to you, please call the Chief Scientist, Bob Spies, directly to discuss it.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

Enclosures

cc: Bob Spies, Chief Scientist
Claudia Slater, ADFG Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|----------------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00190 | Construction of a Linkage Map for the Pink Salmon Genome | F. Allendorf/Univ. Montana | ADFG | Cont'd 5th yr. 7 yr. project | \$226.5 | \$226.5 | \$240.8 | \$240.8 | \$708.1 |

Project Abstract

This project will continue experiments at the Alaska SeaLife Center that apply a genetic linkage map constructed during the first four years of the project. The specific application proposed for FY 00 is to relate fish survival and growth, through a life cycle, to their genetic composition. Progeny produced from wild pink salmon collected from Likes Creek in August 1998 will be released from the SeaLife Center in May 1999. Sexually mature adults from the 1998 cohort will return to the SeaLife Center in August 2000. Genotypes in released fry and returning adults will be compared to test for genetic differences in marine survival and other life history traits (e.g., body size, egg number, and egg size).

Chief Scientist's Recommendation

This proposal has significant scientific merit, but is not the most useful application of the genome map to pink salmon management. Now that the map is essentially complete, this new tool could be used to test the impact of hatchery fish on wild stocks by assessing survival and genotype for the progeny of wild intertidal-spawners crossed with hatchery fish. Fund contingent on a revised proposal that focuses on this management application.

Executive Director's Preliminary Recommendation

Fund contingent on (a) approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns and (b) an explanation of how recent funding received from the National Science Foundation bears on the Trustee Council contribution to this project. In particular, the revised proposal should focus on the management application of the pink salmon genome map funded in previous years. [NOTE: Funds for Alaska SeaLife Center bench fees (approximately \$97.7) need to be added to this project.]

Exxon Valdez Oil Spill Trustee Council

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June 14, 1999

Craig Matkin
North Gulf Oceanic Society
POB 15244
Homer, Alaska 99603

RE: Project 00012-BAA / Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords

Dear Mr. ~~Matkin~~: 

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00012-BAA/Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords contingent on (a) approval of a revised Detailed Project Description and budget that delete Objective 5 (comparison of AB calls pre- and post-spill) and Objective 6 (genetics, including the manuscript) and (b) submittal of the four manuscripts promised for FY 98 and FY 99, as outlined in the Chief Scientist's recommendation. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimate of the overall budget for Project 00012A-BAA is \$82,900. This budget estimate reflects a reduction of \$10,000 in the contract with the North Gulf Oceanic Society, plus associated agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with the revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (Please submit three paper copies of both the DPD and budget, as well as an electronic copy of the DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will

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make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the National Oceanic and Atmospheric Administration liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|---|--|--------------------------------------|--|------------------------------------|--------------|--|-------------|-------------|---------------|
| 00012A-BAA | Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords | C. Matkin/North Gulf Oceanic Society | NOAA | Cont'd 8th yr. 9 yr. project | \$93.6 | \$82.9 | | \$0.0 | \$82.9 |
| <p><u>Project Abstract</u></p> <p>This project will continue the monitoring of the damaged AB pod and other Prince William Sound/Kenai Fjords killer whales that has occurred on a yearly basis since 1984. Methods include the photo-identification of individual whales and acoustic monitoring with remote and vessel-based hydrophone systems. The project continues interpretation of previous data and data collected with matching funds. It provides for publication of the results from this multi-year examination of killer whale population biology, genetics, acoustics, trophic interactions, spatial and temporal distribution patterns, and contaminant accumulation.</p> | | | <p><u>Chief Scientist's Recommendation</u></p> <p>This project will sustain monitoring of killer whales that has been ongoing since the spill. The AB pod has shown a net gain in individuals since 1996, but its recovery, as well as the status of the AT1 pod, continues to be of concern. The hydrophone at the Alaska SeaLife Center is a worthwhile educational undertaking. Funding should be contingent on (a) deletion of objectives for analysis of pre- and post-spill calls from the AB pod and deletion of further genetics work, including the genetics manuscript on inbreeding avoidance, (b) delivery of the four manuscripts promised in FY 98 and FY 99 (critical habitats, genetic isolation, effective population sizes, and niche partitioning) and (c) submission of a revised Detailed Project Description and budget consistent with the above.</p> | | | <p><u>Executive Director's Preliminary Recommendation</u></p> <p>Fund contingent on (a) approval of a revised Detailed Project Description and budget that delete Objective 5 (comparison of AB calls pre- and post-spill) and Objective 6 (genetics, including the manuscript); the revised budget should reflect a reduction of \$10.0 in the contract with North Gulf Oceanic Society and (b) submittal of the four manuscripts promised for FY 98 and FY 99, as outlined in the Chief Scientist's recommendation. Future funding will depend on review of the FY 00 results and progress on publishing manuscripts. This project is providing valuable information about the long-term effects of the oil spill on resident and transient pods of killer whales in Prince William Sound.</p> | | | |

Exxon Valdez Oil Spill Trustee Council

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June 14, 1999

Marianne See
Alaska Department of Environmental Conservation
555 Cordova Street
Anchorage, Alaska 99501

RE: Project 00530 / Lessons Learned: Evaluating Scientific Sampling of Oil Spill Effects
Project 00567 / Monitoring Environmental Contaminants in the Northern Gulf of Alaska


Dear Ms. ~~See~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 00530/Lessons Learned: Evaluating Scientific Sampling of Oil Spill Effects until a more detailed proposal has been submitted and considered and also defer a decision on Project 00567/Monitoring Environmental Contaminants in the Northern Gulf of Alaska until an interagency working group has assessed the need to employ a contractor to carry out the proposed review of existing contaminants data. I have enclosed a copy of my preliminary recommendation on these projects, along with a summary of the Chief Scientist's recommendation on the projects' technical merits.

Regarding Project 00530, the preliminary proposal addresses an important need and opportunity with respect to the effectiveness of efforts within the EVOS program to assess injury and recovery. I would like to see a revised, more detailed proposal, reflecting the gist of the discussion in our meeting with Craig Tillery, Bob Spies, and others on the afternoon of June 2nd. The revised proposal should also delete funding for the participation of agency staff (we estimate the revised budget to be \$74,900). Please submit a revised Detailed Project Description (three paper copies and an electronic copy), along with a revised budget (three paper copies only; an electronic copy is not needed) to the Restoration Office, Attn: Sandra Schubert by **July 8, 1999**.

Regarding Project 00567, I know you and Stan Senner have been working to set up a small working group meeting to discuss contaminants and the GEM program sometime during the week of July 12th. Once that meeting has occurred, we can discuss further the need for and substance of a revised version of the Detailed Project Description.

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My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action is scheduled for August 10, with a follow-up meeting in December to take action on any deferred projects which are not ready to go by August.

If you have any questions about these preliminary recommendations or the project review process, please give me a call.

Sincerely,

Molly McCammon
Executive Director

Enclosures

cc: Dr. Bob Spies, Chief Scientist

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|-------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00530 | Lessons Learned: Evaluating Scientific Sampling of Oil Spill Effects | M. See/ADEC | ADEC | New 1st yr. 1 yr. project | \$109.4 | \$74.9 | \$0.0 | \$0.0 | \$74.9 |

Project Abstract

In the ten years following the oil spill, a substantial amount of scientific research has been conducted on the impacts of the spill. Despite this wealth of information, there has been no comprehensive evaluation and compilation to determine which sampling methods and studies were or were not effective. This project will review scientific findings to assess which ones provided effective means of documenting environmental impacts. To ensure that the proposed approach will be effective, this project will be structured as a pilot.

Chief Scientist's Recommendation

This project proposes a pilot effort to use a retrospective assessment of the EVOS process to determine how the efforts to study the immediate ecological effects of an oil spill might be improved in the future. This is certainly an important topic, as public accountability requires an effective assessment of what can be improved. The proposal will require an experienced and qualified individual/organization to effectively accomplish the objectives. The proposal is vague regarding what will be assessed, however, and depends upon the hiring of an unidentified contractor to conduct the work. Defer pending further consideration of the most effective approach to accomplishing project objectives.

Executive Director's Preliminary Recommendation

Defer a decision on funding this project until a more detailed proposal has been submitted and considered. The revised proposal should delete funding for the participation of Trustee agency staff; the activities described should be handled as part of normal agency management functions. This project, which would evaluate the effectiveness of the sampling methodologies used in EVOS restoration projects, is generally responsive to the *FY 00 Invitation*, which invited proposals that synthesize and transfer study results to resource managers and stakeholders. However, the Detailed Project Description should be more specific about just what will be assessed and the role of the Chief Scientist in the project.

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|-------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00567 | Monitoring Environmental Contaminants in the Northern Gulf of Alaska | M. See/ADEC | ADEC | New 1st yr. 1 yr. project | \$76.2 | \$76.2 | \$0.0 | \$0.0 | \$76.2 |

Project Abstract

This project will assess needs and priorities for monitoring environmental contaminants in the northern Gulf of Alaska, including the area directly affected by the oil spill. It will evaluate information on water quality, marine species' sensitivities to pollutants, and contaminants that pose potentially adverse effects to the ecosystem and to human health. Recommendations will specify priorities for monitoring of contaminants in order to track lingering oil spill injury, trends and potential effects of pollutants.

Chief Scientist's Recommendation

The goal of developing a contaminants component for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term research and monitoring program currently under development) is appropriate and important. This project would involve the use of a contractor to survey existing programs that produce data on contaminants, identify concerns about contaminants, etc. There is concern that the level of existing information may be such that it is not necessary to employ a contractor for this purpose, and it may be that a useful starting point would be to convene an interagency working group to initially review the current situation and future needs with respect to GEM. Based on a meeting of this working group, perhaps there could be further consideration of this proposal, the need for a contractor, and an appropriate scope of work. Defer pending a working group meeting, which perhaps could be convened in July 1999.

Executive Director's Preliminary Recommendation

Defer decision on funding this project until the interagency working group proposed by the Chief Scientist has met (tentatively scheduled for July 1999) and assessed the need to employ a contractor to carry out the proposed review of existing contaminants data. The amount of data to be reviewed may be such that this component of the project could be completed more cost effectively by agency staff. In general, the goal of developing a contaminants component for the Trustee Council's long-term research and monitoring program (currently under development as GEM, Gulf Ecosystem Monitoring) is appropriate and important.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Robert J. Small, Ph.D.
Alaska Department of Fish & Game
333 Raspberry Road
Anchorage, Alaska 99518-1565

Kathryn J. Frost
Division of Wildlife Conservation
Alaska Department of Fish & Game
1300 College Road
Fairbanks, Alaska 99701-1559

RE: Project 00509 / Long-Term Monitoring of Harbor Seal Populations: Development of an Experimental Design

Bob *Kathy*
Dear ~~Dr. Small~~ and ~~Ms. Frost~~

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00509/Long-Term Monitoring of Harbor Seal Populations: Development of an Experimental Design, contingent on approval of (a) a revised Detailed Project Description that describes the methodology for achieving the objectives of the proposed study and explores opportunities for community participation in long-term monitoring of harbor seals and (b) a revised budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

As submitted, your proposal has scientific merit and could make an important contribution to the development of the Trustee Council's long-term Gulf Ecosystem Monitoring program. The Detailed Project Description, however, has little information on the specific methodology to be used in reviewing and improving on the experimental design of current trend and abundance surveys. As you can see from the attached summary of review comments, the reviewers found it difficult to evaluate the soundness and feasibility of the technical approach. There also is need to address the question of the appropriate interannual frequency of surveys, and I would like to see consideration given to opportunities for community participation in a long-term monitoring project. Given the importance of this work to development of a long-term program, I have

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recommended that it be funded contingent on receipt of a revised Detailed Project Description addressing these concerns.

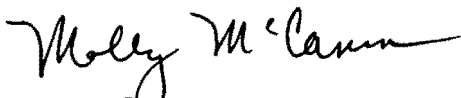
Please submit a revised Detailed Project Description (DPD), along with a slightly reduced budget, to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. Submit three paper copies of both the DPD and budget, as well as an electronic copy of the DPD (an electronic copy of the budget is not needed).

The Restoration Office estimate of the overall budget for Project 00509 is \$52,800, including agency general administration. This budget estimate reflects the elimination of the computer requested in the equipment line item. Acquisition of a computer for this project cannot be justified because this is a one-year project that would be performed largely by a contractor. The revised budget should be prepared on the standard detailed budget forms.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosures

cc: Claudia Slater, Alaska Department of Fish and Game Liaison
Bob Spies, Chief Scientist

mm/raw

SUMMARY
FY 2000 PEER REVIEWER EVALUATION FORM
AND TECHNICAL CRITERIA

Project No **00509**

Project Title: Long-Term Monitoring of Harbor Seal Populations: Development of an Experimental Design

[The following are scored 1-5, with 5 being the highest rating (e.g., excellent)]

1. The overall scientific merits of the proposal as demonstrated through (a) understanding of the problem, (b) soundness of the technical approach, (c) innovation and uniqueness of the project, and (d) feasibility (i.e., prospects for the project's success).

Score _1-4 Comments?

- project would review the experimental design of current population trend and abundance surveys and identify ways to improve
- proposal has scientific merit, but no specific methodology proposed (i.e., only that the work will be "based on relevant statistical theory of sampling and surveying...")
- presumably the unidentified post-doc and UAF faculty member will develop plan, but we need more detail up front
- project should be feasible, but w/o more information on methods, it is hard to judge feasibility or soundness of technical approach
- missing from list of objectives is determination of appropriate interannual frequency of surveys (e.g., every 1, 2 or 3 yrs?)
- need to have developing a cost-effective monitoring strategy for GEM as an explicit objective
- what about exploring opportunity for local participation in long-term monitoring?

2. The potential contribution of the proposal to the identified recovery objectives. In other words, the extent to which the proposal will help achieve the restoration objectives identified for a given resource.

Score __3.5-5 Comments?

- project is germane to objective of developing a well-conceived and cost-effective GEM program
- if current aerial surveys (i.e., Frost's) are biased, developing alternative survey methods would be worthwhile
- there is a strong rationale for the project; harbor seals have failed to recover and assessing long-term monitoring data using another method is a good idea

3. The organization's (a) capabilities and experience and (b) record of past performance (including in the EVOS program). The (c) experience and qualifications of key personnel, and (d) whether facilities or other factors integral to the proposal success are available to support the project.

Score __2.5-4 Comments?

- both PIs are well-respected and productive, but much of the work will be contracted to an unnamed post-doc
- given lack of methodology specified in DPD, question how much guidance PIs will give to post-doc
- Small is very good w/statistics and has shown that he can explain modeling concepts in understandable terms

4. The cost effectiveness of the project proposal.

Score __2.0-5 Comments?

- overall budget is low and, given importance of work to GEM, may be worthwhile
- however, given that needed databases should be readily available and in good shape, why would it take a well-trained statistician a full year to aggregate the data and run appropriate analyses and simulations?
- question need to purchase yet another PC and software, especially given that the contractor will be at UAF

Overall assessment of this project and its relationship to the cluster and overall program

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Charles Falkenberg, Ph.D.
ECOlogic Corp
19 Eye Street, NW
Washington, DC 20001

RE: Project 00455-BAA / An Evaluation of the Data System for the EVOS Long-Term Monitoring Program

Dear Dr. Falkenberg:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00455-BAA/An Evaluation of the Data System for the EVOS Long-Term Monitoring Program contingent on approval of a revised Detailed Project Description that adds as an objective assessing existing EVOS data systems and the migration of these systems toward the data system proposed by this project. Please submit a revised Detailed Project Description (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**.

I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. I have also enclosed the peer reviewer evaluation form on which the Chief Scientist's recommendation is based. These should assist you in preparing a revised Detailed Project Description.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA Liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|--|------------------------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00455-BAA | An Evaluation of the Data System for the EVOS Long-Term Monitoring Program | C. Falkenberg/Ecologic Corp. | NOAA | New 1st yr. 1 yr. project | \$69.1 | \$69.1 | \$0.0 | \$0.0 | \$69.1 |

Project Abstract

This project will investigate the issues relating to the creation of the data delivery system needed by the Trustee Council's long-term monitoring and research program. In addition to the data collection effort, data delivery will prove to be a critical component of the success of the long-term program. Therefore, as the long-term program is planned, the data delivery issues need to be integrated into that process. This project will outline some of the key data and user issues and provide background research into existing systems that deliver similar data. In addition, a strawman proposal will be developed for a data system that could meet the needs of the long-term monitoring effort.

Chief Scientist's Recommendation

This is a timely proposal to examine the potential options for data and information management for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term research and monitoring program, which is currently under development) and addresses a critical need for planning. The fast pace of technological development in this discipline requires a careful assessment of options, and the "strawman" proposal to be generated by this project would be quite useful. The proposal must recognize that the data to be collected by GEM is unlikely to be unique, and many existing applications – for example, from NODC (National Ocean Data Center), GLOBEC (U.S. Global Ocean Ecosystem Dynamics), and OCSEAP (Outer Continental Shelf Environmental Assessment Program) – could be cost-effective alternatives for GEM to explore. It would be valuable to include some assessment of existing EVOS data systems and the migration of these systems toward what is proposed by this project, as it is likely that any GEM database will want to include certain existing data sets. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on approval of a revised Detailed Project Description that adds as an objective assessing existing EVOS data systems and the migration of these systems toward the data system proposed by this project. This project is designed to ensure that data collected through the Trustee Council's long-term research and monitoring program (currently under development as GEM, Gulf Ecosystem Monitoring) is accessible to the widest number of users and applications. The project will investigate the issues related to the creation of a data delivery system for GEM and develop a strawman proposal for a data system. The principal investigator should include Gateway to the Earth (see Project 00447) in the suite of existing data systems that will be reviewed for possible guidance on GEM. This project was submitted under the Trustee Council's Broad Agency Announcement and will therefore be administered by the National Oceanic and Atmospheric Administration. However, the work of the principal investigator will be directed by the Council's Executive Director working with the Chief Scientist and an advisory group of experienced data managers to be named by the Executive Director.

SUMMARY
FY 2000 PEER REVIEWER EVALUATION FORM
AND TECHNICAL CRITERIA

Project No **00455**

Project Title: **An Evaluation of the Data System for the EVOS Long Term Monitoring Program**

[The following are scored 1-5, with 5 being the highest rating (e.g., excellent)]

1. The overall scientific merits of the proposal as demonstrated through (a) understanding of the problem, (b) soundness of the technical approach, (c) innovation and uniqueness of the project, and (d) feasibility (i.e., prospects for the project's success).

Score 3.5/5 Comments?

-project would investigate issues relating to creation of data delivery system for long-term program

-conceptual description of the issues is excellent

-proposal didn't describe present EVOS databases and what problems exist with present users

 -also, what about problems of migration of these data sets to GEM?

-existing standards (e.g., LTER) that could be adopted?

-should enlarge "net" to look at genome and biochemistry databases

-concern on the one hand about lack of awareness of CIIMMS and, on the other hand, too much emphasis on CIIMMS [comments from two different reviewers]

-project needs to identify what elements of a system are critical regardless of funds believed to be available; identifying costs that are fundamental to the system regardless of scale may largely drive determination of the funds available; beyond that, decisions can be made about additional elements that can be afforded

-project milestones do not specify when final product (i.e., strawman) will be delivered

 -30 July is shown as completion of final report on "data system issues and background"

-Trustee Council may need to set data policy before this project can be truly focused?

2. The potential contribution of the proposal to the identified recovery objectives. In other words, the extent to which the proposal will help achieve the restoration objectives identified for a given resource.

Score 3.5/5 Comments?

-it is essential that a data management policy and program is in place before any long-term

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

John F. Piatt, Ph.D.
Alaska Science Center NBS
1011 East Tudor Road
Anchorage, Alaska 99503

Alexander S. Kitaysky, Ph.D.
Univ of Washington Zoology Dept
24 Kincaid Hall
POB 351800
Seattle, Washington 98195-0005

RE: Project 00479 / Effects of Food Stress on Survival and Reproductive
Performance of Seabirds

Dear Drs. Piatt and Kitaysky:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00479/Effects of Food Stress on Survival and Reproductive Performance of Seabirds contingent on approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns (outlined below). I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Based on the results of pilot efforts that preceded Trustee Council support in FY 99, this project shows excellent potential for yielding cost-effective applications to seabird monitoring in the future. However, from the lengthy background and preliminary results presented in the Detailed Project Description (pp. 5-8), it appears that many of this project's objectives have been or are being satisfied. Given that an additional \$330,000 is requested for FY 00 through FY 02, we would like to see a much clearer presentation of specifically what will be accomplished in FY 00 and how it relates to the work that preceded it and that will follow it.

Please submit a revised Detailed Project Description (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. If you have questions about what we are looking for in the revised Detailed Project Description, please call the Chief Scientist, Dr. Bob Spies, directly to discuss it.

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My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Dede Bohn, the USGS-BRD liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Dr. Bob Spies, Chief Scientist
Dede Bohn, USGS-BRD Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|--|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00479 | Effects of Food Stress on Survival and Reproductive Performance of Seabirds | J. Piatt/USGS-BRD, A. Kitaysky/Univ. of Washington | DOI | Cont'd 2nd yr. 4 yr. project | \$125.2 | \$125.2 | \$129.6 | \$75.0 | \$329.8 |

Project Abstract

Traditional field methods of assessing effects of fluctuations in food supply on the survival and reproductive performance of seabirds may give equivocal results. This project will apply an additional tool: The measure of stress hormones in free-ranging seabirds. Food stress can be quantified by measuring base levels of stress hormones such as corticosterone in the blood of seabirds, or the rise in blood levels of corticosterone in response to a standardized stressor: capture, handling and restraint. These techniques will be applied to seabirds breeding in lower Cook Inlet and captive birds will be used for controlled experiments. This project provides a unique opportunity for a concurrent field and captive study of stress in seabirds.

Chief Scientist's Recommendation

This project is achieving very useful and interesting results that will have application in determining spatial and long-term interannual variability in food supply at seabird colonies in the northern Gulf of Alaska. Many of the objectives have been partly achieved already, although there appear to be few data yet on survival of tagged adults (Project 1338) that can be related back to stress during chick rearing. In view of the high cost of this project in its final three years, a revised Detailed Project Description summarizing progress and identifying specific objectives for FY 00 should be submitted. Fund contingent on submittal and review of a revised Detailed Project Description.

Executive Director's Preliminary Recommendation

Fund contingent on approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns (summarizing progress and identifying specific objectives for FY 00). This project will explore the use of corticosterone, a biochemical indicator of stress, as a tool to monitor seabird populations.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

David Cameron Duffy, Ph.D.
Paumanok Solutions
660 Ilikai Street
Kailua, Hawaii 96734

RE: Project 00163 / Alaska Predator Ecosystem Experiment in Prince William Sound
and the Gulf of Alaska (APEX)

Dave
Dear Dr. Duffy:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00163/Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX) contingent on receipt of the Project 98163 annual report (which was due April 15, 1999) and approval of a revised Detailed Project Description and budget that reduce the scope to the level projected in the FY 99 Work Plan (\$900,100). I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Both the Chief Scientist and I were disappointed at the excessive APEX budget proposed for FY 00, but on June 9th we received a draft revised budget for about \$1.2 million from Bruce Wright. My understanding is that the new approach would provide for data analysis and a final report in FY 00, and, at greatly reduced cost, a series of synthesis manuscripts to be prepared by selected principal investigators in FY 01. This may be a satisfactory approach, but we are reviewing it and the newly proposed budget in more detail. Once we have completed this review, I will back in touch with you or Bruce Wright.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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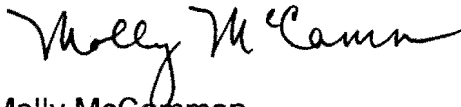
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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please give me a call.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|---|--|------------------------------------|--|------------------------------------|--------------|---|-------------|-------------|---------------|
| 00163-CLO | Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX) | D. Duffy/Paumanok Solutions, et al | NOAA | Cont'd 7th yr. 8 yr. project | \$1,763.2 | \$900.1 | \$150.0 | \$0.0 | \$1,050.1 |
| <p><u>Project Abstract</u></p> <p>This project will close out (data analysis, final report writing, and some manuscript preparation) Project /163, which is using seabirds as probes of the trophic (foraging) environment of Prince William Sound and comparing their reproductive and foraging biologies, including diet, with similar measurements from Cook Inlet, an area with apparently a more suitable food environment. These measurements are being compared with hydroacoustic, aerial, and net sampling of fish to calibrate seabird performance with fish distribution and abundance. This will allow a determination of the extent to which food limits the recovery of seabirds from the oil spill. Historical data from a variety of sources is being used to detect shifts in forage fish abundance and to test hypotheses explaining such shifts.</p> | | | <p><u>Chief Scientist's Recommendation</u></p> <p>APEX has apparently ignored the budget agreements made in previous years, since the project budget is so far over these targets. There was little in the proposal to justify the extreme cost overruns, and the project team must make the hard choices regarding allocating a declining budget. The project should be funded at the original closeout level to produce a set of synthesis manuscripts in a manner similar to the products of SEA (Sound Ecosystem Assessment, Project /320) and NVP (Nearshore Vertebrate Predator, Project /025). Funding for additional individual manuscripts would be next most important, followed by funding for conference attendance.</p> | | | <p><u>Executive Director's Preliminary Recommendation</u></p> <p>Fund closeout of this project contingent on (a) receipt of the Project 98163 annual report and (b) approval of a revised Detailed Project Description and budget that reduce the scope to the level projected in the FY 99 Work Plan (\$900.1). Work expected in FY 00 includes preparation of a final report and a set of synthesis manuscripts and submission of the manuscripts to peer reviewed journals. A proposal to fund revision of the final report following peer review and preparation of additional individual manuscripts is expected in FY 01.</p> | | | |

Exxon Valdez Oil Spill Trustee Council

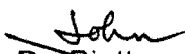
645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 14, 1999



John F. Piatt, Ph.D.
Alaska Science Center NBS
1011 East Tudor Road
Anchorage, Alaska 99503

RE: Project 00306-CLO / Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet
Project 00338 / Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance


Dear Dr. Piatt:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund both Project 00306/Ecology and Demographics of Pacific Sand Lance in Lower Cook and Project 00338/Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance. I have enclosed a copy of my preliminary recommendations on these projects, along with the Chief Scientist's recommendations on the projects' technical merits.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about these preliminary recommendations, please call me or Dede Bohn, the USGS-Biological Resources Division liaison to the Trustee Council.

Sincerely,


Molly McGammon
Executive Director

Enclosures

cc: Dede Bohn, USGS-Biological Resources Division

mm/raw

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|--|-------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00306-CLO | Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet | J. Piatt/USGS-BRD | DOI | Cont'd 4th yr. 4 yr. project | \$20.0 | \$20.0 | \$0.0 | \$0.0 | \$20.0 |

Project Abstract

This project will characterize the basic ecology, distribution, and demographics of sand lance in the Gulf of Alaska. Recent declines of upper trophic level species in the Northern Gulf of Alaska have been linked to decreasing availability of forage fishes. Sand lance is the most important forage fish in most nearshore areas of the northern gulf. Despite its importance to commercial fish, seabirds, and marine mammals, little is known or published on the basic biology of this key prey species. In FY 00, the project will focus on finishing reports and submitting publications to peer reviewed journals.

Chief Scientist's Recommendation

This is the final year of a project that will provide extremely valuable information on an ecologically important species and will produce several publications in the peer reviewed literature. Fund.

Executive Director's Preliminary Recommendation

Fund. This project will conclude in FY 00 with publication of a final report and four manuscripts, which will characterize the ecology, demographics and distribution of sand lance. Sand lance is a small forage fish of great ecological importance, especially to seabirds and marine mammals, species injured by the oil spill.

EXEC /E DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total ^a FY00-02 |
|----------|--|-------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|----------------------------|
| 00338 | Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance | J. Piatt/USGS-BRD | DOI | Cont'd 3rd yr. 4 yr. project | \$59.7 | \$59.7 | \$46.4 | \$0.0 | \$106.1 |

Project Abstract

Some seabird populations damaged by the oil spill continue to decline or are not recovering. In order to understand the ultimate cause of seabird population fluctuations, productivity, recruitment, and adult survival must be measured. Current studies in Project /163 (APEX) are focused on measuring productivity only. Recruitment measurement demands an unrealistic study duration. This project will augment current studies in lower Cook Inlet that relate breeding success and foraging effort to fluctuations in forage fish density by using banding and resighting to quantify the survival of adult common murres and black-legged kittiwakes.

Chief Scientist's Recommendation

This is the third year of a three-year project that should be extended to a fourth year due to the impact of El Niño on the ability to band birds early in the project. The results of this project will likely benefit interpretation of the APEX project (/163) and generate valuable information about overwinter survival. Fund.

Executive Director's Preliminary Recommendation

Fund. This project will provide information on whether the availability and quality of forage fish influence the survival of adult murres and kittiwakes. The results of this study will contribute to understanding of the recovery of these species following the oil spill.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Robert H Day, Ph.D.
ABR, Inc.
POB 80410
Fairbanks Alaska 99708-0410

RE: Project 00287-BAA / Seabird-Oceanographic Relationships in the Northern Gulf of Alaska: Integration with NSF/NOAA Study GLOBEC
Project 00516-BAA / Publication: Comparative Habitat Use by Kittlitz's and Marbled Murrelets

Bob
Dear Dr. Day:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council (a) fund Project 00287/Seabird-Oceanographic Relationships in the Northern Gulf of Alaska: Integration with NSF/NOAA Study GLOBEC contingent on approval of a revised budget that reflects the deletion of the August cruise and (b) also fund Project 00516/Publication: Comparative Habitat Use by Kittlitz's and Marbled Murrelets. I have enclosed copies of my preliminary recommendations on these projects, along with the Chief Scientist's recommendations on the projects' technical merits.

The Restoration Office estimate of the overall budget for Project 00287-BAA in FY 00 is \$137,400, including agency general administration. You should work from this number in developing your revised budget for this project. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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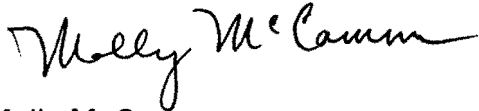
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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about these preliminary recommendations, please call me or Bruce Wright, the National Oceanic and Atmospheric Administration liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|--|--|------------------|--|---------------------------------|--------------|---|-------------|-------------|---------------|
| 00287-BAA | Seabird-Oceanographic Relationships in the Northern Gulf of Alaska: Integration with NSF/NOAA Study GLOBEC | R. Day/ABR, Inc. | NOAA | New 1st yr. 1 yr. project | \$164.9 | \$137.4 | \$0.0 | \$0.0 | \$137.4 |
| <u>Project Abstract</u> <p>This project will conduct a study of seabirds in the Northern Gulf of Alaska (Aialik Bay to Montague Island) by using a ship-of-opportunity sampling platform that is being used by the National Science Foundation/National Oceanographic and Atmospheric Administration project GLOBEC (U.S. Global Ocean Ecosystem Dynamics), which also will provide access to an extensive series of oceanographic data. This project is designed to identify ecological processes affecting temporal (seasonal and interannual) and geographic variability in the distribution and abundance of seabirds, including several species that were injured by the oil spill. It also will be useful to the restoration program by providing data on the year-round status of seabird populations and the processes that influence variability in their numbers.</p> | | | <u>Chief Scientist's Recommendation</u> <p>This is a good basic project that ties data on the distribution and density of seabirds to environmental data in the Gulf of Alaska. The project takes advantage of a ship of opportunity supported by the GLOBEC (U.S. Global Ocean Ecosystem Dynamics) program; in addition, the proposer has funded gathering of these seabird data for two years of GLOBEC cruises. Thus, for one year of Trustee Council support, we can obtain three years of data. The project may be valuable in contributing to the development of a long-term monitoring program, and it will help plug information gaps about injured species, such as the Kittlitz's murrelet. Participation in the August cruise should be eliminated. Fund contingent on a revised budget that eliminates the August cruise.</p> | | | <u>Executive Director's Preliminary Recommendation</u> <p>Fund contingent on approval of a revised budget that reflects deletion of the August cruise. This project will study the distribution and abundance of seabirds relative to oceanographic processes. The proposed study will complement APEX (Project /163), contribute to the design of a long-term ecosystem monitoring program, and provide more information about the Kittlitz's murrelet, an injured species about which little is known. This project is also cost-effective in that the final report will summarize the results of three years of study, the first two of which were carried out without Trustee Council funding.</p> | | | |

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|-----------|--|------------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00516-BAA | Publication: Comparative Habitat Use by Kittlitz's and Marbled Murrelets | B. Day/ABR, Inc. | NOAA | New 1st yr. 1 yr. project | \$21.0 | \$21.0 | \$0.0 | \$0.0 | \$21.0 |

Project Abstract

This project will analyze an existing data set and publish a paper on the comparative at-sea habitat use by Kittlitz's and marbled murrelets. Both species were classified as injured by the oil spill. At this time, nothing is known about at-sea ecological segregation and overlap in habitat use. An existing data set for both species will be ideal for examining these issues.

Chief Scientist's Recommendation

This project has developed unique and valuable data on a rare injured species, and it would be valuable to have this research published. Fund.

Executive Director's Preliminary Recommendation

Fund. This project will produce a manuscript on differences in at-sea habitat use by marbled murrelets and Kittlitz's murrelets, two species injured by the oil spill. There appears to be an overlap in habitat and therefore competition for food. Each species of murrelet may be hindering the recovery of the other species. The manuscript would yield insight on the recovery of these two species.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Brian Lance
Migratory Bird Management
US Fish & Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99503

David Irons, Ph.D.
US Fish & Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99503

RE: Project 00159 / Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2000

Dear Mr. Lance and ^{Dave}~~Dr. Irons~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00159/Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2000 contingent on approval of a revised budget that deletes funding for outboard motors in FY 00. The motors were funded in FY 99. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimate of the overall budget for Project 00159 is \$233,600, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Catherine Berg, U.S. Fish and Wildlife Service liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Catherine Berg, U.S. Fish and Wildlife Service Liaison

mmv/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total, FY00-02 |
|---|--|--------------------------|---|------------------------------------|--------------|--|-------------|-------------|----------------|
| 00159 | Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2000 | B. Lance, D. Irons/USFWS | DOI | Cont'd 7th yr. 9 yr. project | \$299.6 | \$233.6 | \$37.0 | | \$270.6 |
| <p><u>Project Abstract</u></p> <p>This project will conduct small boat surveys to monitor abundance of marine birds and sea otters in Prince William Sound during March and July 2000. Six previous surveys have monitored population trends for more than 65 bird and eight marine mammal species in Prince William Sound. Data collected in 2000 will be used to continue to examine trends from summer 1989-00 and from winter 1990-00 by determining whether populations in the oiled zone changed at the same rate as those in the unoiled zone. Overall population trends for Prince William Sound from 1989-00 will be examined. Data collected in 1998 indicated that none of the designated injured species showed evidence of recovery in either winter or summer populations from 1989-1998.</p> | | | <p><u>Chief Scientist's Recommendation</u></p> <p>This project will conduct a seventh round of boat surveys for marine bird and mammal species. These surveys are a primary means of monitoring injury to and recovery of many injured species. The methods and data analysis are well established, and the principal investigators have done a good job publishing the survey results. Although the project is expensive, the cost per species is low. Fund.</p> | | | <p><u>Executive Director's Preliminary Recommendation</u></p> <p>Fund contingent on approval of a revised budget that reflects funding for outboard motors received in FY 99. This project will conduct the seventh biennial survey of marine bird abundance in Prince William Sound. These surveys are the primary means of monitoring the recovery of several seabird species and other wildlife. Costs estimated for FY 01 include preparation of a report on the FY 00 survey. Funding requests for additional surveys (FY 02 and beyond) will be considered in the context of GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term research and monitoring program currently under development).</p> | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Kathryn J. Frost
Alaska Department of Fish & Game Division of Wildlife Conservation
1300 College Road
Fairbanks, Alaska 99701-1559

RE: Project 00064-CLO / Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound
Project 00564 / Harbor Seals on Glacier Ice in Prince William Sound: Habitat Use, Trophic Interactions and Abundance

Kathy
Dear Ms. Frost:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council (a) fund Project 00064/Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound, contingent on approval of a reduced budget and submittal of the annual report for Project 98064 and (b) not fund Project 00564/Harbor Seals on Glacier Ice in Prince William Sound: Habitat Use, Trophic Interactions and Abundance. I have enclosed copies of my preliminary recommendations on these projects, along with the Chief Scientist's recommendations on the projects' technical merits.

Regarding Project 00064, the Restoration Office estimate of the overall budget is \$129,400, including agency general administration. This budget estimate reflects a reduction in the travel line item for conference attendance. The budget instructions say that the Council will fund attendance at one professional conference for the principal investigator only. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.)

Regarding Project 00564, the Chief Scientist has raised questions about the need for this study, considering the findings related to seal movement from your ongoing work.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee

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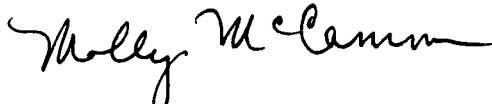
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Alaska Department of Environmental Conservation
Alaska Department of Law

Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about these preliminary recommendations, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

A handwritten signature in cursive script, reading "Molly McCammon".

Molly McCammon
Executive Director

Enclosures

cc: Claudia Slater, Alaska Department of Fish and Game Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|---|---|---------------|--|------------------------------------|--------------|---|-------------|-------------|---------------|
| 00064-CLO | Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound | K. Frost/ADFG | ADFG | Cont'd 6th yr. 6 yr. project | \$130.9 | \$129.4 | \$0.0 | \$0.0 | \$129.4 |
| <u>Project Abstract</u> <p>This project is the final year of a project to monitor the status of harbor seals in Prince William Sound and investigate the hypothesis that food limitation to pups and juveniles has caused the ongoing decline. Aerial surveys will be conducted during molting to determine whether the population continues to decline, stabilizes, or increases. Trend analysis using Bayesian statistics will be completed and a manuscript submitted for publication. No additional field work other than the aerial surveys will be conducted. Fatty acids analysis will be conducted on blubber samples collected during Summer 1999, and development of mathematical models will be continued to estimate seal diets and whether they have changed both within the 1990s and since the 1970s.</p> | | | <u>Chief Scientist's Recommendation</u> <p>The majority of the remaining work to close out this project will be data analysis and manuscript preparation. Continued monitoring beyond FY 00 may be appropriate under a new project. Fund.</p> | | | <u>Executive Director's Preliminary Recommendation</u> <p>Fund contingent on (a) approval of a reduced budget and (b) submittal of Project 98064 annual report (due June 20, 1999). This project has found that the decline in harbor seal populations has slowed in recent years and the Prince William Sound harbor seal population may be stabilizing. Project reports will help explain the decline in harbor seals in Prince William Sound and document recent trends. Study results will help resource managers, subsistence users and others focus their efforts to protect harbor seal populations on the most probable causes of the decline.</p> | | | |

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|---|--|---------------|---|---------------------------------|--------------|---|-------------|-------------|---------------|
| 00564 | Harbor Seals on Glacial Ice in Prince William Sound: Habitat Use, Trophic Interactions and Abundance | K. Frost/ADFG | ADFG | New 1st yr. 3 yr. project | \$122.4 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| <p><u>Project Abstract</u></p> <p>This project will study harbor seals on glacial ice haulouts in Prince William Sound. During 1989-99, harbor seals on rocky intertidal haulouts in central and southern Prince William Sound were studied under Project /064. This project will conduct similar studies in glacial ice areas of Prince William Sound by (a) conducting aerial surveys of glacial ice haulouts during molting to determine abundance, (b) comparing diet of these and other Prince William Sound seals using fatty acids analysis of blubber, (c) studying body condition using D₂O equilibration, and (d) studying movements, habitat use and site fidelity by instrumenting seals with satellite tags. Emphasis will be on pups and juveniles, the age groups most likely to be affected by changes in food availability.</p> | | | <p><u>Chief Scientist's Recommendation</u></p> <p>This project would extend work on monitoring, habitat use, and trophic interactions previously carried out in west-central Prince William Sound to the glaciated areas in northern Prince William Sound. The ongoing work (Project /064) in west-central Prince William Sound has been very strong, but I question the need for and importance of essentially repeating this intensive and expensive study in the northern part of the sound. The satellite tagging results indicate little permanent movement of harbor seals from central to northern Prince William Sound, so the population dynamics of harbor seals in the northern sound seem to have a weak relationship to the oil spill. The principal investigator has not published extensively on the current work, although an important paper on population trends is "in press." The priority in FY 00 should be to properly conclude and publish more results from the ongoing project (/064). Do not fund.</p> | | | <p><u>Executive Director's Preliminary Recommendation</u></p> <p>Do not fund. The Chief Scientist has raised questions about the need for this study, considering the findings related to seal movement from this principal investigator's ongoing work (Project /064).</p> | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



MEMORANDUM

To: Doug Dasher, Alaska Dept. of Environmental Conservation
Carl Hild, Institute for Circumpolar Health Studies
Phil Johnson, U.S. Fish and Wildlife Service
Suzanne Marcy, U.S. Environmental Protection Agency
John Middaugh, Alaska Dept. of Health and Social Services
Stanley Rice, National Marine Fisheries Service
Claudia Slater, Alaska Dept. of Fish and Game

From: Molly McCann, Executive Director
Robert Spies, Chief Scientist

Subject: Preliminary discussion on planning for a contaminants component of the Gulf Ecosystem Monitoring program

Date: June 14, 1999

Contaminants

Background

Some of you are aware that the Exxon Valdez Oil Spill Trustee Council recently committed at least \$115 million of funds from its Restoration Reserve in support of a long-term monitoring and research program in the northern Gulf of Alaska. The working title is GEM, the Gulf Ecosystem Monitoring program. Although planning for the scope and content of GEM is in an early stage, we expect that it will include a contaminants component. Since GEM will be an ecological program, emphasizing changing conditions and factors that influence biological productivity over the long-term, we expect that the contaminants component will emphasize environmental contamination and be tightly integrated with the rest of the program.

Under present projections, about \$5-6 million is available for the entire GEM program. Of this amount, perhaps \$2.5 to \$3 million will be allocated for annual monitoring. Most of this will be used for monitoring of physical and biological oceanography, primary productivity, and other factors influencing populations and productivity at higher trophic levels. A small proportion of the funds allocated for annual monitoring will be available for contaminants work.

Proposed Meeting

Given the background presented above, we are interested in convening a small meeting of persons knowledgeable about contaminants issues, data, and projects in

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Alaska Department of Law

Alaska. If you are not available or the best person to represent your agency at this meeting, please let us know of an alternate. Please also bear in mind that as planning for the GEM program proceeds, other experts and stakeholders will have opportunity to participate.

The purpose of the proposed meeting is not to plan the GEM contaminants component, but to generally assess agency mandates and existing information and to broadly explore what might be possible and relevant within the context of GEM. There potentially is a small amount of planning money available in FY 00, and the Alaska Department of Environmental Conservation submitted a preliminary proposal to lead that project. Thus, a specific goal of the meeting is to decide what steps should be undertaken to plan for a contaminants component in GEM. We also need to assess whether it is necessary to hire a consultant to assist in the planning effort and, if so, to define the scope of work. Attached to this memorandum is a rough draft of an agenda.

We are looking at July 12 or 14 as possible dates for a one-day meeting (9 am-3 pm) at the Restoration Office in Anchorage. Are you or an alternate at your agency interested in participating in this meeting and available on one of these dates? If you have a preference for one or the other, please let us know.

Please reply to Rebecca Williams at the Restoration Office by Wednesday, June 30. She can be reached at 907-278-8012 or by e-mail at rebecca_williams@oilspill.state.ak.us. Thank you, and we look forward to hearing from you.

encl: (1)

cc: Michele Brown, Alaska Dept. of Environmental Conservation
Craig Tillery, Alaska Dept. of Law
Trustee Council Agency Liaisons

**Gulf Ecosystem Monitoring (GEM) Program
Preliminary Discussion on Planning for a Contaminants Component**

July 12 or 14, 1999
Restoration Office
Anchorage, Alaska
9 a.m.-3 p.m.

Tentative Agenda

Overview of GEM, including purposes, content, and timetable (Molly McCammon)

Early perspective on contaminants work within GEM (Robert Spies)

Agency mandates and existing information on contaminants (discussion led by Marianne See, ADEC)

Nature and purposes of contaminants work within GEM (discussion led by McCammon and Spies)

Information needs and steps to be undertaken to develop contaminants component (discussion led by McCammon and Spies)

Need and scope of work for a consultant (discussion led by See)

Wrap up and assignments (McCammon)

*** ACTIVITY REPORT ***

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| RESULT | OK |

Exxon Valdez Oil Spill Trustee Council

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FAX COVER SHEET

To: See - Memo Number: _____
From: Mally McCammon Date: 6/14/99
Robert Spies
Comments: _____ Total Pages: 4 with cover.

Memo- Preliminary
discussion - GENET

FAX COMPLETE

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3-16-99

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FAX COVER SHEET

To: Agency Liaison

Total Pages: 4 w/cover

From: Molly McCannon

Date: 6/14/99

Memo - Preliminary discussion
GEM

FAX COMPLETE

AGENCY LIAISON MEMBERS INCLUDE:

Catherine Berg

Bruce Wright

Claudia Slater

Bob Spies

Carol Fries

Bud Rice

Veronica Christman

Ken Holbrook

Marianne See

Gina Belt

Dede Bohn

HARD COPY TO FOLLOW NO

Document Sent By: Paula

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BRUCE WRIGHT

[15] 2698918

CAROL FRIES

[17] 2713992

GIBBONS/HOLBROOK

[18] 2672464

C. SLATER

[20] 7863350

C. BERG

[21] 2572517

B. RICE

[22] 7863636

D. BOHN

[26] 2697508

MARIANNE SEE

[35] 19253737834

B. SPIES

[38] 2715827

G. BELT

ERROR

Rebecca Williams

From: Bud Rice [Bud_Rice@nps.gov]
Sent: Monday, June 14, 1999 2:00 PM
: rebecca_williams@oilspill.state.ak.us
Subject: GEM Contaminants Discussion

Rebecca,

In case you want to hear from agency liaisons, I can be available either 7/12 or 7/14 for part or all of the proposed meeting. I have copied the fax to park personnel to obtain any concerns they may have for contaminants monitoring.

Thanks,

Bud

● Carl Hild

14th is better for
him rather than
the 12th

Suggestions

USGS-ERD

① Bill Sites

→ ② Jim Burner - critical
Alutian Tribal
Health Consort

EPA Grant

→ AK Sea Otter Steller
Sealion Conservation
③ Kim Williams

Exxon Valdez Oil Spill T

645 G Street, Suite 401, Anchorage, AK 99501

April 27, 1999

Greg Spears
Egan Civic & Convention Center
Assistant Center Manager
555 West 5th Avenue
Anchorage, Alaska 99501

Dear Mr. Spears:

I wanted to personally thank you on behalf of the
Council for your assistance in making the
Legacy of an Oil Spill: Ten Years After

Rebecca Williams

From: Bud Rice [Bud_Rice@nps.gov]
Int: Tuesday, June 15, 1999 6:03 AM
: Rebecca Williams
Subject: Re:RE: GEM Contaminants Discussion

It now looks like I will have a field trip from 7/13-15 in Denali National Park, so 7/12 works best for me now. Bud

Reply Separator

Subject: RE: GEM Contaminants Discussion
Author: "Rebecca Williams" <rebecca_williams@oilspill.state.ak.us>
Date: 06/15/1999 8:18 AM

Great! Thanks, Bud.

-----Original Message-----

From: Bud Rice [mailto:Bud_Rice@nps.gov]
Sent: Monday, June 14, 1999 2:00 PM
To: rebecca_williams@oilspill.state.ak.us
Subject: GEM Contaminants Discussion

Rebecca,

In case you want to hear from agency liaisons, I can be available either 7/12 or 7/14 for part or all of the proposed meeting. I have copied the fax to

ask personnel to obtain any concerns they may have for contaminants monitoring.

Thanks,
Bud

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by ancmail1.state.ak.us (Netscape Messaging Server 3.6)
with SMTP id AAA6592 for <Bud_Rice@nps.gov>;
Tue, 15 Jun 1999 08:18:21 -0800

From: "Rebecca Williams" <rebecca_williams@oilspill.state.ak.us>
To: "Bud Rice" <Bud_Rice@nps.gov>
Subject: RE: GEM Contaminants Discussion
Date: Tue, 15 Jun 1999 08:18:03 -0800
Message-ID: <000201beb74a\$a53f3b00\$0a193f92@rebeccaw.state.ak.us>
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X-Priority: 1 (Highest)
X-MSMail-Priority: High
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2173.0
MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4
Importance: High
In-Reply-To: <002822EE.1235@nps.gov>

Rebecca Williams

From: Middaugh, John P. [JOHNM@health.state.ak.us]
Sent: Tuesday, June 15, 1999 1:16 PM
: 'Williams, Rebecca'
Subject: RSVP--Proposed meeting for July

I am happy to accept your invitation to attend a meeting on either July 12 or 14 to discuss a contaminants component of the Gulf Ecosystem Monitoring Program. Please let me know the date you pick. Would it be acceptable for me to also bring my toxicologist, Lori Verbrugge, with me to the meeting?

Rebecca Williams

From: Dasher, Doug [DDasher@envircon.state.ak.us]
Sent: Monday, June 21, 1999 12:55 PM
To: GEM - Rebecca Williams
Cc: See, Marianne; King, Ron
Subject: GEM Contaminants Component

Rebecca - I am interested in attending a meeting on discussion of what steps should take place to develop a contaminants component of GEM. I would be available on the 12 or 14th of June, though would prefer the 14th. Please let me know which day you have selected so I can make the travel arrangement.

Thanks - Doug
Douglas H. Dasher, P.E.
Alaska Dept. of Environmental Conservation
Environmental Radiation Program
610 University Ave.
Fairbanks, AK 99709
Ph. (907) 451-2172
Fax (907) 451-2187
E-mail: ddasher@envircon.state.ak.us

| | 12 | 14 WED |
|-----------------------------|-----------------------------|---------------|
| Bad R. | available | not available |
| Carl Hild | available | prefers 14th |
| Ken Holbrook | available | available |
| John Middaugh | available | available |
| Phil Johnson | available | available |
| Doug Dasher | available | prefers |
| HI-5083 Suzanne Marcy | Prib. | Islands |
| Jeff Rice | available | available |
| Claudia Slater | left V.M. 6/21 available | available |

any ideas for pack up
materials that should
be distributed
contact me by
7/2

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Daniel D. Roby, Ph.D.
Oregon Coop Wildlife Research Unit
104 Nash Hall, OSU
Corvallis, Oregon 97331-3803

RE: Project 00327 / Pigeon Guillemot Restoration Research at the Alaska SeaLife Center

Dan
Dear Dr. Roby:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00327/Pigeon Guillemot Restoration Research at the Alaska SeaLife Center contingent on approval of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns and (b) a reduced budget. The Chief Scientist's recommendation on the project is enclosed, as is a copy of my preliminary recommendation on the project.

A revised Detailed Project Description should be submitted, along with a revised budget, to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (Please submit three paper copies and an electronic copy of the DPD. Submit three paper copies of the budget; an electronic copy of the budget is not needed.) The Restoration Office estimate of the overall budget for Project 00327 in FY 00 is \$172,300, including agency general administration. This budget estimate reflects a reduction in the travel line item for conference attendance as well as the elimination of travel costs also budgeted for this purpose in Project 00163G. Enclosed is the list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

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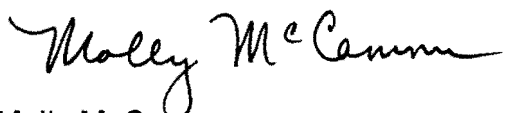
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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Catherine Berg, the U. S. Fish and Wildlife Service's liaison to the Trustee Council.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosures

cc: Catherine Berg, U. S. Fish and Wildlife Service Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|----------------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00327 | Pigeon Guillemot Restoration Research at the Alaska SeaLife Center | D. Roby/Oregon State Univ. | DOI | Cont'd 3rd yr. 4 yr. project | \$179.0 | \$172.3 | \$93.6 | \$0.0 | \$265.9 |

Project Abstract

This project tests the feasibility of restoration techniques for pigeon guillemots (e.g., installation of artificial nest sites, use of social attractants, captive propagation and release). It also includes controlled experiments crucial to two other restoration objectives: (a) development of nondestructive biomarkers of petroleum hydrocarbon contamination in seabirds and (b) understanding how dietary factors (prey species composition, prey size, lipid content, feeding frequency) constrain growth, development, and condition at fledging in guillemots and other fish-eating seabirds.

Chief Scientist's Recommendation

This project will test the feasibility of establishing a new breeding colony of free-flying pigeon guillemots at the Alaska SeaLife Center as well as test the effects of diet on chick growth and identify blood biomarkers indicating exposure to petroleum hydrocarbons. This proposal is for the third year of a four-year project. There are some questions about the adequacy of the sample sizes for the diet treatments and dosing. Fund contingent on a revised Detailed Project Description addressing these issues.

Executive Director's Preliminary Recommendation

Fund contingent on approval of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns and (b) a reduced budget. This project will test a restoration method for pigeon guillemots and develop information on the effects of diet and oil on the blood chemistry and growth of nestling guillemots. [NOTE: Funds for Alaska SeaLife Center bench fees (approximately \$18.9) need to be added to this project.]

00327

ITEMS CONSIDERED IN REVIEW OF FY 00 BUDGETS

1. Level of funding authorized in FY 99 and projection, at that time, of FY 00 budget. Items budgeted for FY 99 but not implemented should not be funded again in FY 00 unless the proposer can verify that he/she will lapse the "unused" FY 99 funds. Review and note relevant FY 98 audit results.
2. Direction given by Trustee Council and/or Chief Scientist in FY 99 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 99.
4. Personal Services: Note if number of months has increased significantly over FY 99 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 00250.
6. Travel: Note if travel has increased significantly over FY 99 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: Travel and per diem for two days for only those PIs (and co-PIs if appropriate) whose projects will be the subject of a technical review session: SEA and related projects (1320, 1340, 1393), APEX (1163), pink salmon (1190, 1476), herring (1311, 1375, 1462), marine mammals (1064, 1341, 1371, 1423, 1441), and subsistence (1052, 1210, 1273, 1401). The review sessions will likely be held in Anchorage.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 00 (DPD

must also include subject/title of manuscript, name of peer reviewed journal to which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 00 (or rolled into a non-severable contract in FY 00).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 63 of Invitation for more detail).
14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 99 Final Work Plan) in FY 2001 and 2002.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178
June 11, 1999



Vicki Vanek
Division of Subsistence
Alaska Department of Fish & Game
POB 1163
Kodiak, Alaska 99615

Monica Riedel, Executive Director
Alaska Harbor Seal Commission
POB 2229
Cordova, Alaska 99574

RE: Project 00245 / Community-Based Harbor Seal Management and Biological
Sampling

 
Dear Ms. Vanek and Ms. Riedel:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00245/Community-Based Harbor Seal Management and Biological Sampling contingent on approval of a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office's estimate of the overall budget for the project in FY 00 is \$51,400, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (An electronic copy of the revised budget is not needed.) Enclosed is a list of items considered in the review of your budget. This list may help you prepare a revised budget.

The target budget of \$51,400 reflects a reduction of \$4,800 in the contractual line item of the budget for the Alaska Native Harbor Seal Commission (ANHSC) and a reduction of \$300 in agency general administration. The budget for the ANHSC includes \$4,800 for phone, postage and insurance, which are usually covered by the indirect rate. These charges should be eliminated from the revised budget unless the Alaska Native Harbor Seal Commission submits evidence that these charges are directly related to the project and that documentation of these expenses will be maintained. (See item #13 on the attached list.) Records from prior years should be sufficient.

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National Oceanic and Atmospheric Administration

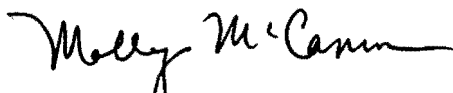
State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the Alaska Department of Fish and Game's liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCommon". The signature is fluid and cursive, with the first name "Molly" and last name "McCommon" clearly distinguishable.

Molly McCommon
Executive Director

Enclosures

cc: Claudia Slater, Alaska Department of Fish and Game

mm/raw

ITEMS CONSIDERED IN REVIEW OF FY 00 BUDGETS

1. Level of funding authorized in FY 99 and projection, at that time, of FY 00 budget. Items budgeted for FY 99 but not implemented should not be funded again in FY 00 unless the proposer can verify that he/she will lapse the "unused" FY 99 funds. Review and note relevant FY 98 audit results.
2. Direction given by Trustee Council and/or Chief Scientist in FY 99 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 99.
4. Personal Services: Note if number of months has increased significantly over FY 99 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 00250.
6. Travel: Note if travel has increased significantly over FY 99 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: Travel and per diem for two days for only those PIs (and co-PIs if appropriate) whose projects will be the subject of a technical review session: SEA and related projects (\320, \340, \393), APEX (\163), pink salmon (\190, \476), herring (\311, \375, \462), marine mammals (\064, \341, \371, \423, \441), and subsistence (\052, \210, \273, \401). The review sessions will likely be held in Anchorage.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 00 (DPD

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|---|-------------|-------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00245 | Community-Based Harbor Seal Management and Biological Sampling | V. Vanek/ADFG, M. Riedel/Alaska Native Harbor Seal Commission | ADFG | *Cont'd 7th yr. 9 yr. project | \$56.5 | \$51.4 | | | \$51.4 |

Project Abstract

This project continues, at a reduced level, work supported through previous harbor seal restoration projects (/244 and /245). A biological sample collection program in Prince William Sound, lower Cook Inlet, and Kodiak Island will continue. A training initiative will take place in a Chignik area community (Alaska Peninsula). Village-based technicians are selected by the Alaska Native Harbor Seal Commission and trained by the Alaska Department of Fish and Game to collect samples. The samples are transported to Anchorage or Kodiak for further sampling and distribution to participating scientists for analysis. The Alaska Native Harbor Seal Commission will produce and distribute a newsletter with summaries of the biological sampling program.

Chief Scientist's Recommendation

This project involves communities and subsistence users in providing samples that could not otherwise be obtained by harbor seal scientists. The project is popular and meeting its objectives. Before there is a funding commitment beyond FY 00, there should be further review of this project and its significance for other harbor seal work sponsored by the Trustee Council. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on approval of a reduced budget. This project will enable the Alaska Native Harbor Seal Commission to continue its biological sample collection program for harbor seals in Prince William Sound, lower Cook Inlet and the Kodiak area. These samples are provided to restoration projects that seek to explain why harbor seals are not recovering. Funding in FY 01 and beyond should be contingent on review of this project and its relevance to future harbor seal restoration projects. FY 00 will be the final year of sampling for current harbor seal projects.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 11, 1999



Lowell H. Suring
Chugach National Forest
3301 C Street, Suite 300
Anchorage, Alaska 99503

RE: Project 00339 / Publication: Prince William Sound Human Use and Wildlife
Disturbance Model
Project 00399 / Eastern Prince William Sound Human Use and Wildlife
Disturbance Model

Dear Mr. Suring:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council (a) defer a decision on funding Project 00339/Publication: Prince William Sound Human Use and Wildlife Disturbance Model until the model and final report being prepared under Project 99339 have been completed and peer reviewed and (b) not fund Project 00399/Eastern Prince William Sound Human Use and Wildlife Disturbance Model. The Trustee Council may reconsider Project 00399 in FY 01 after the model being developed under Project 99339 for western Prince William Sound has been completed and peer reviewed.

I understand that, due to the departure of Karen Murphy, one of the principal investigators, the model and final report on Project 99339 may be delayed into FY 00. I also understand that there may be a request for a small amount of funding in FY 00 for completion of the model and final report; the request would be roughly equal to an amount to be lapsed from the FY 99 project. If this is in fact the case, I would ask that you submit a revised budget for Project 00339 which includes and carefully delineates these costs and a revised Detailed Project Description that lays out the schedule for model/report completion. The revised DPD (three paper copies and an electronic copy) and revised budget (three paper copies only; an electronic copy is not needed) should be submitted to the Restoration Office, Attn: Sandra Schubert by **July 8, 1999**.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will

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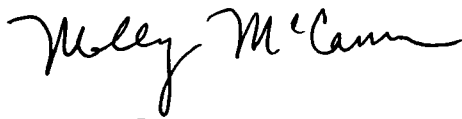
State Trustees

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Alaska Department of Environmental Conservation
Alaska Department of Law

make a final recommendation to the Trustee Council. Trustee Council action on all but deferred projects is scheduled for August 10. Council action on deferred projects is expected in December.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. I have enclosed copies of my preliminary recommendations on your projects, along with summaries of the Chief Scientist's recommendations on the projects' technical merits. If you have any questions about these preliminary recommendations or the project review process, please call me or Ken Holbrook, the U.S. Forest Service liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Ken Holbrook, U.S. Forest Service

mm/raw

EXEC VE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|---------------------------|-------------|---------------|--------------|-------------|-------------|-------------|---------------|
| 00399 | Eastern Prince William Sound Human Use and Wildlife Disturbance Model | K. Murphy, L. Suring/USFS | USFS | New | \$179.1 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

1st yr.
3 yr. project

Project Abstract

This project is an expansion of the human use and wildlife disturbance model being developed for western Prince William Sound (Project /339). The project will use geographic information system (GIS) techniques to describe current human-use patterns in eastern Prince William Sound and to model potential changes in those use patterns as a result of additional development. Maps of present and projected human-use patterns will be incorporated with maps of the distribution of injured resources. This will provide a basis to identify areas where there may be conflicts between human use and wildlife concentrations resulting in disturbance. Disturbance of injured wildlife may result in decreased productivity, exacerbating the effects of the oil spill and prolonging the time to recovery. Identification of potential areas of disturbance will allow development of recommended management practices that may eliminate or minimize the negative effects of increasing human use. All injured resources and subsistence species will be addressed in a general approach but specific management recommendations will be developed for harbor seal, pigeon guillemot and cutthroat trout.

Chief Scientist's Recommendation

Until the western Prince William Sound model (Project /339) is completed, funding of this project is premature. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. This project would expand to eastern Prince William Sound the human use and wildlife disturbance model being developed for western Prince William Sound (Project /339). Because the model is not yet completed, it would be premature to fund the expansion of the model at this time.

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|---------------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00339 | Publication: Western Prince William Sound Human Use and Wildlife Disturbance Model | K. Murphy, L. Suring/USFS | USFS | Cont'd 3rd yr. 2 yr. project | \$22.4 | \$22.4 | \$0.0 | \$0.0 | \$22.4 |

Project Abstract

This project will support preparation of manuscripts for publication in professional journals. One manuscript will address the use of geographic information system (GIS) techniques to describe current human-use patterns in western Prince William Sound and to model potential changes in those use patterns as a result of additional development. A second manuscript will document use of the GIS generated maps of present and projected human-use patterns and their incorporation with GIS maps of the distribution of resources injured as a result of the oil spill. The manuscripts and the resulting process to develop management recommendations should be useful to land managers in their land management planning efforts.

Chief Scientist's Recommendation

This project would prepare two manuscripts to close out the human-use project in western Prince William Sound. However, the current project is behind schedule in completion of the final report, including a description of current human uses (e.g., boat traffic) and a predictive model. It seems likely that the predictive model will not be complete until next fiscal year (FY 00). A decision on this project as proposed should be deferred until the U.S. Forest Service has provided information on how and when the basic project will be completed.

Executive Director's Preliminary Recommendation

Defer decision on funding this project until the model and final report being prepared under Project 99339 have been completed and peer reviewed. This project would prepare two manuscripts on the development and application of a model for projecting future impacts of human use on resources injured by the oil spill in western Prince William Sound.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 11, 1999

Brenda Norcross
UAF-IMS-SFOS
200 O'Neill Building
Fairbanks, Alaska 99775-7220

RE: Project 00373 / Effect of the Oil Spill on Herring Spawning Locations and Use of
Nursery Areas
Project 00374 / Regional Analysis of Juvenile Herring in Prince William Sound


Dear Ms. Norcross:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00373/Effect of the Oil Spill on Herring Spawning Locations and Use of Nursery Areas as a separate project, but consider incorporating the objectives of this proposal into Project 00374/Regional Analysis of Juvenile Herring in Prince William Sound. I am also recommending, however, that a decision on funding Project 00374 be deferred until after a herring synthesis workshop, tentatively scheduled for Fall 1999, is convened. There is need for additional work on herring and the Chief Scientist hopes that you will be able to attend the workshop, at which future directions for the herring effort will be discussed. More details on the workshop will be provided later this summer.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10. Council action on deferred projects is expected in December.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. I have enclosed a copy of my preliminary recommendations on your projects, along with the Chief Scientist's recommendations on the projects' technical merits. If you have any

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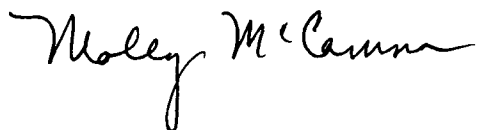
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

questions about these preliminary recommendations or the project review process, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Claudia Slater, Alaska Department of Fish and Game

mm/raw

EXEC VE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|--|--|--|-------------|---|--------------|-------------|-------------|-------------|---------------|
| 00373 | Effect of the Oil Spill on Herring Spawning Locations and Use of Nursery Areas | B. Norcross/UAF | ADFG | New 1st yr. 1 yr. project | \$47.8 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| <u>Project Abstract</u> | | <u>Chief Scientist's Recommendation</u> | | <u>Executive Director's Preliminary Recommendation</u> | | | | | |
| This project will study the importance of the two factors that were identified by the Sound Ecosystem Assessment (SEA, Project /320) herring component as critical steps to successful recruitment, i.e., the effect of herring spawning location and the effect of how the larvae are distributed. Using physical circulation modeling of Prince William Sound developed under SEA, climate scenarios that result in herring larvae being transported from spawning locations to nursery areas will reveal which areas are most likely to retain herring larvae in the sound in locations conducive to successful development as juveniles. This technique also will show the potential effect on herring spawned or distributed within the spill area. | | This proposal has the potential to provide a needed synthesis of herring research in an analytical framework. However, as part of a suite of projects being proposed, there seems to be too little coordination between projects to produce a synthesis that will usefully advance our management of this commercially and ecologically important injured resource. A synthesis effort based around the construction of an analytical model to assemble and organize existing knowledge is necessary if additional research is to produce information of high value to management of this resource. There is too much overlap among projects 00373, 00374, 00375, and 00389. The objectives of this proposal should be integrated into Project 00374. Do not fund. | | Do not fund. This project should be integrated with Project 00374. There is a great deal of overlap between these two projects. | | | | | |

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|--|---|-----------------|---|---------------------------------|--------------|---|-------------|-------------|---------------|
| 00374 | Regional Analysis of Juvenile Herring in Prince William Sound | B. Norcross/UAF | ADFG | New 1st yr. 1 yr. project | \$40.1 | \$35.5 | \$0.0 | \$0.0 | \$35.5 |
| <u>Project Abstract</u> <p>This project will further analyze larval and herring distribution data collected within bays in Prince William Sound during the Sound Ecosystem Assessment project (SEA, /320). Specifically, the small-scale distribution of herring in relation to physical characteristics within bays used as nursery areas will be examined. This should result in an explanation of differences in factors that affect survival of juvenile herring among bays discovered during SEA. Broader implications will be examined by comparing the results to those of Atlantic herring.</p> | | | <u>Chief Scientist's Recommendation</u> <p>Small-scale hydrographic processes are important in determining susceptibility of larvae at different localities to transport within and out of Prince William Sound. This is where we start to use the information the SEA project (Sound Ecosystem Assessment, /320) collected. Projects 00373 and 00374 should be integrated into a coherent package of hypotheses regarding processes of retention and transport of herring larvae and implications for stock structure, monitoring and management programs. Defer, pending a herring synthesis workshop which should be held in Fall 1999.</p> | | | <u>Executive Director's Preliminary Recommendation</u> <p>Defer decision on funding this project until after the herring synthesis workshop tentatively scheduled for Fall 1999. Consideration should be given to funding a revised proposal that integrates projects 00373 and 00374, addresses other concerns raised by the Chief Scientist, and implements recommendations resulting from the workshop.</p> | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178
June 11, 1999



Gordon H. Reeves, Ph.D.
USFS, Pacific NW Research Station
3200 SW Jefferson Way
Corvallis, Oregon 97331

Douglas F. Markle
Dept of Fisheries & Wildlife
Oregon State University
Corvallis, Oregon 97331

RE: Project 00392 / Growth Rates of Cutthroat Trout and Dolly Varden in Prince William Sound: Comparison of Populations in Oiled and Unoiled Sites

Dear Dr. Reeves and Mr. Markle:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00392/Growth Rates of Cutthroat Trout and Dolly Varden in Prince William Sound: Comparison of Populations in Oiled and Unoiled Sites. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Ken Holbrook, U. S. Forest Service Liaison

mm/raw

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|--|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00392 | Growth Rates of Cutthroat Trout and Dolly Varden in Prince William Sound: Comparison of Populations in Oiled and Unoiled Sites | G. Reeves/USFS, D. Markle/Oregon State Univ. | USFS | New 1st yr. 3 yr. project | \$159.4 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

Dolly Varden and cutthroat trout are listed as injured resources whose recovery is unknown. They were originally listed as injured because studies following the oil spill found that growth rates of populations in oiled areas were less than those of populations in unoiled areas. This project will examine growth rates of populations in oiled and unoiled areas by comparing sites with similar geographic features. Results from this study will determine the status of these species.

Chief Scientist's Recommendation

This proposal from qualified investigators will provide information useful for tracking recovery of cutthroat trout and for managing cutthroat trout in Prince William Sound. Given the basic management applications and high cost of this project, a more significant funding match and clear demonstration of interest from management agencies would be appropriate. While it is desirable to determine growth rates of Dolly Varden and cutthroat trout in the spill area, there are likely more cost effective approaches to this problem using existing data, archived samples (e.g., otoliths), and new samples obtained by less expensive means. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. This proposal is responsive to the *FY 00 Invitation's* request for proposals to analyze historical and recent data on the growth rates of cutthroat trout and Dolly Varden. However, the cost is too high and there is not enough cost sharing with management agencies. Furthermore, the Chief Scientist has suggested alternative ways to obtain the needed samples.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 11, 1999



Lee Hulbert
NMFS Auke Bay Lab
11305 Glacier Highway
Juneau, Alaska 99801

RE: Project 00396 / Diet, Trophic Interactions, and Historical Trends in Occurrence of Salmon Sharks, Sleeper Sharks and Spiny Dogfish in Prince William Sound and the Eastern Gulf of Alaska

Dear Mr. Hulbert:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00396/Diet, Trophic Interactions, and Historical Trends in Occurrence of Salmon Sharks, Sleeper Sharks and Spiny Dogfish in Prince William Sound and the Eastern Gulf of Alaska. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 133 proposals totaling more than \$16 million. The Council's funding target for the FY 00 Work Plan is \$8-9 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in cursive script, reading "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, National Oceanic and Atmospheric Administration Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|-----------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00396 | Diet, Trophic Interactions, and Historical Trends in Occurrence of Salmon Sharks, Sleeper Sharks, and Spiny Dogfish in Prince William Sound and the Eastern Gulf of Alaska | L. Hulbert/NOAA | NOAA | New 1st yr. 2 yr. project | \$41.9 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |

Project Abstract

An increasing trend in the abundance of sharks in Prince William Sound and the eastern Gulf of Alaska have been reported in recent years. In regions of high abundance, sharks have the potential to significantly impact a number of commercially and ecologically important species. This project encompasses a unique approach to understanding trends in abundance and trophic dynamics of these apex predators. A number of short and long term time-series of shark by-catch data are available for a retrospective analysis of spatial and temporal patterns of distribution and abundance. Refining the shark diet parameters in the Prince William Sound Ecopath model (Project /330), through analysis of shark stomach samples, will elucidate important ecosystem linkages representing species interactions.

Chief Scientist's Recommendation

Preliminary modeling with ECOPATH (Project /330) suggests that these species could exert important influence on commercial fish species, and this is a low cost approach to gathering information on large pelagic predators in Prince William Sound and the Gulf of Alaska. The project proposes partnerships with local fishermen and scientific experts from other parts of the country, although the lack of attention to potential biases in historical data and the inability to estimate gut retention may limit quantification of predation impacts. Unfortunately, although sharks are important in the ecosystem, the proposal does not have strong links to restoration program objectives, and there are many other important components of the ecosystem that cannot be addressed at this time (e.g., squid). Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. The project has a weak link to restoration objectives. The species to be studied – salmon sharks, sleeper sharks and spiny dogfish – are not on the injured species list. Although the proposed study would fill in data gaps in understanding the ecosystem of Prince William Sound and the Gulf of Alaska, other significant data gaps would remain. Furthermore, the proposed study is more appropriately a normal agency management function given the growing fishing pressure on these species.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 11, 1999

Stanley Rice, Ph.D.
NOAA NMFS Auke Bay Lab
11305 Glacier Highway
Juneau, Alaska 99801

RE: Project 00454 / Evidence and Consequences of Persistent Oil Contamination in
Pink Salmon Natal Habitats


Dear Mr. Rice:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00454/Evidence and Consequences of Persistent Oil Contamination in Pink Salmon Natal Habitats contingent on (a) approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns, outlined below, (b) additional budget detail, and (c) submittal of the Project /329 monograph (due July 30, 1999). I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The reviewers and Chief Scientist believe that this project is an important final part of the multi-year effort to determine the damage to pink salmon from the spill and to track recovery. Whether P4501A is induced in pink salmon late-stage fry from oiled streams would be one criterion for determination of recovery. The reviewers also believe that the application of some hydrological measurements to key oiled pink salmon stream mouths would help to further interpret oil doses after the spill and test the hypothesis that interstitial water carried aromatic hydrocarbons from the upper intertidal zone to the redds in these streams.

I understand that in a June 9, 1999 conference call with Dr. Spies and Dr. Mundy, you discussed a number of considerations in the design of a hydrological component for the project at a cost between \$15,000 and \$25,000. These included the release of a non-toxic tracer substance (e.g., rhodamine dye) into the interstitial spaces of the upper intertidal zone at the mouths of one or more streams and testing for its migration into the redds with the subsequent dilution factors. It is obvious that a well thought-out experimental design is required with prototype testing in a local Juneau stream before

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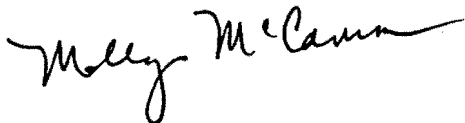
use in Prince William Sound and we look forward to reviewing a revised Detailed Project Description that incorporates a hydrological component.

Please submit a revised Detailed Project Description (three paper copies and an electronic copy) and a revised budget (three paper copies only; an electronic copy is not needed) to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. I encourage you to offset some of the cost of adding a hydrological component with reductions in other areas of the budget, if possible. The enclosed list suggests budget items that are appropriate for reduction or further justification.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosures

cc: Bob Spies, Chief Scientist
Bruce Wright, NOAA Liaison

mm/raw

00454

ITEMS CONSIDERED IN REVIEW OF FY 00 BUDGETS

1. Level of funding authorized in FY 99 and projection, at that time, of FY 00 budget. Items budgeted for FY 99 but not implemented should not be funded again in FY 00 unless the proposer can verify that he/she will lapse the "unused" FY 99 funds. Review and note relevant FY 98 audit results.
2. Direction given by Trustee Council and/or Chief Scientist in FY 99 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 99.
4. Personal Services: Note if number of months has increased significantly over FY 99 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. Lindeberg is budgeted for 12.5 mo. - 7 mo. Project 00454
5 mo. Project 00401
0.5 mo. Project 00025
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 00250.
6. Travel: Note if travel has increased significantly over FY 99 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage. 2 trips are budgeted, but only Rice is listed as PI. No registration fee, but \$200 is budgeted.
8. Other EVOS Reviews/Workshops: Travel and per diem for two days for only those PIs (and co-PIs if appropriate) whose projects will be the subject of a technical review session: SEA and related projects (1320, 1340, 1393), APEX (1163), pink salmon (1190, 1476), herring (1311, 1375, 1462), marine mammals (1064, 1341, 1371, 1423, 1441), and subsistence (1052, 1210, 1273, 1401). The review sessions will likely be held in Anchorage.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 00 (DPD

must also include subject/title of manuscript, name of peer reviewed journal to which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 00 (or rolled into a non-severable contract in FY 00).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 63 of Invitation for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 99 Final Work Plan) in FY 2001 and 2002.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

→ \$8.1 for commodities needs description - what will be purchased?

→ need detail for contractual items:

Marty contract (\$50.0) - need 4A-4B forms

vessel - air charters - show how estimate was developed (# days, cost/day)

sample processing - show how estimate was developed (# samples, cost/sample)

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 11, 1999

Jennifer L. Nielsen, Ph.D.
USGS Biological Resources Division
1011 East Tudor Road
Anchorage, Alaska 99503

RE: Project 00478 / Defining Critical Habitat for Marine Reserves: Spatial and Temporal Distribution of Anadromous and Pelagic Fishes in the Gulf of Alaska

Dear Ms. Nielsen:

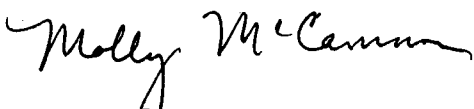
I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00478/Defining Critical Habitat for Marine Reserves: Spatial and Temporal Distribution of Anadromous and Pelagic Fishes in the Gulf of Alaska, contingent on approval of (a) a revised Detailed Project Description that limits the scope of the project to captivity tests on one species at the Alaska SeaLife Center and (b) a reduced budget for \$75,000. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimate of the overall budget for FY 00 is \$75,000, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with a revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 8, 1999**. (Please submit three paper copies of each and an electronic copy of the DPD; an electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Dede Bohn, the USGS liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/raw

EXEC /VE DIRECTOR'S PRELIMINARY RECOMME ATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|---------------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00478 | Defining Critical Habitat for Marine Reserves: Spatial and Temporal Distribution of Anadromous and Pelagic Fishes in the Gulf of Alaska | J. Nielsen/USGS-BRD | DOI | New 1st yr. 3 yr. project | \$188.8 | \$75.0 | \$0.0 | \$0.0 | \$75.0 |

Project Abstract

The definition of "critical habitat" in the marine environment is essential to the development of reserves or protected areas. This project will investigate the temporal and spatial distribution of four key fish species (Pacific halibut, king salmon, coastal cutthroat trout, and ling cod) in the Gulf of Alaska that fall under the jurisdiction of the Trustee Council in their efforts to restore the resources and services injured by the spill. Individual fish will be monitored using satellite pop-up and archival satellite tags on live fish, monitoring their seasonal movements and critical habitats in nearshore and marine environments in the Gulf of Alaska.

Chief Scientist's Recommendation

This proposal addresses an important need for identifying critical habitat for fish. It is an innovative application of satellite tags in fish to identify critical habitats. However, there are concerns about whether the technology is now sufficient, and it is not clear that the results of this effort will yield solid insights into critical habitats of all species proposed. This is a pioneering work, and needs to proceed with a phased approach, starting with emphasis on a single species and testing tag technology at the Alaska SeaLife Center. Leveraging with other funding sources, such as Alaska Science and Technology Foundation, would be desirable. Fund contingent on approval of a revised proposal at a reduced funding level.

Executive Director's Preliminary Recommendation

Fund FY 00 only contingent on approval of (a) a revised Detailed Project Description that limits the scope of the project to captivity tests on one species at the Alaska SeaLife Center and (b) a reduced budget for \$75.0. The purpose of the reduced study will be to test the satellite tag technology for its utility in defining critical habitat. [NOTE: Funds for Alaska SeaLife Center bench fees (approximately \$22.1) need to be added to this project.]

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 11, 1999



Marianne See
Alaska Department of Environmental Conservation
555 Cordova Street
Anchorage, Alaska 99501

RE: Project 00514 / Lower Cook Inlet Waste Management Plan Implementation

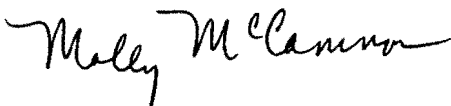

Dear Ms. See:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 00514/Lower Cook Inlet Waste Management Plan Implementation until the plan has been completed, peer reviewed and endorsed by the affected communities. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 10. If the steps outlined above (that is, plan completion, peer review, and endorsement) are not completed in time for the August Council meeting, action on this project will be deferred to December.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/raw

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EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|-------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00514 | Lower Cook Inlet Waste Management Plan Implementation | M. See/ADEC | ADEC | Cont'd 2nd yr. 2 yr. project | \$800.0 | \$800.0 | \$0.0 | \$0.0 | \$800.0 |

Project Abstract

This project will address pollutants reaching the marine environment in proximity to the communities of Seldovia, Nanwalek, and Port Graham through implementation of recommendations developed in the Lower Cook Inlet Waste Management Plan, currently in preparation. Following the model of the Sound Waste Management Plan and the Kodiak Waste Management Plan, this project is designed to address marine pollution from land-based sources and identify methods to help restore vital injured resources in these coastal communities.

Chief Scientist's Recommendation

This proposal is based upon the successful Sound Waste Management Plan (Project /115). Pollution input to Kachemak Bay could be adversely affecting injured resources. The project has excellent community support, and is consistent with Trustee Council efforts to reduce marine pollution. However, the feasibility of this proposal cannot be evaluated until the Lower Cook Inlet Waste Management Plan is completed. Defer.

Executive Director's Preliminary Recommendation

Defer decision on funding this project until the Lower Cook Inlet Waste Management Plan has been completed, peer reviewed, and endorsed by affected communities. The \$800.0 request is an estimate that will be refined once the plan is complete. This project would implement recommendations of the Lower Cook Inlet Waste Management Plan (Project 99514). The objective of the project is to reduce chronic marine pollution that may be inhibiting recovery of injured resources. [NOTE: This project would be considered a capital project and would be funded outside of the regular FY 00 work plan of research, monitoring, and general restoration projects.]

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 11, 1999

Grant Baker, Ph.D.
UAA, School of Engineering
3211 Providence Drive
Anchorage, Alaska 99508

Hubert Schroeder, Ph.D.
UAA, School of Engineering
3211 Providence Drive
Anchorage, Alaska 99508

Orson Smith, Ph.D.
UAA School of Engineering
3211 Providence Drive
Anchorage, Alaska 99508

RE: Project 00474 / Endowment of the Environmental Restoration Center at the
University of Alaska Anchorage

Dear Drs. Baker, Schroeder and Smith:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00474/Endowment of the Environmental Restoration Center at the University of Alaska Anchorage. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

As I state in my recommendation, the Trustee Council intends to consider university endowments in the context of the developing plan for long-term research and monitoring (tentatively named GEM or Gulf Ecosystem Monitoring) rather than the annual work plan. Furthermore, any use of restoration funds would have to restore damage from the *Exxon Valdez* oil spill rather than prepare for future oil spills. The endowment you propose emphasizes oil spill technologies rather than restoration.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21.

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Alaska Department of Law

Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon", with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game Liaison

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|--|---|--------------------------------------|---|---------------------------------|--------------|--|-------------|-------------|---------------|
| 00474 | Endowment of the Environmental Restoration Center at the University of Alaska Anchorage | G. Baker, H. Schroeder, O. Smith/UAA | ADFG | New 1st yr. 1 yr. project | \$2,256.5 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| <p><u>Project Abstract</u></p> <p>This project will create an endowed environmental restoration center for research and community education at the School of Engineering at the University of Alaska Anchorage. An endowed research chair will be created within the center. Establishing the center will provide a mechanism for continuing research, restoration, and community education long after 2002 when settlement funds are no longer received from Exxon. Such activities will help Alaska develop local expertise and permanent solutions for the protection and restoration of areas affected by the oil spill. Creation of the proposed endowed research chair will also serve as a prototype for creating other endowed chairs.</p> | | | <p><u>Chief Scientist's Recommendation</u></p> <p>This proposal would establish an endowed environmental restoration center within the School of Engineering at the University of Alaska Anchorage. The emphasis on oil-spill technologies is not consistent with the Trustee Council's mission and priorities, and it overlaps with the mission and priorities of the Oil Spill Recovery Institute. The benefit of this program to injured fish and wildlife seems limited. If the Council chooses to support endowed chairs in the University of Alaska system, there will be ample opportunity to explore the necessary structure and mechanisms. A pilot program with little relevance to EVOS restoration objectives or to the development of a long-term monitoring program would not be worthwhile or cost effective. Do not fund.</p> | | | <p><u>Executive Director's Preliminary Recommendation</u></p> <p>Do not fund. The proposed endowment emphasizes oil spill technologies rather than restoration and is therefore an inappropriate use of civil settlement funds. Furthermore, the Trustee Council intends to consider university endowments in the context of its developing plan for long-term research and monitoring (GEM or Gulf Ecosystem Monitoring) rather than the annual work plan. [NOTE: Funding for this project would come from outside of the regular FY 00 work plan of research, monitoring, and general restoration projects.]</p> | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 11, 1999



Gary D. Marty, Ph.D.
VM:APC, Univ of California
One Shields Ave
Davis, California 95616-8732

RE: Project 00462 / Effect of Disease on Pacific Herring Population Recovery in Prince William Sound

Dear Dr. Marty:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 00462/Effect of Disease on Pacific Herring Population Recovery in Prince William Sound contingent on submittal of the final report for Project 98162. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which will be distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, Alaska Department of Fish and Game

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|--|------------------------------------|-------------|------------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00462 | Effect of Disease on Pacific Herring Population Recovery in Prince William Sound | G. Marty/Univ. of California Davis | ADFG | Cont'd 2nd yr. 3 yr. project | \$74.6 | \$74.6 | \$81.7 | \$0.0 | \$156.3 |

Project Abstract

The Pacific herring population of Prince William Sound has not recovered from severe population decline in 1993. Viral hemorrhagic septicemia virus and the fungus *Ichthyophonus hoferi* were identified as the two main diseases in these fish. Prevalence of *Ichthyophonus* decreased after 1995, but increased prevalence of viral hemorrhagic septicemia virus in 1997 and 1998 has been associated with delayed recovery. To determine if disease continues to impair recovery, and to document recovery when it occurs, this project will continue to monitor the prevalence of the two major diseases in Pacific herring in Prince William Sound in November 1999 and April 2000.

Chief Scientist's Recommendation

This project will continue to provide information on one factor that may be limiting Pacific herring population recovery. With support from the Trustee Council and National Science Foundation, this continues to be the most comprehensive study ever conducted on the effect of pathogens and disease in a wild fish population. Given the current depleted status of herring in Prince William Sound, we should continue to explore factors that limit their recovery and that may lead to improved management of the pound-type fishery. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of Project 98162 final report (due July 31, 1999). By monitoring the health of the herring population for a three-year period, this project will help determine whether disease continues to limit recovery of the Prince William Sound herring population. The results of the study so far have provided insight on management of the herring-pound fishery. A \$286.4 grant from the National Science Foundation will enable the researchers to perform complementary analyses and population modeling.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

June 11, 1999



Charles W. Totemoff, President & CEO
Chenega Corporation
4000 Old Seward Highway, Suite 101
Anchorage, Alaska 99503

RE: Project 00473 / Public Information Brochure on Lands Acquired by the Trustee
Council from Chenega Corporation


Dear Mr. Totemoff:

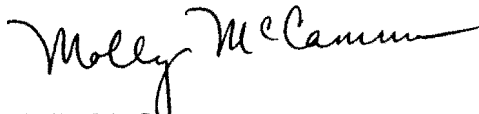
I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 00473/Public Information Brochure on Lands Acquired by the Trustee Council from Chenega Corporation. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

I appreciate your efforts to improve the quality and availability of public information about lands formerly owned by the Chenega Corporation. However, providing such information is the responsibility of the U.S. Forest Service and the Alaska Department of Natural Resources, which now manage these lands.

My preliminary recommendations on all proposals for funding in FY 00 have been incorporated into the Draft Work Plan, which is being distributed for public comment on June 17. The Restoration Office will accept public comments through July 21. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is scheduled for August 10.

Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Ken Holbrook, U.S. Forest Service

mm/raw

EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 00 DRAFT WORK PLAN

| Proj.No. | Project Title | Proposer | Lead Agency | New or Cont'd | FY00 Request | FY00 Recom. | FY01 Recom. | FY02 Recom. | Total FY00-02 |
|----------|---|---|--|---------------------------------|--------------|-------------|-------------|-------------|---------------|
| 00473 | Public Information Brochure on Lands Acquired by the Trustee Council from Chenega Corporation | C. Totemoff/Chenega Corp. | USFS | New 1st yr. 1 yr. project | | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | <u>Project Abstract</u> | <u>Chief Scientist's Recommendation</u> | <u>Executive Director's Preliminary Recommendation</u> | | | | | | |
| | This project will assist the Chenega Corporation in providing the public with maps and information on the rights and restrictions that have resulted from the acquisition of Chenega Corporation lands by the Trustee Council. Lands and easements acquired by the Council and now managed by the state and federal governments are available to the public for use for recreation, hunting and fishing. With this access comes the need for the public to know where and what they can do on these lands. The information will be in the form of a brochure that is available from the corporation and management agencies, primarily the Alaska Department of Natural Resources and the U.S. Forest Service. [NOTE: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and detailed budget will need to be prepared.] | This proposal seeks partial support from the Trustee Council for an information brochure advising recreational users and others what can be done on lands acquired from the Chenega Corporation and where those lands are. This may be a worthwhile idea, but in other land acquisitions, the Council has had no post-acquisition role, leaving such responsibilities to the land managing agencies. Do not fund unless the Trustee Council makes a policy decision that it wants to support this kind of effort. | Do not fund. Lands and easements acquired from the Chenega Corporation have been transferred to the U. S. Forest Service and the Alaska Department of Natural Resources, which are responsible for providing information about allowable uses and applicable restrictions. Usually this is accomplished through public information offices, visitor centers, or land information systems. Such management costs are the responsibility of the new land managers. | | | | | | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Carol Gorbics
2730 Loker Ave, West
Carlsbad, CA 92003

Dear Carol:

A reimbursement check was recently sent to you refunding your Symposium registration fee. If you have not received the check please contact this office at the address or phone number listed above.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon". The signature is fluid and stylized, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

cw

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645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Jeff Short
POB 211346
Auke Bay, AK 99821

Dear Jeff:

A reimbursement check was recently sent to you refunding your Symposium registration fee. If you have not received the check please contact this office at the address or phone number listed above.

Sincerely,

Molly McCammon
Executive Director

cw

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June 14, 1999

Marilyn Dahlheim
16126 Dubuque Road
Snohomish, WA 98290

Dear Marilyn:

A reimbursement check was recently sent to you refunding your Symposium registration fee. If you have not received the check please contact this office at the address or phone number listed above.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" being more prominent than the last name "McCammon".

Molly McCammon
Executive Director

cw

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645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

Eileen Bechtol
POB 3426
Homer, AK 99603

Dear Ms. Bechtol:

A reimbursement check was recently sent to you refunding your Symposium registration fee. If you have not received the check please contact this office at the address or phone number listed above.

Sincerely,

A handwritten signature in cursive script, reading "Molly McCammon". The signature is fluid and elegant, with the first letters of the first and last names being capitalized and prominent.

Molly McCammon
Executive Director

cw

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645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 14, 1999

James Anderson
UAF BioScience Library
POB 757060
Fairbanks, AK 99775

Dear Mr. Anderson:

A reimbursement check was recently sent to you refunding your Symposium registration fee. If you have not received the check please contact this office at the address or phone number listed above.

Sincerely,

A handwritten signature in black ink, reading "Molly McCammon". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Molly McCammon
Executive Director

cw

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MEMORANDUM

TO: Gary Marty, PI

FROM: *for* Molly McCammon *Sta. Seaman*
Executive Director

RE: Extension of Due Date: FY 98 Final Report
*Project 98162 / Investigations of Disease Factors Affecting Declines of
Pacific Herring Populations in Prince William Sound*

DATE: June 9, 1999

This memo is to confirm an extended due date of July 31, 1999 for the final report on Project 98162/Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound. I understand this extension is necessary because of a delay in completion of the statistical analysis.

cc: Dick Kocan, Co-PI
Chris Kennedy, Co-PI
Bill Hauser, ADFG Project Manager

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



MEMORANDUM

To: Bob Baldauf, Office of the Secretary
United States Department of the Interior

From: *for* Molly McCammon
Executive Director

Date: June 8, 1999

Re: Authorization of Funding for Professional Services Contract

The purpose of this memorandum is to authorize up to \$24,000 in *Exxon Valdez* Oil Spill (EVOS) settlement funds for the United States Department of the Interior, Fish and Wildlife Service, to secure a professional services contract on behalf of the EVOS Restoration Office. The contractor will be responsible for the identification and description of long-term monitoring and research programs, plans, projects, and databases in the northern Gulf of Alaska. The total cost of the contract is not expected to exceed \$24,000. The funds will be made available through a transfer of funds within Project 99100 from the Alaska Department of Fish and Game to the U.S. Department of the Interior.

cc: Dede Bohn, USGS
Catherine Berg, USF&WS

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Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax: 907/276-7178



FAX COVER SHEET

To: Bob Baldan Number: 202.219.2849

From: Stan Sanner / Molly McCammon Date: 6-8-99

Comments: Total Pages: 2

Please forward

CC: Catherine Berg

Dede Bohn

HARD COPY TO FOLLOW _____

Document Sent By: _____

3/27/96

*** MULTI TRANSACTION REPORT ***

TX/RX NO.

7141

INCOMPLETE TX/RX

TRANSACTION OK

[09] 19075867589

JUNEAU OFFICE

[20] 7863350

C. BERG

[22] 7863636

D. BOHN

12022192849

ERROR

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



MEMORANDUM

TO: Bruce Wright
NOAA Liaison

FROM: Sandra Schubert *Sandra*
Project Coordinator

RE: Alaska SeaLife Center Bench Fees

DATE: June 7, 1999

Per your request, please find attached two tables identifying the Alaska SeaLife Center (ASLC) bench fees as a percent of individual projects' budgets.

- The FY 99 table contains amounts authorized by the Trustee Council.
- The FY 00 table contains the Executive Director's preliminary recommendation for project funding (see Project Budget column) and the ASLC's preliminary estimate based on their review of the DPDs submitted April 15, 1999 (see Bench Fees column). Please note that the bench fee estimates may change once revised DPDs are submitted and reviewed (several of the projects are being asked to revise their DPDs in response to peer review). In addition, once final cost estimates are received from the ASLC, the project PIs will review the estimates--this may also result in changes.

Although I have calculated an average percentage for each year, as you requested, you will see that the percentage varies greatly among projects based on the specific activities to be conducted.

Also enclosed for your information is a copy of the letter from the ASLC explaining their preliminary estimates.

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ALASKA SEALIFE CENTER PROJECTS -- BENCH FEES
FY 99 WORK PLAN

| <u>Project Number</u> | <u>Project Budget</u> | <u>Bench Fees</u> | <u>GA on Bench Fees</u> | <u>New Project Total</u> | <u>Bench Fees as % of Project Budget</u> |
|---|-----------------------|-------------------|-------------------------|--------------------------|--|
| 99190 Pink Salmon Genome (Allendorf) | \$187.3 | \$77.3 | \$5.4 | \$270.0 | 41% |
| 99252 Rockfish/Pollock Genetics (Seeb) | \$200.0 | \$101.2 | \$7.1 | \$308.3 | 51% |
| 99327 Pigeon Guillemot Research (Roby) | \$160.6 | \$16.6 | \$1.2 | \$178.4 | 10% |
| 99341 Harbor Seal Health & Diet (Castellini) | \$125.1 | \$216.5 | \$15.2 | \$356.8 | 173% |
| 99348 River Otter Response to Oil (Bowyer) | \$207.4 | \$102.1 | \$7.1 | \$316.6 | 49% |
| 99371 Harbor Seal Metabolism (Schell) | \$105.9 | \$13.2 | \$0.9 | \$120.0 | 12% |
| 99441 Harbor Seal Diet (Davis) | \$131.6 | \$25.0 | \$1.8 | \$158.4 | 19% |
| | <hr/> \$1,117.9 | <hr/> \$551.9 | <hr/> \$38.7 | <hr/> \$1,708.5 | <hr/> average 49% |

ALASKA SEALIFE CENTER PROJECTS -- PROPOSED BENCH FEES

FY 00 DRAFT WORK PLAN

NOTE: Bench fees are preliminary estimates provided by the ASLC 5/14/99. Costs could change as a result of project modification in response to peer review, review by PIs of detailed estimates to be provided by the ASLC, and additional consideration by the ASLC.

| <u>Project Number</u> | <u>Project Budget</u> | <u>Bench Fees</u> | <u>GA on Bench Fees</u> | <u>New Project Total</u> | <u>Bench Fees as % of Project Budget</u> |
|--|-----------------------|---|-------------------------|--------------------------|--|
| 00190 Pink Salmon Genome (Allendorf) | \$226.5 | \$97.7 | \$6.8 | \$331.0 | 43% |
| 00327 Pigeon Guillemot Research (Roby) | \$172.3 | \$18.9 | \$1.3 | \$192.5 | 11% |
| 00341 Harbor Seal Health & Diet (Castellini) | \$121.2 | \$88.7 | \$6.2 | \$216.1 | 73% |
| 00371 Harbor Seal Metabolism (Schell) | \$104.9 | \$54.4 | \$3.8 | \$163.1 | 52% |
| 00423 Population Change: NVP (Esler) | \$151.1 | \$61.9 Estimate is for 12 mo.; only 1 mo. is needed | \$4.3 | \$217.3 | 41% |
| 00441 Harbor Seal Diet (Davis) | \$131.6 | \$57.8 | \$4.0 | \$193.4 | 44% |
| 00478 Critical Habitat: Marine Reserves (Nielsen) | \$75.0 | \$22.1 | \$1.5 | \$98.6 | 29% |
| | \$982.6 | \$401.5 | \$27.9 | \$1,412.0 | average 41% |



Alaska SeaLife Center

w i n d o w s t o t h e s e a

May 14, 1999

Stan Senner
Science Coordinator
Exxon Valdez Oil Spill Restoration Office
645 G. Street, Suite 401
Anchorage, Alaska 99501

Dear Stan:

The Alaska SeaLife Center (ASLC) has reviewed the FY2000 research projects proposed for work here.

Five submissions are for renewal projects (00327; 00190; 00371; 00341; 00441-BAA). These projects are all successfully underway and are consistent with our mission criteria and Institutional Animal Care and Use Committee (IACUC) approval.

There are three new projects (00478 defining critical habitat of fish using a tagging study developed here; 00423 dealing with recovery of harlequin ducks; and 00576 examining effects of oil exposure on Dolly Varden). These projects also meet our mission criteria but have not yet been submitted to the IACUC.

Project # 00478 is a proposal from USGS that attempts to develop a satellite tagging system for fish utilizing the ASLC for testing and prototype development. This would make an excellent "science on display" project and fits in well with our simultaneous work on tagging seals, sea lions, and murre.

Project # 00423 is part of the large NVP program project and seeks to quantify the relationship between oil exposure and chemical markers in harlequin ducks. This is conceptually similar to the river otter and pigeon guillemot projects conducted at ASLC. This project may involve some public relations issues, but fits in closely with previous and ongoing work here

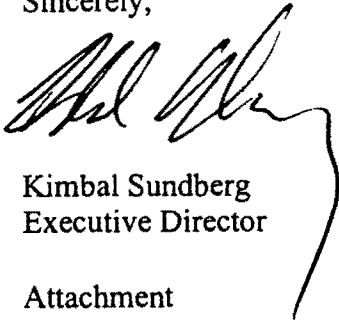
Project # 00576 is a proposal from NMFS and is another oil exposure project seeking to establish links between oil and reproductive biology in Dolly Varden. Both this and the harlequin duck project make excellent use of the ASLC facility, i.e., using our laboratories to quantify how changes in the environment can impact animals. In these projects, we are dealing with oil exposure, but they could also be testing effects of temperature changes, silting, etc.

RECEIVED

Attached is our preliminary Bench Fee Estimate for these projects. This estimate is based on the initial information provided in the proposals and discussions with Principal Investigators. The costs could change as a result of additional scientific review and project modification.

Please contact me or Dr. Castellini if you have any questions.

Sincerely,



Kimbal Sundberg
Executive Director

Attachment

cc: M. Castellini
S. Inglis

INGLIS COMMENTS:
FY2000 EVOS PROJECT BENCH FEE ESTIMATES

Please note: the cost estimate is based on the current negotiated Fees for EVOS Funded Projects

CONTINUING PROJECTS

| Project | Project ID | Facility Use | Quantity Required | Duration | Price/ Unit/month | Cost Estimate |
|---|--------------|-----------------------|-------------------|--------------|-------------------|---------------|
| Harbor Seal Recovery Phase II | EVOS # 00341 | Office Space-1 | 152.25.sq.ft | Oct.-Sept | \$3.28 | \$5,992.56 |
| | | Dry Lab- 1/2 RM159 | 429 sq.ft. | Oct.-Sept | \$6.00 | \$30,888.00 |
| | | Freezer-Ultra Colds | 5 shelves | Oct.-Sept | \$22.50 | \$1,350.00 |
| | | Wet Lab | 100 sq.ft. | 100 days | \$5.99 | \$1,996.67 |
| | | ODL 6 | 972 | Oct.-Sept | \$12.48 | \$48,522.24 |
| Cost of ODL 6 divided between the 3 Harbor Seal Projects | ****NOTE**** | | | | TOTAL | \$88,749.47 |
| Harbor Seal Recovery Phase III | # 00441-BAA | ODL 6 | 972 | Oct.-Sept | \$12.48 | \$48,522.24 |
| | | Office Space | 152.25.sq.ft | 4 months | \$3.28 | \$1,997.52 |
| | | Dry Lab- 1/2 RM152 | 233 sq.ft. | Oct.-Sept. | \$6.00 | \$5,011.20 |
| | | Freezer-Ultra Colds | 2 shelves | Oct.-Sept | \$22.50 | \$540.00 |
| | | Veterinarian Services | | Oct.-Sept | \$148.00 | \$1,776.00 |
| | | | | | TOTAL | \$57,846.96 |
| Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers | EVOS # 00371 | ODL 6 | 972 | Oct.-Sept | \$12.48 | \$48,522.24 |
| | | Office Space | 152.25.sq.ft | March-Sept | \$3.28 | \$3,495.66 |
| | | Dry Lab- 1/2 RM152 | 233 sq.ft. | March-Sept | \$6.00 | \$1,050.00 |
| | | Freezer-Ultra Colds | 1 shelf | Oct.-Sept | \$22.50 | \$1,350.00 |
| | | | | | TOTAL | \$54,417.90 |
| Pigeon Guillemot Restoration | EVOS # 00327 | Office Space- 1 | 152.25.sq.ft | April-August | \$3.28 | \$2,496.90 |
| | | Incubator | 1 | June | \$27.00 | \$27.00 |
| | | Wet Lab-1/2 RM 154 | 742 sq.ft. | June-July | \$5.99 | \$8,889.16 |
| | | ODL Hutch | 300sq.ft. | July-August | \$6.00 | \$3,600.00 |
| | | Dry Lab 1/4 159 | 214.5sq.ft. | July-August | \$6.00 | \$3,861.00 |
| | | Freezer-Ultra Colds | 1 shelf | July-August | \$22.50 | \$45.00 |
| | | | | | TOTAL | \$18,874.06 |

| | | | | | | |
|---|--------------|-------------------------|-------------------|-------------|-------------------|---------------|
| Pink Salmon Genome | EVOS # 00190 | 1/4 Wet Lab RM160 | 371 sq.ft | Oct-Sept | \$5.99 | \$26,667.48 |
| | | 2 Raceways | 2 | Oct-Sept | \$450.00/month | \$10,800.00 |
| | | 12' circular | 1 | 1 month | \$2160/month | \$2,160.00 |
| | | Fish Pass | | 2 months | \$2700/month | \$5,400.00 |
| | | Research Tech | 1 | Oct-Sept | \$3,350/month | \$40,200.00 |
| | | Food, medicine,supplies | | Oct-Sept | | \$6,000.00 |
| | | Fin Clipping | 4 | 4.5 days | \$18.00/hr | \$2,592.00 |
| | | Egg Take | 4 | 4 days | \$18.00/hr | \$2,304.00 |
| | | Boat Rental | 1 | 4 days | \$400.00/day | \$1,600.00 |
| | | | | | TOTAL | \$97,723.48 |
| NEW PROJECTS | | | | | | |
| Project | Project ID | Facility Use | Quantity Required | Duration | Price/ Unit/month | Cost Estimate |
| Relationship Between Oil Exposure and Reproductive Function in Dolly Varden | EVOS # 00576 | 1/2 Wet Lab RM160 | 742 sq.ft | 14 days | \$5.99 | \$2,222.29 |
| | | Technician | 1-Jan | 10 hrs | \$20.00/hr | \$200.00 |
| | | Dry Lab 1/4 159 | 214.5sq.ft. | 14 days | \$6.00 | \$643.50 |
| | | | | | TOTAL | \$3,065.79 |
| Defining Critical Habitat for Marine Reserves: Spatial and Temporal Distribution of Anadromous and Pelagic Fishes in the Gulf of Alaska | EVOS # 00478 | 12' Tanks | 3 | 3.25 months | \$2,160 | \$21,060.00 |
| | | Technician | 1 | 20 hours | \$20.00/hr | \$400.00 |
| | | Veterinarian | 1 | 15 hours | \$40.00/hr | \$600.00 |
| | | | | | TOTAL | \$22,060.00 |
| Patterns and Processes of Pop. Change in Selected Nearshore Vertebrate Predators | EVOS # 00423 | Office | 152.25.sq.ft | Nov-March | \$3.28 | \$2,496.90 |
| | | ODL 7 | 460.2 sq.ft. | 5.5 months | \$12.48 | \$31,588.13 |
| | | 1/2 Dry Lab 163 | 232 sq.ft. | 5 months | \$6.00 | \$6,960.00 |
| COSTS IF CARE OF BIRDS IS RESPONSIBILITY OF ASLC COST OF BUILDING A METABOLIC CHAMBER IS NOT INCLUDED | ***Note***** | Modifications to ODL7 | | | | \$3,500.00 |
| | | Technician | | 616hrs | \$20.00/hr | \$12,320.00 |
| | | Veterinarian | | 50 hrs | \$40.00/hr | \$2,000.00 |
| | | Supplies-food,meds. | | | | \$3,000.00 |
| | | | | | TOTAL | \$61,865.03 |
| TOTAL : FY2000 | | | | | \$404,602.68 | |

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax: 907/276-7178



MEMORANDUM

TO: Robert Baldauf
United States Department of the Interior

FROM: *Traci Cramer*
Traci Cramer
Administrative Officer

DATE: June 4, 1999

RE: Authorization – Professional Services Contract

The purpose of this memorandum is to document the procedure to be used to track the additional \$66,000 approved for project 99163E and the transfer of \$25,700 from the Alaska Department of Fish and Game to the United States Department of the Interior, Fish and Wildlife Service for project 99100.

As we have discussed, the United States Department of the Interior shall make available unappropriated funds contained in the Natural Resources Damage Assessment and Restoration Fund. The unappropriated funds represent unexpended and unobligated balances associated with prior years' work plans. When appropriate, the projects will be reported in a subsequent court request and an adjustment will be reflected.

cc: Molly McCammon
Robert White

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



MEMORANDUM

TO: Trustee Council Members

FROM: Sandra Schubert *Sandra*
Project Coordinator

THROUGH: Molly McCammon
Executive Director

DATE: June 4, 1999

RE: Quarterly Project Status Summary -- March

*Rebecca,
Ready to be
mailed to TC.
Please make me
1 copy also (you can
keep original).
Also make
copy for
Molly.
Thks,
Sandra*

*OK to copy
double-
sided*

This memorandum summarizes the status of reports for all restoration projects funded by the Trustee Council 1996, 1997, and 1998. The memorandum also includes progress updates for 1999 projects and the status of the 22 NRDA reports that were not final at the time the settlement agreement was reached.

Attachment A summarizes the status of project reports (including NRDA reports) by agency.

Attachment B lists the reports that are significantly behind schedule. Reports are on this list if (1) they have not yet been submitted to the Chief Scientist, (2) they were reviewed by the Chief Scientist, returned to the PI for revision longer ago than six months, and have not been revised and resubmitted to the Chief Scientist, or (3) they were submitted to the Chief Scientist for peer review more than six months ago and have not yet been peer reviewed.

Attachment C summarizes activities conducted during the January-March quarter for all projects underway in FY 99.

As of March 31, 1999, a total of 277 restoration project reports had been peer reviewed and accepted by the Chief Scientist (this is up from 268 reports accepted as of December 31, 1998). Once accepted by the Chief Scientist, reports are submitted to the Alaska Resources Library and Information Services (ARLIS). As of March 31, 241 reports were available to the public through ARLIS and other libraries around the state (this is up from 225 reports available as of December 31, 1998). Please contact the Restoration Office or ARLIS if you would like a list of the reports currently available to the public.

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Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



MEMORANDUM

TO: Trustee Council Members

FROM: Sandra Schubert *Sandra*
Project Coordinator

THROUGH: Molly McCammon
Executive Director

DATE: June 4, 1999

RE: Quarterly Project Status Summary -- March 31, 1999

This memorandum summarizes the status of reports for the quarter ending March 31, 1999, for all restoration projects funded by the Trustee Council during 1992, 1993, 1994, 1995, 1996, 1997, and 1998. The memorandum also includes progress updates for 1999 projects and the status of the 22 NRDA reports that were not final at the time the settlement agreement was reached.

Attachment A summarizes the status of project reports (including NRDA reports) by agency.

Attachment B lists the reports that are significantly behind schedule. Reports are on this list if (1) they have not yet been submitted to the Chief Scientist, (2) they were reviewed by the Chief Scientist, returned to the PI for revision longer ago than six months, and have not been revised and resubmitted to the Chief Scientist, or (3) they were submitted to the Chief Scientist for peer review more than six months ago and have not yet been peer reviewed.

Attachment C summarizes activities conducted during the January-March quarter for all projects underway in FY 99.

As of March 31, 1999, a total of 277 restoration project reports had been peer reviewed and accepted by the Chief Scientist (this is up from 268 reports accepted as of December 31, 1998). Once accepted by the Chief Scientist, reports are submitted to the Alaska Resources Library and Information Services (ARLIS). As of March 31, 241 reports were available to the public through ARLIS and other libraries around the state (this is up from 225 reports available as of December 31, 1998). Please contact the Restoration Office or ARLIS if you would like a list of the reports currently available to the public.

Status of 1992 Project Reports as of March 31, 1999

A total of 75 reports are being produced on projects funded in the 1992 Work Plan. These reports are considered "final" reports and are subject to peer review and approval by the Chief Scientist. (NOTE: Reports "in progress" are in peer review, are under revision by the PI in response to peer reviewer comments, or have been revised and are undergoing a second review by the Chief Scientist.)

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 70 | 3 | 2 | 0 |

Status of FY 93 Project Reports as of March 31, 1999

A total of 28 final reports are being produced on projects funded in the 1993 Work Plan.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 24 | 2 | 1 | 1 |

Status of FY 94 Project Reports as of March 31, 1999

A total of 37 final reports are being produced on projects funded in the FY 94 Work Plan.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 34 | 3 | 0 | 0 |

Status of FY 95 Project Reports as of March 31, 1999

A total of 53 reports are being produced on projects funded in the FY 95 Work Plan. Beginning with the FY 95 project year, "annual" reports are required for continuing projects. Annual reports, although peer reviewed, are not required to be rewritten in response to peer review comments. Rather, the peer review comments are to be used to guide future work on the project.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 47 | 3 | 3 | 0 |

Status of FY 96 Projects as of March 31, 1999

A total of 51 reports are being produced on projects funded in the FY 96 Work Plan.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 44 | 4 | 1 | 2 |

Status of FY 97 Projects as of March 31, 1999

A total of 54 reports are being produced on projects funded in the FY 97 Work Plan.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 21 | 23 | 7 | 3 |

Status of FY 98 Projects as of March 31, 1999

A total of 49 reports are being produced on projects funded in the FY 98 Work Plan.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 1 | 1 | 26 | 21 |

Status of FY 99 Projects as of March 31, 1999

A project-by-project summary of activities conducted during the January-March quarter is presented in **Attachment C**.

Status of NRDA Reports as of March 31, 1999

A total of 22 NRDA reports that were not final at the time the settlement agreement was reached are in the process of being finalized. A complete description of tasks and expenses associated with completion of each NRDA report is available from the Restoration Office.

| <u>Reports Available to Public at ARLIS</u> | <u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u> | <u>Reports in Progress</u> | <u>No Report Yet Submitted</u> |
|---|--|--------------------------------|------------------------------------|
| 12 | 6 | 3 | 1 |

ATTACHMENT A
Summary of Project Report Status as of March 31, 1999

1992 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|----------------------|---------------------------------------|-------------|---|------------------------------------|
| ADEC | 2 | 0 | 0 | 2 | 2 |
| ADFG | 26 | 0 | 2 | 24 | 23 |
| ADNR | 1 | 0 | 0 | 1 | 1 |
| DOI | 33 | 0 | 0 | 33 | 32 |
| NOAA | 11 | 0 | 0 | 11 | 11 |
| USFS | 2 | 0 | 0 | 2 | 1 |
| TOTAL | 75 | 0 | 2 | 73 | 70 |

1993 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|----------------------|---------------------------------------|-------------|---|------------------------------------|
| ADEC | 2 | 0 | 0 | 2 | 2 |
| ADFG | 12 | 1 | 1 | 10 | 10 |
| ADNR | 0 | 0 | 0 | 0 | 0 |
| DOI | 9 | 0 | 0 | 9 | 8 |
| NOAA | 3 | 0 | 0 | 3 | 3 |
| USFS | 2 | 0 | 0 | 2 | 1 |
| TOTAL | 28 | 1 | 1 | 26 | 24 |

1994 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|----------------------|---------------------------------------|-------------|---|------------------------------------|
| ADEC | 1 | 0 | 0 | 1 | 1 |
| ADFG | 19 | 0 | 0 | 19 | 19 |
| ADNR | 2 | 0 | 0 | 2 | 2 |
| DOI | 6 | 0 | 0 | 6 | 4 |
| NOAA | 5 | 0 | 0 | 5 | 5 |
| USFS | 4 | 0 | 0 | 4 | 3 |
| TOTAL | 37 | 0 | 0 | 37 | 34 |

ATTACHMENT A
Summary of Project Report Status as of March 31, 1999

1995 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|-------------------|---------------------------------|-------------|---|------------------------------|
| ADEC | 4 | 0 | 0 | 3 | 4 |
| ADFG | 27 | 0 | 2 | 24 | 24 |
| ADNR | 1 | 0 | 0 | 1 | 1 |
| DOI | 7 | 0 | 0 | 7 | 7 |
| NOAA | 8 | 0 | 0 | 8 | 7 |
| USFS | 6 | 0 | 1 | 5 | 4 |
| TOTAL | 53 | 0 | 3 | 48 | 47 |

1996 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|-------------------|---------------------------------|-------------|---|------------------------------|
| ADEC | 1 | 0 | 0 | 1 | 0 |
| ADFG | 27 | 2 | 1 | 24 | 24 |
| ADNR | 3 | 0 | 0 | 3 | 3 |
| DOI | 4 | 0 | 0 | 4 | 3 |
| NOAA | 9 | 0 | 0 | 9 | 8 |
| USFS | 7 | 0 | 0 | 6 | 6 |
| TOTAL | 51 | 2 | 1 | 47 | 44 |

1997 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|-------------------|---------------------------------|-------------|---|------------------------------|
| ADEC | 2 | 0 | 0 | 2 | 2 |
| ADFG | 29 | 1 | 6 | 21 | 10 |
| ADNR | 4 | 0 | 0 | 4 | 2 |
| DOI | 6 | 0 | 0 | 6 | 1 |
| NOAA | 8 | 2 | 0 | 6 | 6 |
| USFS | 6 | 0 | 1 | 5 | 0 |
| TOTAL | 55 | 3 | 7 | 44 | 21 |

ATTACHMENT A
Summary of Project Report Status as of March 31, 1999

1998 WORK PLAN

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|----------------------|---------------------------------------|-------------|---|------------------------------------|
| ADEC | 1 | 0 | 0 | 0 | 0 |
| ADFG | 23 | 9 | 13 | 0 | 0 |
| ADNR | 2 | 1 | 2 | 0 | 0 |
| DOI | 9 | 2 | 7 | 0 | 0 |
| NOAA | 10 | 7 | 3 | 1 | 1 |
| USFS | 4 | 2 | 1 | 1 | 0 |
| TOTAL | 49 | 21 | 26 | 2 | 1 |

NRDA REPORT COMPLETION

| AGENCY | NUMBER OF REPORTS | Not Yet Submitted to Chief Sci. | In Progress | Peer Rev'd/ Accepted by Chief Scientist | Available to Public at ARLIS |
|--------------|----------------------|---------------------------------------|-------------|---|------------------------------------|
| ADEC | 1 | 0 | 0 | 1 | 1 |
| ADFG | 17 | 0 | 3 | 14 | 8 |
| DOI | 2 | 1 | 0 | 1 | 1 |
| NOAA | 2 | 0 | 0 | 2 | 2 |
| TOTAL | 22 | 1 | 3 | 18 | 12 |

ATTACHMENT B
Overdue Reports (as of 4/30/99)

| Agency | Project Number | PI | Final or Annual | Project Title | Status of Report |
|--------|----------------|--------------|-----------------|--|--|
| ADFG | B11 | Rothe | Final | Harlequin duck damage assessment | Peer reviewed; returned to PI for revision 8/19/98 |
| ADFG | 93033-1 | Rothe | Final | Harlequin duck - Afognak habitat assessment/PWS production | Peer reviewed; returned to PI for revision 11/14/95; most recent due date was 7/1/98 |
| ADFG | 93033-2 | Rothe | Final | Harlequin duck restoration | Never submitted; most recent due date was 7/1/98 |
| ADFG | 96258A-1 | Tarbox | Final | Sockeye: Kenai | Never submitted; was due 1/1/98 (with manuscript), then expected 10/1/98, now expected 6/30/99 |
| ADFG | 96258A-2 | Swanton | Final | Sockeye: Kodiak | Never submitted; was due 10/30/97 |
| ADFG | 96259 | Edmondson | Final | Coghill Lake | Peer reviewed; returned to PI for revision 9/18/98 |
| ADFG | 97139A1 | Honnold | Final | Little Waterfall barrier bypass improvement | Never submitted; was due 9/30/98 |
| ADFG | 97251 | Swanton | Final | Akalura Lake | Peer reviewed; returned to PI for revision 11/3/98 |
| ADFG | 97254 | Kyle | Final | Delight & Desire lakes | Peer reviewed; returned to PI for revision 11/2/98 |
| ADFG | 98127 | Kompkoff | Annual | Tatitlek coho release | Never submitted; was due 4/15/99 |
| ADFG | 98191A | Willette | Final | Pink embryo mortality | Never submitted; was due 4/15/99 |
| ADFG | 98196 | Habicht | Final | Pink salmon genetics | Never submitted; was due 4/15/99 |
| DOI | 98286 | Henrichs | Final | Elders/Youth Conference | Never submitted; was due 9/30/98 |
| NOAA | 98163 | Duffy, et al | Annual | APEX | Never submitted; was due 4/15/99 |
| NOAA | 98330-2 | Pimm | Annual | Mass-balance model | Never submitted; was due 4/15/99 |
| ADEC | 98291 | See | Final | Chenega shoreline cleanup | Never submitted; was due 12/31/98; now expected 4/15/99 |

The following reports were submitted to the Chief Scientist for peer review more than 6 months ago:

NONE

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|---|--|--------------------------------------|--------------------|
| 99007A | Archaeological Index Site Monitoring | D. Reger/ADNR | ADNR |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Oct-Dec</u> | | | |
| UNDERWAY-Work on annual report | | | |
| <u>Jan-March</u> | | | |
| UNDERWAY-Work on annual report | | | |
| <u>April-June</u> | | | |
| -Submit annual report | | | |
| -Finalize arrangements for field work | | | |
| <u>July-Sept</u> | | | |
| -Complete fieldwork | | | |
| -Submit charcoal and sediment samples for analysis | | | |
| 99012A-BAA | Comprehensive Killer Whale Investigation in Prince William Sound | C. Matkin/North Gulf Oceanic Society | NOAA |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Oct-Dec</u> | | | |
| L UNDERWAY: | | | |
| put 1998 data into GIS system | | | |
| -Write report | | | |
| -Analyze photos from 1998 fieldwork | | | |
| -Complete contaminant analysis of 1998 samples | | | |
| -Conduct acoustic analysis of killer whale calls from previous year | | | |
| -Continue winter recordings from remote hydrophones | | | |
| <u>Jan - March</u> | | | |
| <u>April-June</u> | | | |
| -Submit report (April 5) | | | |
| <u>July-Sept</u> | | | |
| -Submit genetic papers | | | |
| -Submit paper on acoustic separation of resident pods | | | |
| -Conduct fieldwork | | | |

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|-----------------|---|------------------------------------|--------------------|
| 99025-CLO | Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP) | L. Holland-Bartels, et al/USGS-BRD | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Meeting of all PIs

UNDERWAY-Begin final analysis for Final Report

Jan-March

DONE-Prepare for 10 Years After symposium presentation

April-June

-Internal draft of final report to Project Lead Scientist

July-Sept

-Submit draft final report to Trustee Council's Chief Scientist (Sept. 30)

| | | | |
|------------|---|------------------|------|
| 99043B-CLO | Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures | D. Gillikin/USFS | USFS |
|------------|---|------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

-

Jan-March

-Complete data analysis

April-June

DELAYED TO JUNE 15-Submit final report (April 15)

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|-----------------|-----------------------|-----------------------------|--------------------|
| 99052A | Community Involvement | P. Brown- Schwalenberg/CRRC | ADFG |

Project Tasks to be Completed this Quarter

Each month: Coordinator send newsletter to Community Facilitators

Each month: Community Facilitators submit monthly report to Coordinator

Oct-Dec

DONE-Renew contract between ADFG and CRRC

DONE-Renew subcontracts between CRRC and communities

DELAYED; EXPECT TO SELECT INTERNS BY 1/28/99 AND BEGIN WORK IN FEBRUARY-Kodiak interns begin work

DONE (1/28/99)-Training workshop/orientation for Community Facilitators

8 OF 10 COMPLETE; OTHERS UNDERWAY-Community Facilitators update local resource inventories

EXPECT TO DISTRIBUTE END OF JANUARY-Coordinator compile local resource inventories for distribution to PIs

Jan-Mar

DONE-Coordinator coordinate participation of Community Facilitators in 10 Years After Symposium

DONE-Coordinator coordinate provision of technical assistance to villages by EVOS and agency staff to develop project proposals

April-June

DONE-Coordinator review community involvement component of FY 99 proposals; make recommendations to Executive

Director and inform Community Facilitators of proposals that would involve their communities

terns' end-of-year projects due

y-Sept

-

| | | | |
|--------|----------------------------------|---|------|
| 99052B | Traditional Ecological Knowledge | P. Brown- Schwalenberg/CRRC, H. Huntington | ADFG |
|--------|----------------------------------|---|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Renew contract between ADFG and CRRC

DONE-Renew subcontract between CRRC and TEK Specialist

DONE-Identify community interest in and priorities for Information Workshops

UNDERWAY-Initiate contact with PIs regarding their participation in Information Workshops

Jan-March

DONE-Attend 10 Years After Symposium; make contacts with PIs about including TEK in their FY 00 proposals

April-June

-Review FY 00 proposals and make recommendations to Executive Director regarding TEK

July-Sept.

-

ALSO:

2 DONE (NANWALEK 1/18/99 AND SELDOVIA 1/19/99)-Hold 4 Information Workshops

DONE (2/16-18/99)-Hold 1 Technical Workshop

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|-----------------|---|-----------------|--------------------|
| 99064 | Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound | K. Frost/ADFG | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Analyze FY 98 aerial survey data

UNDERWAY-Analyze SDR tag data

UNDERWAY-Update "user friendly" population model

?-Distribute Harbor Seal Update

DELAYED TO MAY OR JUNE; FIRST DRAFT PREPARED-Submit final report (masters thesis) on fish distribution/seal diving

Jan-March

DONE-Retrieve 1998 Argos SDR data

DONE-Attend 10 Years After Symposium

DONE-Coordination meeting for ADFG and NOAA harbor seal studies

DONE-Order materials, arrange logistics

UNDERWAY-Analyze FY 98 seal/prey fatty acid samples; continue model development

April-June

-Submit annual report

July-Sept

-Satellite tag and sample seals in PWS

-Bayesian reanalysis of survey data

-Conduct aerial surveys in PWS during molting

-Retrieve Argos SDR data

PUBLICATIONS (titles and journals not determined)

June 1999 - PWS seal movements

July 1999 - Fatty acids work

| | | | |
|-------|---|------------------------------|------|
| 99090 | Monitoring of Oiled Mussel Beds in Prince William Sound | P. Harris, C. Brodersen/NOAA | NOAA |
|-------|---|------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

-

Jan-Mar

UNDERWAY-Arrange logistics

April-June

-Collect samples from PWS

July-Oct

-Hydrocarbon analyses

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|-----------------|--|------------------------------|--------------------|
| 99100 | Administration, Science Management, and Public Information | All Trustee Council Agencies | ALL |

Project Tasks to be Completed this Quarter

One component of Project 99100 is OSPIC/ARLIS. During the quarter ending 3/31/99, ARLIS staff received 5,858 visitors and 1,179 incoming calls; responded to 3,606 requests for in-depth information (721 of which were EVOS questions); processed 2,311 interlibrary loans (54 of which were for EVOS materials). Fifteen marine ecosystem posters were sold. ARLIS staff reviewed, approved, and distributed 1 final report and 8 annual reports (240 reports are now available), and updated the Bibliography of Trustee Council Funded Research, which now includes 288 citations. The OSPIC web page was active through 3/15/99 and this past quarter 36,474 people used this page. (The content of the page was merged with the Trustee Council's web page and the OSPIC page was shut down 3/15/99.)

| | | | |
|-------|--|---|------|
| 99126 | Habitat Protection and Acquisition Support | C. Fries/ADNR, D. Gibbons/USFS, G. Elison/DOI | ADNR |
|-------|--|---|------|

Project Tasks to be Completed this Quarter

Project tasks completed 10/1/98-12/31/98

-AJV first closing
-ak purchase agreement signed

Project tasks completed 1/1/99-3/31/99

-Eyak 1st closing completed

| | | | |
|-------|------------------------------|----------------------------------|------|
| 99127 | Tatitlek Coho Salmon Release | G. Kompkoff/Tatitlek IRA Council | ADFG |
|-------|------------------------------|----------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Dismantle/store net pens
DONE-Repair/maintain equipment

Jan-March

DONE-Prepare net pen
DONE-Check/set anchors and lines

April-June

-Transport smolt to Boulder Bay and place in net pens (May 20-25)
-Release smolt into Boulder Bay (June 3-8)

July-Sept

-

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|-----------------|--|-------------------------------|--------------------|
| 99131 | Chugach Native Region Clam Restoration | P. Brown- Schwalenberg/ CRRRC | ADFG |

Project Tasks to be Completed this Quarter

NOTE: FUNDING APPROVED 12/15/98

Oct-Dec

UNDERWAY-Continue installing equipment and working the bugs out of new hatchery facility

UNDERWAY-Develop more nutritious and more palatable algae culture for feeding to littleneck clams at various stages of development

UNDERWAY-Develop techniques for producing 5mm broodstock in hatchery

Jan-Mar

DONE-Submit for peer review new seeding and analysis protocol (by 3/15/99)

UNDERWAY-Transfer 5 mm seed to hatchery pre-nursery and FLUPSY (Mar.-July)

April-June

-Continue transfer 5mm seed to hatchery pre-nursery and FLUPSY

-Develop techniques for producing 10-15mm seed for growout

-Seed growout beaches

-Survey growout beaches to determine growth and survival of previous years' seed

July-Sept

-Seed growout beaches

-Survey growout beaches to determine growth and survival of previous years' seed

Conferences

-Pacific Northwest Shellfish Conference

| | | | |
|---------|---|----------------|------|
| 99139A2 | Port Dick Creek Tributary Restoration and Development | W. Bucher/ADFG | ADFG |
|---------|---|----------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Download data from field instruments and analyze data

Jan-March

DONE-Prepare field equipment; arrange logistics

April-June

-Submit annual report (April 15)

-Estimate spawning success through estimation of egg to fry survival from the primary and secondary tributaries

-Perform stream stability and hydrologic field work

July-Sept

-Conduct ground surveys to estimate spawning escapement

-Evaluate fry survival data from springtime emigration

-Perform stream stability and hydrologic field work

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|---|--|--|--------------------|
| 99144A | Common Murre Population Monitoring | D. Roseneau/USFWS | DOI |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Oct-Dec</u> DONE-FY 98 data analysis | | | |
| <u>Jan-March</u> DONE-Arrange logistics and hire personnel | | | |
| <u>April-June</u> DONE-Submit annual report (April 15) -Purchase supplies | | | |
| <u>July-Sept</u> -Collect data at BarrenIslands -Data entry | | | |
| 99145-CLO | Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms | G. Reeves/USFS, K. Currens/Northwest Indian Fisheries Commission | USFS |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Oct-Dec</u> UNDERWAY-Continue genetic and meristic analysis of FY97 data | | | |
| <u>Jan-Mar</u> -Attend 10th Anniversary Symposium | | | |
| <u>April-June</u> - | | | |
| <u>July-Sept</u> -Submit final report | | | |
| 99149-CLO | Archaeological Site Stewardship | D. Reger/ADNR | ADNR |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Oct-Dec</u> - | | | |
| <u>Jan-March</u> - | | | |
| <u>April-June</u> -Submit Final Report (April 15) | | | |
| <u>July-Sept</u> - | | | |

**Exxon Valdez Oil Spill Project Status Summary
FY 99 Work Plan
Quarter Ending March 31, 1999**

| <u>Proj.No.</u> | <u>Project Title</u> | <u>Proposer</u> | <u>Lead Agency</u> |
|-----------------|---|--------------------------|--------------------|
| 99159 | Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer: Report and Publication Writing | B. Lance, D. Irons/USFWS | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Conduct data analysis

Jan-Mar

UNDERWAY-Prepare draft report of 1998 surveys

April-June

-Submit annual report

July-Sept

-Submit trends paper to journal (7/1/99)

PUBLICATIONS

July 1 - Marine bird population trends since the oil spill (Condor)

| | | | |
|--------|--|---------------------------|------|
| 99162A | Investigation of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts/Conference Attendance (Part A) | R. Kocan/Univ. Washington | ADFG |
|--------|--|---------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

SUBMITTED TO DISEASES OF AQUATIC ORGANISMS-Submit manuscript on VHSV survival in seawater
IN ADDITION, manuscript on Ichthyophonus hoferi in juvenile herring published Dec. 1998

Jan-Mar

DELAYED-Submit manuscript on natural history of VHSV in juvenile herring (Jan. 31)

DELAYED-Submit manuscript on antibody production in wild herring (Mar. 31)

April-June

-Submit manuscript on age-related immunity to VHS in herring (May 31)

July-Sept

MANUSCRIPT ACCEPTED DEC. 1998-Submit net-pen related disease studies in herring (July 31)

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|-----------------|--|-------------------------------|--------------------|
| 99162B | Investigations of Disease Factors Affecting Declines of Pacific Herring Populations: Manuscripts/Conference Attendance (Part B) | C. Kennedy/Simon Fraser Univ. | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DELAYED PENDING RECEIPT OF HYDROCARBON ANALYSIS FROM MARK CARLS-Submit manuscript on effects of oil-water dispersion on swimming performance and exercise recovery in juveniles (Nov. 15)

DELAYED PENDING RECEIPT OF HYDROCARBON ANALYSIS FROM MARK CARLS-Submit manuscript on stress responses in juveniles exposed to oil-water dispersion (Dec. 15)

Jan-March

DONE-Presentation at 10 Years After symposium

DELAYED; UNDERWAY-Submit manuscript on alterations in immunocompetence and disease resistance of juveniles exposed to oil-water dispersion (Feb. 15)

-Submit manuscript on *Ichthyophonus hoferi* and VHS in herring: effects on biochemistry and immunology (Mar. 15)

April-June

-

July-Sept

-Presentation at AFS meeting (Aug.)

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|-----------------|---|-----------------------------|--------------------|
| 99163 | APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska | D. Duffy/Paumanok Solutions | NOAA |

Project Tasks to be Completed this Quarter

Oct-Dec

-

Jan-March

DONE-10 Year Symposium presentation (E, G, I, L, M, Q, R)

April-June

DELAYED-Submit annual report (April 15)

July-Sept

-

Publications:

B: Distribution of potential sand lance habitat within PWS as determined through interpretation of hydroacoustic data bottom

E: (1) Interannual variability in diet/foraging effort of kittiwakes in relation to prey abundance

(2) Population dynamics of kittiwakes in PWS

(3) Leg noose for capturing nesting birds

G: (1) Diet and reproduction in pigeon guillemots from PWS and Kachemak Bay

(2) Diet and reproduction in black-legged kittiwakes from PWS

(3) Parental energy expenditure of black-legged kittiwakes in relation to diet/foraging

(4) Effects of diet quality on reproductive success of piscivorous seabirds

(5) Prey exploitation by piscivorous seabirds in PWS: bioenergetics approach

J: (1) Changes in murre population numbers at the Barren Islands colonies

(2) Changes in murre nesting chronology at the Barren Islands colonies

L: (1) Long-term changes in the GOA marine ecosystem

(2) Early life history and dynamics of sand lance: Lower Cook Inlet and Shelikof Strait

(3) Long-term shifts in benthic commercial fishery species: a case study

(4) Pandalid shrimp declines in GOA: forage fish regime shift

S: (1) Aggregations of jellyfish in PWS: Prevalence, characteristics, and associations of juvenile fishes

(2) Trends in scyphomedusae abundance in GOA: peak abundance in 1980

Professional Conferences:

I: Pacific Seabird Group, Waterbird Society, and Society for Conservation Biology

DONE-J: Pacific Seabird Group

L: Int'l Pandalid Shrimp Symposium

DONE-Q: Pacific Seabird Group

DONE-R: Pacific Seabird Group

S: American Society of Limnology and Oceanography

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|-----------------|--|---|--------------------|
| 99169 | A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets in the Gulf of Alaska | V. Friesen/Queen's Univ., J. Piatt/USGS-BRD | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE JULY 1998-Submit manuscript for publication

UNDERWAY-Screen FY 98 samples for variation in mitochondrial control region

Jan-March

UNDERWAY-Screen FY 98 samples for variation at 8 microsatellite loci

April-June

-Arrange logistics for FY 99 collections

-Screen FY 98 samples for variation at 10 introns

July-Sept

-Collect blood, feather, and tissue samples

Conferences

Society for Conservation Biology, Society for Study of Evolution, and/or American Ornithological Union

| | | | |
|-------|--|---------------------------------|------|
| 99180 | Kenai Habitat Restoration and Recreation Enhancement | A. Weiner/ADNR, K. Cromrey/USFS | ADNR |
|-------|--|---------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Pile driving contract for all boardwalks

Jan-March

-

April-June

-Receive materials for all boardwalks, trails, and interpretive node

-Construct boardwalks, trails, and interpretive node

July-Sept

-Monitor resources in area through summer during high use periods

DELAYED TO 4/15/00-Submit final report - Sept. 30

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|-----------------|---|-----------------|--------------------|
| 99188-CLO | Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon In Prince William Sound | T. Joyce/ADFG | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Apply thermal marks to BY 98 embryos

Jan-March

DONE-Estimate harvest stock composition for BY 96

UNDERWAY-Evaluate quality of estimation procedure for BY 96

April-June

-Evaluate thermal mark quality for BY 98

July-Sept

-Submit final report - Sept. 30

| | | | |
|-------|--|----------------------------|------|
| 99190 | Construction of a Linkage Map for the Pink Salmon Genome | F. Allendorf/Univ. Montana | ADFG |
|-------|--|----------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

Continue screening of DNA polymorphisms to test for Mendelian inheritance and joint segregation

UNDERWAY-Place allozyme, microsatellite, and other codominant markers on the map

DONE-Perform genetic analysis of adults used in experimental matings

Jan-March

-

April-June

73 FAMILIES OF PINK SALMON FROM LIKES CREEK CURRENTLY BEING INCUBATED (WILL RELEASE END OF MAY)-Rear experimental progeny at Alaska SeaLife Center

July-Sept

-Perform genetic analysis of progeny produced in experimental matings

-Begin experiments at ASLC to test for adaptive significance and major phenotypic effects of the loci in pink salmon genome in odd-year fish

Conferences

-

Publications

Planned for FY 99 - Haploid linkage map (Journal of Heredity)

MARCH QTR. REPT. SAYS 2 MS. IN PROGRESS: (1) DESCRIPTION OF GENE-CENTROMERE MAPPING OF 300 LOCI AND (2) DESCRIPTION OF PINK SALMON LINKAGE MAP

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|-----------------|--|------------------|--------------------|
| 99191A-CLO | Field Examination of Oil-Related Embryo Mortalities in Pink Salmon Populations in Prince William Sound | M. Willette/ADFG | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Assemble data from previous years' sampling

Jan-March

UNDERWAY-Conduct statistical analyses

April-June

-Submit final report (April 15)

Publications

-Evidence of damage to pink salmon populations inhabiting PWS: final perspectives (Transactions of American Fisheries Society)

Conferences

-

| | | | |
|-------|--------------------------------|--------------------------|------|
| 99195 | Pristane Monitoring in Mussels | J. Short, P. Harris/NOAA | NOAA |
|-------|--------------------------------|--------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Analyze 1998 hydrocarbon data

CANCELED (NO TIME) -Revise brochure

DONE-Commence fall sampling

Jan-March

UNDERWAY-Commence spring sampling

April-June

DELAYED-Submit annual report (April 15)

-Prepare report for public and high schools

July-Sept

-Continue collecting samples

-Analyze 1999 samples for pristane

Publications

-Expect to complete 2 in FY 99 (titles not provided)

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|-----------------|---|-----------------|--------------------|
| 99196-CLO | Genetic Structure of Prince William Sound Pink Salmon | C. Habicht/ADFG | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

CANCELED; INSTEAD, PRESENTED AT PINK AND CHUM WORKSHOP IN MARCH AND EVOS 10-YEAR SYMPOSIUM-Present even-year results at Western Division AFS

DONE-Standardize allozyme alleles across labs

Jan-March

UNDERWAY BUT DELAYED DUE TO DEPARTURE OF BIOMETRICIAN-Statistically analyze all collections

April-June

DELAYED TO 9/30/99-Submit final report (April 15)

July-Sept

-

| | | | |
|-------|------------------|------------------------------------|------|
| 99210 | Youth Area Watch | R. Sampson/Chugach School District | ADFG |
|-------|------------------|------------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-School site orientations

DONE-Select students for participation in Youth Area Watch program, including students in new communities of Port Graham, Nanwalek, and Seldovia

DONE-Provide protocol training to site teachers

DONE-Student orientation and training

DONE-Prepare weather station at each site

DONE-Students submit proposals for local restoration projects

Jan-March

DONE-Project coordinator send data to PIs

DONE-Site teacher follow-up training

DONE-Students being work on restoration projects

DONE-Students travel to Auke Bay lab in conjunction with pristane/mussel project

DONE-Students present at 10 Years After symposium

April-June

-Project coordinator send data to PIs

-Students complete project reports

July-Sept

-

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|-----------------|---|-------------------------------------|--------------------|
| 99225 | Port Graham Pink Salmon Subsistence Project | E. Anahonak/Port Graham IRA Council | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

CANCELED; THE HEAT TREATMENT EQUIPMENT WAS NOT INSTALLED IN THE TEMPORARY INCUBATION FACILITY SOON ENOUGH TO PERMIT OTOLITH MARKING-Heat-treat incubators containing the lots intended for extended rearing and heated water rearing, to produce a separate otolith mark for each lot
UNDERWAY-After eye-up, eggs from the lot intended to reach 1 gram by late May are put on a heated water regimen

Jan-March

DONE-Fish in lots with ambient water temperature incubation will hatch and fish in lot on heated water incubation will emerge

April-June

-Release heated-water-rearing lot into zooplankton bloom (May)
-Release standard-treatment-rearing lot into zooplankton bloom (May)

July-Sept

-Release extended-rearing lot (late June, early July)
-Monitor pink salmon return to Port Graham
-Capture hatchery broodstock
-Egg take

References

DONE-Alaska Hatchery Manager's Workshop
-Native American Fish and Wildlife Society

| | | | |
|-------|--|---|------|
| 99245 | Community-Based Harbor Seal Management and Biological Sampling | J. Fall/ADFG, M. Riedel/Alaska Harbor Seal Commission | ADFG |
|-------|--|---|------|

Project Tasks to be Completed this Quarter

Ongoing

UNDERWAY-Biological sample collection

Oct-Dec

DONE-Update contract with ANHSC
DONE-Hire community technicians
DONE (SELDOVIA, PORT GRAHAM, AND NANWALEK HUNTERS IN A SESSION HELD IN SELDOVIA; EYAK HUNTERS)-Hold training sessions for biological sampling for new technicians
ALSO: Riedel gave presentation to Rural Governance Commission, taught 2 Cordova High School marine biology classes the harbor seal biosampling methods, gave a presentation to 5th graders at Cordova Elementary School, sent newsletters to the biosamplers, and traveled to Yakutat to help coordinate a biosampling effort in Southeast Alaska

Jan-Mar

DONE-ANHSC workshop
DONE-Presentation at 10 Years After symposium

April-June

-Distribute proceedings report

July-Sept

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|-----------------|--|-----------------------------------|--------------------|
| 99247 | Kametolook River Coho Salmon Subsistence Project | J. McCullough, L. Scarbrough/ADFG | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Install net holding pens and seine coho salmon to keep in pens
 DONE-Conduct stream surveys
 DONE-Conduct escapement surveys
 DONE-Perform coho salmon egg take
 DONE-Sample salmon for genetic and pathology tests
 DONE-Consult with teachers and set up school aquarium

Jan-March

DONE-Attend Chignik State Board of Fish meeting
 DONE-Transport eyed eggs to the aquarium
 DONE-Analyze subsistence and commercial harvest data
 DONE-Attend Chignik RPT meeting and provide status report
 DONE-Submit Fish Transport permit request to ADFG
 DONE-Present poster at 10 Years After symposium

April-June

-Review meeting with assessment team to evaluate the project
 y release from egg boxes
 arryville students release aquarium fry (May)
 -Monitor monthly thermograph and incubation boxes

July-Sept

-Monitor monthly thermograph and incubation boxes
 -Conduct stream surveys

| | | | |
|-------|--------------------|------------------------------|-----|
| 99250 | Project Management | All Trustee Council Agencies | ALL |
|-------|--------------------|------------------------------|-----|

Project Tasks to be Completed this Quarter

Not applicable

| | | | |
|-----------|--------------------|------|-----|
| 99250(am) | Project Management | ADEC | ALL |
|-----------|--------------------|------|-----|

Project Tasks to be Completed this Quarter

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|-----------------|--|-----------------------|--------------------|
| 99252 | Investigations of Genetically Important Conservation Units of Rockfish and Walleye Pollock | J. Seeb, L. Seeb/ADFG | ADFG |

Project Tasks to be Completed this Quarter

NO UPDATE RECEIVED

NOTE: DECISION MADE TO CLOSE-OUT PROJECT MARCH 1999; DPD (IN FORM OF MEMO) APPROVED MARCH 16, 1999.

Oct-Dec

-

Jan-March

-Complete development of *Sebastes* microsatellite loci

April-June

-Plan and assist with release of pink salmon fry

-Collect rockfish tissue samples (March-May)

-Submit primer note on black rockfish to *Molecular Ecology* (June 1999)

July-Sept

-Transition pink salmon work to Project /190

-Complete analysis of lab data

Submit final report on pollock work, including recommendations for management (Sept. 1999)

NOTE: Final report on black rockfish work (including recommendations for management) will be submitted January 2000

Conferences

-

| | | | |
|--------|--------------------------------------|-----------------------------------|------|
| 99256B | Sockeye Salmon Stocking at Solf Lake | D. Gillikin/USFS, P. Shields/ADFG | USFS |
|--------|--------------------------------------|-----------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

-

Jan-March

-

April-June

-Release second year of sockeye fry at Solf Lake (PWSAC)

-Monitor smolt out-migration (ADFG)

July-Sept

-Conduct limnological sampling and prepare report (ADFG)

-Conduct egg take for FY 2000 stocking at Solf Lake (PWSAC)

-Complete survey and final design of fishway - August (USFS)

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|-----------------|---|---|--------------------|
| 99263 | Assessment, Protection and Enhancement of Salmon Streams in Lower Cook Inlet | W. Meganack, Jr./Port Graham Corporation | ADFG |

Project Tasks to be Completed this Quarter

NOTE: PROJECT APPROVED 12/15/98

Oct-Dec

DONE-Monitor Windy Creek Left rearing ponds; conduct maintenance as needed

DONE-Monitor Port Graham River fish pass; conduct maintenance as needed

Jan-March

DONE-Develop final enhancement plans

DONE-Field review projects

April-July

-Maintain fish pass

-Plant willow and alders around rearing ponds and add woody debris

-Monitor use of rearing ponds by coho fry and smolt

-Conduct salmon run surveys on Port Graham River (July-Oct.)

Aug-Sept

-

| | | | |
|-------|---|--------------------------|-------------|
| 99273 | Surf Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource | D. Rosenberg/ADFG | ADFG |
|-------|---|--------------------------|-------------|

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Coordinate and plan community involvement, Youth Area Watch, and TEK

DONE-Update scoter GIS database

DONE-Submit grants for additional satellite transmitter

DONE-Design configuration and order transmitter

Jan-March

DONE-Attend synthesis workshops in local communities

DONE-Meet with local subsistence harvesters

DONE-Prepare for field season

April-June

-Conduct reconnaissance surveys for scoter concentrations

-Capture birds and implant radios

July-Sept

-Monitor satellite transmitters

-Conduct surveys and field work and nesting and molting areas

Conferences

-The Non-Breeding Biology of Diving Ducks: An International Conference (March 1999)

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|-----------------|--|-----------------|--------------------|
| 99278 | Development of an Ecological Characterization and Site Profile for Kachemak Bay/Lower Cook Inlet | G. Seaman/ADFG | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Hire habitat biologist
 DONE-Develop questionnaire to use in interviews
 DONE-Begin interviews
 DELAYED UNTIL NEXT QUARTER-Start digitizing new spatial data

Jan-March

DONE-Continue interviews
 UNDERWAY-Distribute draft sections in project outline for review
 UNDERWAY-Provide draft materials to CSC for review and comment

April-June

-Complete interviews
 Complete capture, digitization, and manipulations of GIS data

July-Sept

-Complete CSC review of products
 -Finalize all spatial and narrative products

References

Coastal Zone 99

| | | | |
|-----------|--|---------------------|------|
| 99289-BAA | Status of Black Oystercatchers in Prince William Sound | S. Murphy/ABR, Inc. | NOAA |
|-----------|--|---------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

-

Jan-March

DONE-Present poster at 10 Years After symposium

April-June

-Submit final report
 -Prepare white-literature publication

July-Sept

-

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|-----------------|---|--------------------------|--------------------|
| 99290 | Hydrocarbon Data Analysis, Interpretation, and Database Maintenance | J. Short, B. Nelson/NOAA | NOAA |

Project Tasks to be Completed this Quarter

Ongoing

- Store samples
- Analyze data

April-June

- Submit annual report in the form of updated release of hydrocarbon data software (April 15)

Conferences

- Quality Assurance/Quality Control Annual Meeting

| | | | |
|-----------|---|-------------|------|
| 99291-CLO | Chenega Shoreline Residual Oiling Reduction: Final Report Writing | M. See/ADEC | ADEC |
|-----------|---|-------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

LAYED TO MAY 15, 1999-Submit final report (12/31/98)

1-March

DELAYED TO JUNE-Presentation to community of Chenega Bay (February)

| | | | |
|-------|--|----------------------------------|------|
| 99300 | Synthesis of the Scientific Findings from the Exxon Valdez Oil Spill Restoration Program | R. Spies/Applied Marine Sciences | ADNR |
|-------|--|----------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Finalize list of invitees to food-web modeling workshop (sponsored under Project 98330)

UNDERWAY-Submit synthesis papers to scientific journals

Jan-March

DONE-Finalize agenda for food-web modeling workshop

DONE-Conduct food web modeling workshop

-Prepare synopsis of types of data systems currently in use by large-scale monitoring programs around the nation

April-June

-

July-Sept

-Submit to Executive Director a draft report describing a long-term research and monitoring program for integrating science and management

Publications

3 papers are expected to be submitted early in FY 99

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|-----------------|--|----------------------------------|--------------------|
| 99304 | Kodiak Island Borough Master Waste Management Plan | G. Stevens/Kodiak Island Borough | ADEC |

Project Tasks to be Completed this Quarter

PROJECT DELAYED -- MARCH QTR. REPT. SAYS EXPECT PROJECT START DATE OF MAY 1999; SCHEDULE BELOW WILL BE REVISED ONCE MOU IS SIGNED BETWEEN ADEC AND KODIAK ISLAND BOROUGH.

Oct-Dec

- Design burn boxes

Jan-March

- Advertise/bid upgraded incinerators
- Design used oil and HHW sheds
- Advertise/bid used oil heat-recovery burners
- Advertise/bid smart ash incinerator

April-June

- Obtain supplies to consolidate scrap
- Advertise/bid burn boxes
- Prepare O&M manuals
- Training: contracting
- Training: coordinate scrap marshalling
 - Advertise/bid used oil and HHW sheds
 - Order parts to upgrade used oil burner feed
- Order antifreeze collection drums, fish totes
- Order safety and spill equipment
- Develop operations plan for used oil and HHW
- Develop spill response plan for minor spills of used oil and HHW
- Order spill response equipment

July-Sept

- Design landfill drainage
- Design blasting/excavating
- Complete scrap consolidation
- Receive and install burn boxes
- Purchase and install signs
- Training: burn boxes
- Training: consolidate/cover existing materials
- Train/install incinerator upgrades
- Trainees meet with ADEC: solid waste
- Training: used oil and HHW

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|-----------------|--|-------------------|--------------------|
| 99306 | Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet | J. Piatt/USGS-BRD | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

POSTPONED TO MAY-Submit masters thesis

DONE-Publish manuscripts on sand lance maturity, spawning, and growth

DONE-Submit for publication report on sand lance energetics

Jan-March

UNDERWAY-Analyze historical trawl database for larval sandlance

April-June

-Begin field season

-Submit annual report

July-Sept

-Complete field season

| | | | |
|-------|--|----------------|------|
| 99311 | Pacific Herring Productivity Dependencies in the Prince William Sound Ecosystem Determined with Natural Stable Isotope Tracers | T. Kline/PWSSC | ADFG |
|-------|--|----------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Prepare new samples for mass spectrometry

UNDERWAY-Data integration and synthesis

Jan-March

-

April-June

DONE-Submit final report

July-Sept

-Complete data synthesis and assessment

Publications

UNDERWAY (MAY BE NEW TITLE)-Fall isotopic and somatic energy signatures of young of the year Pacific herring in PWS: implications for trophic studies

Conferences

ATTENDED ASLO-National meeting such as AFS, ASLO, or AGU

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|-----------------|--|--------------------------|--------------------|
| 99314 | Homer Mariner Park Habitat Assessment and Restoration Design | J. Cushing/City of Homer | ADNR |

Project Tasks to be Completed this Quarter

Oct-Dec

POSTPONED-Collect historic information and data
POSTPONED-Conduct community involvement component of project
DONE-Award contracts

Jan-March

UNDERWAY-Winter field surveys
UNDERWAY-Analyze historic information and data

April-June

-

July-Sept

-Spring, summer, and fall field efforts
-Produce EA
-Submit final report - Sept. 30

| | | | |
|-----------|----------------------------------|----------------------|------|
| 99320-CLO | Sound Ecosystem Assessment (SEA) | T. Cooney, et al/UAF | ADFG |
|-----------|----------------------------------|----------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE (OCT. 24-25)-Review rough draft of all synthesis/summary manuscripts at SEA synthesis workshop

Jan-March

DELAYED (WRITING TAKING LONGER THAN EXPECTED)-Review second drafts of all manuscripts at SEA synthesis workshop
DONE-Block out final report format
DELAYED; DEADLINE EXTENSION GRANTED-Prepare manuscripts and final reports in final form
DONE-Presentation at EVOS 10-Year Symposium

April-June

-Submit SEA final report to Trustee Council and Fisheries Oceanography (April 15)
-Submit SEA synthesis volume to Trustee Council and Fisheries Oceanography (April 15)

July-Sept

-Respond to revisions to final report and synthesis volume

Conferences

DONE - E: Sea Grant workshop on ecosystem considerations in fisheries management
CANCELED - G: ASLO meeting (February, Santa Fe) (2 people)
R: ERIM Coastal Remote Sensing
AGU
T: AFS (4 people)

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|--|--|--|--------------------|
| 99320M-CLO | Sound Ecosystem Assessment (SEA): Observational Oceanography in Prince William Sound and the Gulf of Alaska | S. Vaughan/PWSSC | NOAA |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Oct-Dec</u> | | | |
| - | | | |
| <u>Jan-March</u> | | | |
| - | | | |
| <u>April-June</u> | | | |
| -Submit final SEA report (April 15) | | | |
| <u>July-Sept</u> | | | |
| - | | | |
| 99320N-BAA | Acoustic Assessment of Pink Salmon Predators, Macrozooplankton Prey and Juvenile Herring in Prince William Sound | G. Thomas/PWSSC | NOAA |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>t-Dec</u> | | | |
| -NE-Analyze field data | | | |
| <u>Jan-March</u> | | | |
| - | | | |
| <u>April-June</u> | | | |
| DELAYED TO 9/30/99-Submit final SEA report (April 15) | | | |
| <u>July-Sept</u> | | | |
| - | | | |
| 99325-BAA | Assessment of Injury to Intertidal and Nearshore Subtidal Communities Following EVOS: Preparation of Manuscripts for Publication | T. Dean/Coastal Resources Associates, Inc. | NOAA |
| <u>Project Tasks to be Completed this Quarter</u> | | | |
| <u>Publications (review drafts to be submitted by 4/30/99)</u> | | | |
| DELAYED TO 8/1/99-(1) Algal community function following EVOS | | | |
| DELAYED-(2) Summary of impacts of EVOS on nearshore subtidal communities | | | |

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|-----------------|--|----------------------------|--------------------|
| 99327 | Pigeon Guillemot Restoration Research at the Alaska SeaLife Center | D. Roby/Oregon State Univ. | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Examine sources of variability in hatching success

UNDERWAY-Analyze growth rates and fledging characteristics

DONE-Submit blood samples to UAF for analysis

Jan-March

DONE-Attend 10 Years After symposium

April-June

-Install artificial nest sites, decoys, and playback sound equipment at ASLC

-Annual report due April 15

July-Sept

-Raise guillemot nestlings in captivity

-Release captive-reared fledglings

-Conduct captive rearing experiments

-Collect field data on use of artificial nest sites

-Collect samples for dose-response experiment

-Complete feeding trials

| | | | |
|-------|--|---------------|------|
| 99328 | Synthesis of the Toxicological and Epidemiological Impacts of the Oil Spill on Pacific Herring | M. Carls/NOAA | NOAA |
|-------|--|---------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Author meeting -- assign writing

Jan-March

DONE-Toxicological section complete for review by other authors (Jan.)

DONE-Disease section complete for review by other authors (Feb.)

DONE-Presentation at 10 Years After symposium (March)

April-June

UNDERWAY-Complete internal review (May)

-Submit manuscript to peer reviewed journal (June 30)

July-Sept

-Return revised manuscript to journal for publication (target Canadian Journal of Fisheries and Aquatic Sciences)

Conferences

SETAC (?)

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|-----------------|---|-----------------|--------------------|
| 99329 | Synthesis of the Toxicological Impacts on Pink Salmon | S. Rice/NOAA | NOAA |

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-First draft of monograph complete

Jan-March

DONE-Complete Murphy stream sediment paper and final report; submit by March

-Complete second draft of manuscript

DONE-Presentation at 10 Years After symposium

April-June

DELAYED TO 7/30/99-Submit synthesis monograph to journal for publication (April 30)

July-Sept

-

| | | | |
|-----------|--|-------------------------------|------|
| 99330-BAA | Mass-Balance Models of Trophic Fluxes in EVOS-Impacted Areas | D. Pauly/UBC, S. Pimm/U. Tenn | NOAA |
|-----------|--|-------------------------------|------|

Project Tasks to be Completed this Quarter

t-Dec

REPLACED BY ECOSYM MODEL BECAUSE EXPLICIT SEASONAL INFORMATION DATA NOT AVAILABLE-Incorporate explicit seasonal information into PWS Ecopath model

(1) IN PRESS, LOWELL WAKEFIELD SYMPOSIUM. MASS BALANCE MODEL OF TROHPIC FLOWS IN PWS: DECOMPARTMENTALIZING ECOSYSTEM KNOWLEDGE; (2) TROPHIC MASS BALANCE MODEL OF ALASKA'S PWS ECOSYSTEM FOR THE POST-SPILL PERIOD 1994-96. FISHERIES CENTER RES. REPORTS 1998. VOL6, #2-Submit scientific papers on above

Jan-March

DONE-Hold PWS model specification workshop (Jan.)

DONE-Complete CD-ROM containing PWS Ecopath model and graphic simulation scenarios, an Alaska Fish database, and other databases

DONE-Presentation at 10 Years After symposium

April-June

-Submit scientific papers documenting key features and behavior of trophic mass-balance models including Ecospace

July-Sept

-Final dissemination of project results and products (final report to be submitted Sept. 30)

Conferences

-Lowell Wakefield Fisheries Symposium, Anchorage, 9/30/98

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|-----------------|--|-----------------|--------------------|
| 99338 | Survival of Adult Murres and Kittiwakes in Relation to J. Piatt/USGS-BRD Forage Fish Abundance | | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Analysis of re-sighting data collected in FY 98

DONE-Process FY 98 banding data and submit to USFWS banding lab

Jan-Mar

DONE-Attend 10th Anniversary

April-June

-Arrange logistics

-Begin field work (re-sighting effort at Gull and Chisik islands)

-Submit annual report (April 15)

July-Sept

-Band new birds and Gull and Chisik islands

-Compile resighting results; conduct data analysis

Conferences

Feb 24-28, 1999: Annual Meeting of the Pacific Seabird Group

| | | | |
|-------|---|---------------------------|------|
| 99339 | Western Prince William Sound Human Use and Wildlife Disturbance Model | K. Murphy, L. Suring/USFS | USFS |
|-------|---|---------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DELAYED UNTIL MARCH-Analyze survey data

DELAYED UNTIL MARCH-Evaluate and adjust existing use model

Jan-March

-Synthesize literature on disturbance into draft management recommendations

April-June

-Identify future use projections and apply to model

-Finalize management recommendations

July-Sept

-Prepare final report and model (submit July 1)

Conferences

CANCELED?-Annual GIS

WILL PRESENT PAPER 9/99-Wildlife Society

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|-----------------|---|--------------------|--------------------|
| 99340 | Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem | T. Weingartner/UAF | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Purchase mooring equipment

DONE-Deploy mooring equipment

DID OCTOBER AND DECEMBER SURVEYS; CANCELED NOVEMBER DUE TO POOR WEATHER AND BREAKDOWN OF THE SURVEY VESSEL-Monthly CTD surveys

DELAYED PENDING FINAL CALIBRATION INFORMATION ON THE CTD DATA (EXPECT END OF FEBRUARY) AND MOORING DATA (EXPECT MARCH)-Update homepage

Jan-March

JANUARY CANCELED BECAUSE OF ROUGH WEATHER; FEBRUARY AND MARCH DONE-Monthly CTD surveys
FEBRUARY DATA DONE; MARCH DATA UNDERWAY-Update homepage

April-June

-Monthly CTD surveys

-Update homepage

July-Sept

-Monthly CTD surveys

-Update homepage

References

American Geophysical Union (?)

| | | | |
|-------|---|-------------------|------|
| 99341 | Harbor Seal Recovery: Controlled Studies of Health and Diet | M. Castellini/UAF | ADFG |
|-------|---|-------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Trial 1 of staggered feeding protocol (Sept.-Dec.)

DONE-Assimilation efficiency experiments

DONE-Begin frequency studies on separate group of two

Jan-March

DONE-Trial 2 of staggered feeding protocol (Jan.-April)

UNDERWAY-Assimilation efficiency experiments

DONE-Continue frequency trials

April-June

-Trial 3 of staggered feeding protocol (May-Aug.)

-Assimilation efficiency experiments

-Continue frequency trials

July-Sept

-Assimilation efficiency experiments

-Continue frequency trials

References

Experimental Biology Meeting (April)

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|-----------------|--|---|--------------------|
| 99346 | Publication of an Indexed Bibliography of the Genus Ammodytes (Sand Lance) | R. Armstrong/UAA, M. Willson/USFS, H. Robards/DOI | USFS |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Submit publication for peer review

Spring 1999

-Publish (General Technical Report, USFS)

| | | | |
|-------|---|----------------|------|
| 99347 | Fatty Acid Profile and Lipid Class Analysis for Estimating Diet Composition and Quality at Different Trophic Levels | R. Heintz/NOAA | NOAA |
|-------|---|----------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Complete sample processing for spatial variability of FA

UNDERWAY-Begin analysis of temporal variability samples

UNDERWAY-Complete statistical analysis of data from spatial variability samples

Jan-March

April-June

-

July-Sept

-Complete sample processing for temporal variability of FA

Conferences

National Meeting of American Fisheries Society (Sept.)

Publications

Spatial variation of FA profiles and lipid class compositions in herring, sand lance, and their prey in PWS (submit to journal Jan. 1999)

| | | | |
|-------|---|---------------------------------------|------|
| 99348 | Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers | M. Ben-David, T. Bowyer, L. Duffy/UAF | ADFG |
|-------|---|---------------------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Conduct experiments at ASLC (June 1998-Feb. 1999)

Jan-March

DONE-Release animals to the wild

April-June

-

July-Sept

data entry, analysis, and write-up

submit final report - Sept. 30

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|-----------------|--|-------------------------------|--------------------|
| 99361-BAA | Dynamic Graphical Techniques for Ecosystem Synthesis, Communication and Product Delivery | J. Allen/PWSSC, T. Cooney/UAF | NOAA |

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

DONE-Complete draft storyboard

DONE-Draft core model animations

Jan-March

DONE-Final content approved by SEA team

DONE-Present electronic synthesis at 10 Years After symposium

April-June

UNDERWAY-Begin analog video production

-Pre-review of storyboard by Restoration Office (by May 15)

-Script and media clip list finalized with video production services

-Pre-review of script and some media clips by Restoration Office (by July 30)

July-Sept

-SEA video mastering

NOTE: Final report to be submitted 4/15/00

| | | | |
|-------|---|--------------|------|
| 99366 | Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology | E. Otis/ADFG | ADFG |
|-------|---|--------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Purchase video equipment and materials

Jan-March

UNDERWAY-Fabricate strongbox for video equipment

UNDERWAY-Arrange logistics

April-June

-Deploy video equipment

-Operate weir camp (June-Aug)

Aug-Sept

-Evaluate camera's performance against weir counts

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|-----------------|---|------------------|--------------------|
| 99367 | Synthesis and Publication of Fisheries Research | M. Willette/ADFG | ADFG |

Project Tasks to be Completed this Quarter

RESTORATION OFFICE NOTIFIED 5/25/99 THAT PI HAS TAKEN NEW JOB AND PROJECT WILL BE CANCELED.

Oct-Dec

UNDERWAY-Assemble data for analysis

Submit June 1: Physical and biological factors affecting growing of Pacific herring in PWS

Submit July 15: Comparison of ground and aerial survey estimates of Pacific salmon spawners

Submit Sept. 1 - Homing and straying patterns of coded-wire tagged pink salmon in PWS

Submit Sept. 30 - Factors affecting maring survival of wild pink salmon in PWS

| | | | |
|-------|---|-----------------|------|
| 99368 | Maps Depicting Environmentally Sensitive Areas in Prince William Sound (Summary Seasonal Maps Only) | J. Whitney/NOAA | NOAA |
|-------|---|-----------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DELAYED TO FEBRUARY BUT NOW UNDERWAY-Begin data collection and evaluation

POSTPONED TO APRIL-Classify shorelines

Jan-March

POSTPONED TO SEPTEMBER-Send out draft maps for review

April-June

POSTPONED TO NOVEMBER-Review maps returned for final editing

POSTPONED TO DECEMBER-Complete digital data

July-Sept

POSTPONED TO FEBRUARY 2000-Color separates completed and approved

POSTPONED TO FEBRUARY 2000-Printing of maps advertised for bids

POSTPONED TO MARCH 2000-Printed maps and digital data delivered (Sept. 30)

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|-----------------|---|-----------------|--------------------|
| 99371 | Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers | D. Schell/UAF | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Begin analysis of standard amino acid samples from seal tissues

DELAYED; MACHINE UNAVAILABLE FOR NEW DEVELOPMENT AT THIS TIME-Protocol development for fatty acid analysis

Jan-March

DELAYED (MACHINE BREAKDOWN, NOW REPAIRED)-Establish methodology and protocols for the isolation and identification of amino acids from harbor seal blood proteins

UNDERWAY-Begin isotopically labeled feeding experiments

April-June

-Analytical work

-Continue feeding experiments

July-Sept

-Analytical work

-Continue feeding experiments

| | | | |
|-----|--|---------------------------|------|
| 175 | Effect of Herring Egg Distribution and Ecology on Year-Class Strength and Adult Distribution | E. Brown, B. Norcross/UAF | ADFG |
|-----|--|---------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE; ALL SPAWN LOCATIONS FOR ALL YEARS DIGITIZED FOR GIS ANALYSIS-Complete documentation of variability of herring spawn and year-class strength

UNDERWAY; EXPERIMENTING WITH CHANGING DISPLAY FORMAT TO TIME-SERIES CORRELATIONS

INSTEAD-Finish correlation between spawn and year-class strength

Jan-March

HAVE DEFINED VARIABLES FOR SELECTION BUT WILL DELAY COMPLETION UNTIL APRIL AT REQUEST OF PWSSC (CONTRACTOR) IN ORDER TO PARTICIPATE FULLY IN EVOS 10TH ANNIVERSARY SYMPOSIUM-Define oceanographic regions with accompanying data sets

?-Initial run of GAM

April-June

-Statistical analysis completed

July-Sept

- Publication finalized

-Attend AFS meeting

Conferences

AFS, Alaska Chapter

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|-----------------|---|-----------------|--------------------|
| 99379 | Assessment of Risk Caused by Residual Oil in Prince William Sound Using P450 Activity in Fishes | S. Jewett/UAF | ADFG |

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

-

Jan-March

- Analyze 1998 P450 samples
- Arrange logistics for June cruise

April-June

- Collect samples (sediment and fish)

July-Sept

- Analyze P450 and sediment hydrocarbon samples

| | | | |
|-------|---|----------------|------|
| 99381 | Status of Seabird Colonies in Northeastern Prince William Sound | M. Bishop/USFS | USFS |
|-------|---|----------------|------|

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998; SPENDING NOT AUTHORIZED UNTIL MAY 1999

Oct-Dec

-

Jan-March

-

April-June

- Coordinate with Youth Area Watch program
- Conduct surveys and colony counts

July-Sept

- Prepare report, distribute data

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|-----------------|---|-----------------------------|--------------------|
| 99391 | Cook Inlet Information Management/Monitoring System | J. Hock/ADEC, C. Fries/ADNR | ADNR |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Establish written contact with user community
 DONE-Schedule preliminary Cook Inlet Coalition Meeting to introduce project
 DONE-Develop cooperative agreement with EPA
 DONE-Distribute list of available datasets to user community
 DONE-Conduct User Needs Analysis Workshop
 UNDERWAY-Receive results of User Needs Analysis Workshop from contractor

Jan-March

DRAFT USER NEEDS ANALYSIS SENT TO ALL-Cook Inlet Coalition review user analysis
 UNDERWAY-Begin development of prototype

April-June

-

July-Sept

-Prototype evaluation initiated through Cook Inlet Coalition
 -Initiate agency staff training for prototype evaluation
 -Develop system specifications

| | | | |
|-----------|--|----------------|------|
| 99393-BAA | Prince William Sound Food Webs: Structure and Change | T. Kline/PWSSC | NOAA |
|-----------|--|----------------|------|

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

DONE-Participate in Ecopath workshop
 DONE-Prepare archived samples for mass spectrometry (Oct-April)

Jan-March

UNDERWAY-Mass spectrometry at UAF (Jan-Oct)

April-June

-Process new isotope data (June-Oct)

July-Sept

-

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|-----------------|---|---|--------------------|
| 99401 | Assessment of Spot Shrimp Abundance in Prince William Sound | C. Hughey/ Valdez Native Tribe, C. O'Clair/ NOAA | NOAA |

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

-

Jan-March

DONE-NOAA consult with Valdez Native Tribe shrimpers and ADFG

April-June

DONE-Arrange logistics for sampling cruise in spring/summer 1999

FIRST CRUISE WILL BE IN AUGUST-Conduct preliminary, exploratory cruise to assess new sampling sites

July-Sept

-Arrange logistics for sampling cruise in Oct. 1999

| | | | |
|-------|--|---|------|
| 99405 | Port Graham Salmon Hatchery Reconstruction | E. McMullen/Port Graham Village Council | ADFG |
|-------|--|---|------|

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

-Select engineering and design firm

-Design approved

-Permits applied for

-Hatchery construction put out for bid

Jan-March

-Bid awarded

April-June

-Site preparation

-Hatchery construction (June-Nov.)

July-Sept

-Construction

Oct-Dec

-Contractor demobilization

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|-----------------|--|--|--------------------|
| 99423 | Pattern and Processes of Population Change in Sea Otters | J. Bodkin/USGS-BRD, T. Dean/Coastal Resource Associate | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

-

Jan-March

UNDERWAY-Plan surveys and community involvement

UNDERWAY-Select transects for aerial surveys

UNDERWAY-Select sites for urchin collections

April-June

-Conduct aerial sea otter surveys and prey surveys (June-Aug)

July-Sept

-Data analysis and report preparation

-Coordinate with local communities

| | | | |
|-------|---------------------|------------------------------|-----|
| 99424 | Restoration Reserve | All Trustee Council Agencies | ALL |
|-------|---------------------|------------------------------|-----|

Project Tasks to be Completed this Quarter

additional \$12 million was approved by the Trustee Council August 13, 1998 for deposit to the Restoration Reserve during FY 99.

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|-----------------|---------------------------------------|-------------------------|--------------------|
| 99434 | East Amatuli Island Remote Video Link | M. O'Meara/Pratt Museum | DOI |

Project Tasks to be Completed this Quarter

NO UPDATE RECEIVED

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

-

Jan-March

- Customize and specialize system for Barren Islands use
- Modify Pratt Museum exhibits to accommodate receiver station

April-June

- Assemble transmitter and receiver station at Pratt
- Install relay station; establish two-way link
- Install video system at East Amatuli site
- Travel to East Amatuli; inspect and perform necessary maintenance on remote camera system

July-Sept

- Education programs at Pratt
- Remove system from East Amatuli (9/15/99)

NOTE: Final report will be submitted 4/15/00

Conferences

Association of Science-Technology Centers or National Marine Educators Association

| | | | |
|-------|--|--------------------------|------|
| 99441 | Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health | R. Davis/Texas A&M Univ. | ADFG |
|-------|--|--------------------------|------|

Project Tasks to be Completed this Quarter

Oct-Dec

- DONE-Set up fatty acid analysis and muscle lipid and enzyme analysis
- DONE-Trial 1 of staggered feeding protocol at ASLC (Sept-Dec)
- SAMPLES TAKEN; ANALYSIS UNDERWAY-Obtain and analyze blubber and muscle biopsies

Jan-March

- Trial 2 of staggered feeding protocol (Jan-April)
- Obtain and analyze blubber and muscle samples

April-June

- Trial 3 of staggered feeding protocol (May-Aug)
- Obtain and analyze blubber and muscle samples
- Obtain blubber and muscle samples from wild harbor seals in PWS in conjunction with biosampling program

July-Sept

-

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|-----------------|--|--|--------------------|
| 99459 | Residual Oiling of Armored Beaches and Mussel Beds in the Gulf of Alaska | G. Irvine/USGS-BRD, D. Mann/UAF, J. Short/NOAA | DOI |

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

-

Jan-March

UNDERWAY-Arrange logistics

April-June

-Field work (May-Aug.)

July-Sept

-Analyze field data

| | | | |
|-------|--|------------------------------------|------|
| 99462 | Effect of Disease on Pacific Herring Population Recovery in Prince William Sound | G. Marty/Univ. of California Davis | ADFG |
|-------|--|------------------------------------|------|

Project Tasks to be Completed this Quarter

t-Dec

ONE-Collect fall samples

DONE-Scale analysis of fall samples complete

Jan-March

DONE-Virology and bacteriology of fall samples complete

April-June

-Collect spring samples

July-Sept

-Statistical analysis of fall samples complete

-Scale analysis of spring samples complete

-Virology and bacteriology of spring samples complete

| | | | |
|-------|--|-------------------|-----|
| 99466 | Recovery Status of Barrow's Goldeneyes | D. Esler/USGS-BRD | DOI |
|-------|--|-------------------|-----|

Project Tasks to be Completed this Quarter

NOTE: PROJECT NOT APPROVED UNTIL DECEMBER 1998

Oct-Dec

-

Jan-March

UNDERWAY-Compilation and data analysis

April-June

-

July-Sept

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|-----------------|--|----------------------------|--------------------|
| 99468-BAA | FEATS: Fundamental Estimations of Acoustic Target Strength | J. Kirsch, G. Thomas/PWSSC | NOAA |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Field experiments (non-spawning herring)
DONE-Preliminary results/equation available

Jan-March

DONE-In-situ data aligned
DONE-Field experiments (pre-spawning herring)

April-June

-

July-Sept

-Field experiments (sand lance)
-Results available, final report written - Sept. 30

Conferences -- Will present results:

UAF seminar (Aug. 1999)
Professional meeting (Sept. 1999)

| | | | |
|-------|--|--------------------|-----|
| 99470 | 10 Year Symposium and Related Events and Materials | Restoration Office | ALL |
|-------|--|--------------------|-----|

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Develop schedule of venues for traveling exhibit
DONE-Contract with graphic artist for status report layout and artwork
DONE-Publish advertisements and announcements for symposium
DONE-Second mailing of Program and Registration Information brochure
DONE-Send symposium abstract book to be printed

Jan-March

DONE-Finalize text, photos, and layout for status report
DONE-Status report to printer
DONE-Print symposium program
DONE-Install exhibit at Egan Center (from ASLC)
DONE-Hold symposium
DONE-Distribute symposium program, abstract book, and other materials

April-June

-Follow-up as required

July-Sept

-

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|-----------------|---|-----------------|--------------------|
| 99471 | Updating the Status of Services Reduced or Lost Due Restoration Office to the Oil Spill | | ADFG |

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Conduct subsistence fieldwork (ADFG)
DONE-Complete coding and entry of subsistence data (ADFG)
DONE-Contract with fisheries economist RE commercial fishing (RO)
DONE-Commercial fishing contractor submit report (RO)
DONE-Conduct telephone interviews with recreation/tourism key informants (RO)

Jan-March

DONE-Subsistence data review workshop (ADFG)
DONE-Complete final subsistence report -- Feb. 28 (ADFG)
DONE-Complete evaluation of status of subsistence, commercial fishing, recreation (RO)

April-June

DONE-Any necessary follow-up (ADFG, RO)

July-Sept

-

| | | |
|----|---|------|
| 76 | Effects of Oiled Incubation Substrate on Pink Salmon R. Heintz/NOAA Reproduction | NOAA |
|----|---|------|

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Set up exposure apparatus and take eggs
DONE-Evaluate effects of oil incubation on survival to eyed embryo stage
DONE-Collect samples for quantifying exposure levels

Jan-March

-

April-June

UNDERWAY-Mark and release surviving fry from the control and exposed groups

July-Sept

-

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|-----------------|---|--|--------------------|
| 99479 | Effects of Food Stress on Survival and Reproductive Performance of Seabirds | J. Piatt/USGS-BRD, A. Kitaysky/Univ. of Washington | DOI |

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Analysis of FY 98 samples collected in pilot work
UNDERWAY-Plan for FY 99 fieldwork

Jan-March

UNDERWAY-Prepare for field work, hire personnel

April-June

-Blood sampling during pre-incubation stage
-Set study plots for experimental work

July-Sept

-Blood sampling during chick-rearing stage, colony work
-Implant birds with hormonal implants
-Monitor parental feeding rates and chick survival
-Begin chick rearing in captivity at Kasitsna Bay lab

| | | | |
|-------|--|-------------|------|
| 99514 | Lower Cook Inlet Waste Management Plan | M. See/ADEC | ADEC |
|-------|--|-------------|------|

Project Tasks to be Completed this Quarter

PROJECT DELAYED -- MARCH QTR. REPT. SAYS ADEC WILL SUBMIT PLAN AND COST ESTIMATES TO RESTORATION OFFICE BY 7/1/99.

Oct-Dec

DONE-Select contractor (environmental engineer) to conduct assessment
-Conduct site visits
-Conduct community meetings
-Conduct environmental assessments

Jan-March

-Complete waste management plan
-Submit final report to Chief Scientist (Feb. 28)

April-June

-

July-Sept

-

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



June 3, 1999

Anne Walker, Executive Director
Chugachmiut
4201 Tudor Centre Drive Suite 210
Anchorage, Alaska 99508

Larry Evanoff, Chair
Chugachmiut
4201 Tudor Centre Drive Suite 210
Anchorage, Alaska 99508

Sheri Buretta, Chair
Chugach Alaska Corporation
4201 Tudor Centre Drive Suite 210

Dear Ms. Walker, Ms. Buretta and Mr. Evanoff:

Thank you for your May 25 letter regarding the Chugach Regional Archaeological Restoration Project. I have shared it with all the members of the Trustee Council. I am disappointed to hear that you do not believe this project is feasible as currently outlined. I had thought that our grant negotiations had been going quite well, and was excited at the opportunities provided by the project.

It is very difficult to respond to your letter without some specifics in terms of what you view as the "high level of constraints, requirements and liability." We have always been willing to sit down with you and discuss any concerns that you might have regarding the project. However, it is impossible without knowing what issues you have specifically identified. I should note, however, that the Trustee Council made its decision to award the archaeological restoration grant to Chugachmiut and Chugach Alaska Corporation following a competitive process. In the interests of fairness to other competitors or potential competitors, any significant changes to the grant could result in the Trustee Council either negotiating with the other proposer or possibly starting the process over.

I would appreciate hearing from you on this as soon as possible. Especially useful would be specific changes you desire in the draft grant agreement provided to you on May 14. I thought that version of the draft grant agreement addressed your prior concerns and incorporated changes you had suggested.

Federal Trustees

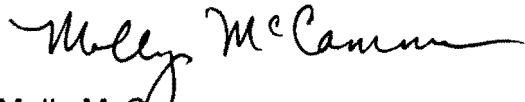
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

We were hoping to get this project underway in June. Obviously, any further delays in finalizing the grant agreement will result in delays for the entire project.

Sincerely,

A handwritten signature in black ink, reading "Molly McCommon". The signature is fluid and cursive, with the first name "Molly" and last name "McCommon" clearly distinguishable.

Molly McCommon
Executive Director

cc: Trustee Council Members

mm/raw



Molly McCammon, Executive Director
Exxon Valdez Oil Spill Trustee Council
645 G Street, Suite 401
Anchorage, Alaska 99501 – 3451

May 25, 1999

Dear Ms. McCammon,

The Chugachmiut Board of Directors and Chugach Alaska Corporation Board of Directors recently met to discuss the status of the *Chugach Regional Archaeological Restoration Project*. During both the Chugachmiut and CAC meetings, consideration was given to the overall project. A clear distinction was made between the cultural importance and viability of such a project, and the constraints and liabilities of the project from a financial perspective.

Chugachmiut and Chugach Alaska Corporation maintain their position that Native artifacts impacted by the *Exxon Valdez* oil spill are to be returned to the Natives of the Chugach region. Chugach Alaska Corporation continues to assert its claim to artifacts associated with its ANCSA 14(h)1 selections. Chugach Alaska Corporation and the Tribes of the Chugach Region continue to assert their claim to other Native artifacts from the region which were impacted by the Exxon Valdez oil spill. Our goal is to preserve and protect artifacts as part of the Native heritage of the region. Our position has not changed.

However, the scope of the EVOS restoration effort has changed substantially during the Request for Proposals process, during changes to the Chugachmiut/CAC/QNT proposal in September and December, through the EVOS Trustee's resolution in January 1999, and during the development of the contract award. The Boards feel that the EVOS Trustee Council Office has placed a continually increasing level of constraints and requirements on the project to the point where it is not acceptable. The level of constraints and requirements in the project is excessive. The liability that EVOS has placed on the Native organizations is open-ended.

While we had hoped that the EVOS Trustees were attempting to make this important restoration project a success, during our review of the high level of constraints, requirements and liability imposed by EVOS, we no longer believe that this project is feasible as currently outlined. It is hoped that the EVOS Trustee Council Office will reconsider the high level of constraints, requirements and liability so that the project may proceed.

Sincerely,

Anne M. Walker
Executive Director
Chugachmiut

Larry Evanoff
Chair
Chugachmiut

Sheri Buretta
Chair
Chugach Alaska Corporation

cc: EVOS Trustees, President Clinton, Congressional Delegation, Department of Interior, State of Alaska



Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax: 907/276-7178



* Anne M. Walker
Chugachmiut

* Larry Evaroff
Chugachmiut

FAX COVER SHEET

To: Sheri Buretta Chugach Ak Corp. Number: 563-2891

From: Molly McCammon Date: June 3, 1998

Comments: Total Pages: 3

Please copy and forward.

Thank you

HARD COPY TO FOLLOW yes

Document Sent By: Rebecca

3/27/96

*** ACTIVITY REPORT ***

TRANSMISSION OK

| | |
|----------------|-------------|
| TX/RX NO. | 7101 |
| CONNECTION TEL | 5632891 |
| CONNECTION ID | |
| START TIME | 06/03 14:40 |
| USAGE TIME | 03'29 |
| PAGES | 3 |
| RESULT | OK |

Anne Walker
Executive Director
Chugachmiut

Larry Evanoff
Chair
Chugachmiut

Sheri Buretta
Chair
Chugach Alaska Corporation

R - I can't find this in my computer now.

M.
Looks good overall, doing their best to write exactly what they want. I really thought I will make some calls and get some info.
DRAFT
It's

Dear Ms. Walker and Buretta and Mr. Evanoff:

Thank you for your May 25 letter regarding the Chugach Regional Archaeological Restoration Project. I am disappointed to hear that you do not believe this project is feasible as currently outlined. I had thought that our grant negotiations had been going quite well, and was excited at the opportunities provided by the project.

It is very difficult to respond to your letter without some specifics in terms of what you view as the "high level of constraints, requirements and liability." We have always been willing to sit down with you and discuss any concerns that you might have regarding the project. However, it is impossible without knowing what issues you have specifically identified. I should note, however, that the Trustee Council made its decision to award the archaeological restoration grant to Chugachmiut and Chugach Alaska Corporation following a competitive process. Under state law, any significant changes to the grant might result in the Trustee Council being required to open up the process once again or to have further discussions with the other proposer.

I would appreciate hearing from you on this as soon as possible. We ~~were~~ ^{are} hoping to get this project underway in June. ~~Again,~~

Sincerely,

Molly McCammon
Executive Director

Obviously, any further delays in finalizing the grant agreement would be a real problem for the entire project.

It's OK as far as I'm concerned. Here is an idea.
V

on
Especially urges you to get specific on the draft grant agreement. I thought that version of the draft grant agreement was a good one. I had a copy of it and had suggested changes you suggested.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



FAX COVER SHEET

To: Trustee Council Number: _____

From: Molly McCann Date: 6/1/99

Comments: _____ Total Pages: 4 with cover.

I received this letter Friday
regarding the archaeological restoration
project. I am planning to send the
attached draft response. Please call
me if you have questions, concerns, comments,
etc., or would like to discuss.
Otherwise, I'll plan on sending out
on Thursday.

HARD COPY TO FOLLOW _____

Document Sent By: Rebecca

3-16-99

Federal Trustees

U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

*** MULTI TRANSACTION REPORT ***

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7077

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JUNEAU OFFICE

[17] 2713992

GIBBONS/HOLBROOK

[28] 19075867249

S. PENNOYER

[29] 19074652332

FRANK RUE

[30] 19074655177

DAN EASTON

[31] 19074655070

BROWN

[36] 2787022

ALEX-CRAIG

[45] 12022083877

B. ROTH

[67] 2714102

M HEIMAN

ERROR

JUN-02-99 WED 03:21 PM

COMMR'S OFFICE ADF&G

FAX NO. 1+907+465+2332

P.01

ALASKA DEPARTMENT OF FISH AND GAME



OFFICE OF THE COMMISSIONER

JUNEAU, ALASKA 99802

FACSIMILE TRANSMISSION

TO:

Molly McLaughlin

DATE:

6/2/99

FROM:

Carla Seibel

NUMBER OF PAGES FOLLOWING THIS PAGE

4

MEMO:

FAX: (907) 465-2332

PHONE: (907) 465-4100

Exxon Valdez Oil Spill Trustee Council

845 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



FAX COVER SHEET

To: Trustee Council Number: _____From: Molly McCann Date: 6/1/99Comments: _____ Total Pages: 4 with cover.

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HARD COPY TO FOLLOW _____

Document Sent By: Rebecca

Looks Good
FM

2-16-99

Federal Trustees
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees
Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law



Chugachmiut

Molly McCammon, Executive Director
Exxon Valdez Oil Spill Trustee Council
645 G Street, Suite 401
Anchorage, Alaska 99501 - 3451

May 25, 1999

Dear Ms. McCammon,

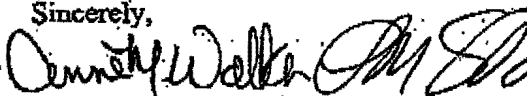


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While we had hoped that the EVOS Trustees were attempting to make this important restoration project a success, during our review of the high level of constraints, requirements and liability imposed by EVOS, we no longer believe that this project is feasible as currently outlined. It is hoped that the EVOS Trustee Council Office will reconsider the high level of constraints, requirements and liability so that the project may proceed.

Sincerely,

  
Anne M. Walker Larry Evanoff Sheri Buretta
Executive Director Chair Chair
Chugachmiut Chugachmiut Chugach Alaska Corporation

cc: EVOS Trustees, President Clinton, Congressional Delegation, Department of Interior, State of Alaska

June 1, 1999

Anne Walker, Executive Director
Chugachmiut
4201 Tudor Centre Drive Suite 210
Anchorage, Alaska 99508

Larry Evanoff, Chair
Chugachmiut
4201 Tudor Centre Drive Suite 210
Anchorage, Alaska 99508

Sheri Buretta, Chair
Chugach Alaska Corporation
4201 Tudor Centre Drive Suite 210

DRAFT

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I would appreciate hearing from you on this as soon as possible. Especially useful would be specific changes you desire in the draft grant agreement provided to you on May 14. I thought that version of the draft grant agreement addressed your prior concerns and incorporated changes you had suggested.

We were hoping to get this project underway in June. Obviously, any further delays in finalizing the grant agreement will result in delays for the entire project.

Sincerely,

DRAFT

Molly McCammon
Executive Director

Molly McCammon

From: carol fries [carolf@dnr.state.ak.us]
Sent: Tuesday, June 01, 1999 4:27 PM
Subject: molly_mccammon@oilspill.state.ak.us
Chugach Letter

Molly,
Chris went over your letter and the only suggestion he had focused on the last sentence of the long paragraph. What about the following?

* [In the interests of fairness to other competitors or potential competitors any significant changes to the grant could result in the Trustee Council either negotiating with the other proposer or possibly starting the process over.

add
where
notes

Hope this helps.
Carol

Carol Fries
Office of Commissioner, EVOS
Alaska Department of Natural Resources
3601 C Street, Suite 1210
Anchorage, AK 99503
907-269-8431

go ahead and
do a new draft.
will wait until
later today -
but it looks
like this
will go.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



Restoration Office Tentative Meeting Schedule

June 1999

- 2 Restoration Work Force meeting on Draft Work Plan

July 1999

- 15 Public Advisory Group meeting on FY2000 Work Plan, 1 p.m. - 5 p.m.
15 Public Meeting on FY2000 Work Plan, 7 p.m. - 8:30 p.m.
16 Public Advisory Group meeting continued, 8:30 a.m. - noon
*22 Restoration Work Force meeting on FY2000 Work Plan
TBA Working Group on Contaminants and GEM

August 1999

- 10 Trustee Council meeting on FY2000 Final Work Plan, Anchorage

September 1999

- *30 Presentation to Trustee Council on Draft GEM Plan
*TBA Public Advisory Group Field Trip

October 1999

November 1999

- *TBA Herring Workshop

December 1999

- *13 Trustee Council Meeting on Deferred Projects for FY2000 Work Plan

* tentative meeting dates

For more information on any of the above meetings, please contact the Anchorage Restoration Office.

Update: 5/26/99 rwf

Federal Trustees

U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

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Alaska Department of Law

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



FAX COVER SHEET

To: **Restoration Work Force**

Date: 5-26-99

From: Molly McCannion Total Pages: 2 w/cover

Comments: _____

Restoration Office Tentative Meeting
Schedule

FAX COMPLETE

RESTORATION WORK FORCE MEMBERS INCLUDE:

Bruce Wright
Carol Fries
Rita Miraglia
Ken Holbrook
Claudia Slater

Bill Hauser
Karen Murphy
Catherine Berg
Dede Bohn

Bud Rice
Marianne See
Bob Spies

HARD COPY TO FOLLOW NO

FAX SENT BY: Paula

2-2-99pdb

05/26/99

09:17

907 276 7178

EV Restoration

001

 *** MULTI TRANSACTION REPORT ***

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INCOMPLETE TX/RX

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G. BELT

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JUNEAU OFFICE

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BRUCE WRIGHT

[15] 2698918

CAROL FRIES

[16] 2672450

RITA MIRAGLIA

[17] 2713992

GIBBONS/HOLBROOK

[18] 2672464

C. SLATER

[20] 7863350

C. BERG

[21] 2572517

B. RICE

[22] 7863636

D. BOHN

[26] 2697508

MARIANNE SEE

[35] 19253737834

B. SPIES

ERROR

ROUTING & REQUEST

Please...

- ☐ Read
☒ Handle
☐ Approve

And...

- ☐ Forward
☒ Return orig to me
☐ Keep or Toss
☐ Review with Me

To: Paula
Pis fax to RWFC
make copies for
in-house folks.
Thx
 From: Rebecca
 Date: 5/26/99