### 13.08.01 – Reading File

August 2002

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 28, 2002

Consulate General of the P.R.C., 1450 Laguna Street San Francisco, CA 94115

Re: Application for single entry tourist visa

Dear Consul:

Enclosed please find the following items:

- 1. My U.S. passport numbered 30117973
- 2. Completed Visa Application Form with photograph attached
- 3. Money order for \$35.00 payable to Consul General P.R.C.
- 4. Return pre-paid self addressed FEDEX envelope

Thank you for your help in this matter.

Sincerely,

m m

Phillip R. Mundy, Ph.D., Science Director Gulf of Alaska Ecosystem Monitoring and Research Program Exxon Valdez Oil Spill Trustee Council 441 West 5th Avenue Suite 500 Anchorage, AK 99501-2340 907-278-8012 (phone) 907-276-7178 (fax) phil\_mundy@oilspill.state.ak.us

Enclosures

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

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•	、 签证申请表 VISA APPLICATION FC								
	1. 中文姓名     2. 曾用名       Chinese Name (If any)     Former Name (If any)								
	3. 外文姓名 Surname MUNDY Given name PHILLIP 4. 性别:男 文 丁 Sex: M 図 F □								
	5. 出生日期: 年 月 日 Date of birth: 1947 Year 11 Month 24 Day Place of birth ALABAMA USA								
	7. 国籍 Nationality     USA     8. 曾有过何国籍 Former nationality (If any)								
	9. 职业 Occupation BIOLOGIST 10. 工作单位电话 Office Tel. No.(907) 278-8012								
	11. 工作単位名称和地址 Full Name and Address of your company/employer EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL 441 W. 5th AVE SUITE 500 ANCHORAGE, AK 99501-2340 USA								
	12 家庭住址 <b>1128 W. 11 th AVE</b> 13 由话								
	Home Address         ANCHORAGE, AK 99501 USA         Home Tel. No.(907) 277-1240           14. 护照种类:         普通         外交         公务(官员)         其它								
	Passport type: Ordinary Diplomat Service (Official) Others 号码 有效日期 发照机关								
•	NO. 301117973 Valid until 01 OCT 2011 Issued by UNITED STATES OF A MERICA 15. 申请赴中国事由 Purpose of journey in China ATTEND PICES MEETING								
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引ease wi	17. 邀请单位名称或邀请人姓名、地址、电话 Name(s), address and phone No. of inviting organization/person in China								
er II.	(If applicable)								
block letters	18. 拟入境次数     Number of entries <ul> <li>□ 二次 Double</li> <li>□ 多次 Multiple</li> </ul> 19. 拟入境日期 <ul> <li>Date of (each) entry to China</li> <li>(1) <u>0只Y /0 M 18 D</u></li> <li>(2) ① ますび M 25 0<sup>Pepp</sup></li> </ul>								
	20. 拟在中国停留期限       17_day(s);       2day(s)         Duration of (each) stay in China       17_day(s);       2day(s)								
	21. 拟取证时间Requested days of processing       Five working days       72 hours rush         48 hours express       24 hours special express       72 hours rush								
	22. 是否申请过赴华签证     是     否       Have you ever applied for a Chinese visa before?     Yes     ろ								
	23. 是否被拒绝过来华签证 是 否 Have you ever been declined for your Chinese visa application? Yes No № 被拒时间、地点 If declined, when and where								
	24. 使用同一护照的偕行人       Accompanying persons using the same passport         姓名 Full name       出生日期 Date of birth         ————————————————————————————————————								
	25. 我 谨声明 我已如实和完整地填写了上述内容,并对此负责。         I hereby declare that the information given above is true, correct and complete. I shall bear the responsibility for the above information.         年       月         日       签名								
I	Year 2002 Month & Day 29 Signature / 1123								

Please read "Notes" carefully on the back 青人真阅卖背面内真表项印

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178 **MEMORANDUM** 

TO: Kevin Buckland, Finance Officer Department of Fish & Game

FROM: Molly McCampon Executive Director

1.

**DATE:** August 29, 2002

### **RE:** Fiscal Year 2003 Disbursement/Transfer from the Investment Fund

The purpose of this memorandum is to request you to transfer funds from the EVOS Investment Fund to both the State of Alaska (GeFONSI Fund) and the United States (NRDAR Fund) for restoration projects and land payments for fiscal year 2003. The total combined amount going to the State of Alaska and the United States is \$21,732,734.

Craig Tillery, Department of Law, filed the court notice on Friday, August 23, 2002. Attached is a letter from Craig to Lee Livermore informing him of the Council's unanimous decision to expend monies from the EVOS Investment Fund.

The State of Alaska money (\$14,472,734), as you know, should be deposited into the GeFONSI fund 33070, Account 65040 on Wednesday, September 4<sup>th</sup>.

The United States money (\$7,260,000) will be electronically transferred on Tuesday, September 3rd. Please use the following information for the wire transfer to the NRDAR fund:

#### **Beneficiary:**

Account: 14X5198 Name: Natural Resource Damage Assessment and Restoration Fund (NRDAR)

#### Beneficiary:

Account: 14010001 Name: Department of the Interior Financial Management Services National Business Center

#### **Beneficiary Bank:**

Account:	021030004					
Name:	Treasury, NYC					



### <u>OBI Text</u>: Natural Resource Damage Assessment Restoration Fund 14X5198 EVOS Exxon Valdez, Civil Settlement, FY03 Joint Funds

Beneficiary Reference: A91-082Civil

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If you have any questions, please call me at 278-8012.

Cc: Craig Tillery, ADOL John Jenks, ADOR Michelle Prebula, ADOR Divina Pelayo, ADFG Bob Baldauf, DOI

# STATE OF ALASKA

### **DEPARTMENT OF LAW**

OFFICE OF THE ATTORNEY GENERAL

August 23, 2002

TONY KNOWLES, GOVERNOR

1031 WEST 4<sup>TH</sup> AVENUE, SUITE 200 ANCHORAGE, ALASKA 99501-1994 PHONE: (907)269-5100 FAX: (907)276-3697

RECE

AUG 2 6 2002

**EXXON VALDEZ OIL SPILL** 

TRUSTEE COUNCIL

Lee Livermore Chief Investment Officer Treasury Division, Dept. of Revenue P.O. Box 110405 Juneau, AK 99811-0405

Re: Exxon Valdez Oil Spill Investment Fund

Dear Mr. Livermore:

The Exxon Valdez Trustee Council has unanimously determined to expend \$21,732,734 in joint trust funds for restoration purposes consistent with the terms of the Memorandum of Agreement and Consent Decree entered by the federal district court in United States v. State of Alaska, No. A91-081 CIV (D. Alaska) on August 28, 1991. These joint trust funds are currently held by the State of Alaska in the Exxon Valdez Oil Spill Investment Fund and invested by the Treasury Division, Alaska Department of Revenue. Under the terms of the Reimbursable Services Agreement between the Alaska Department of Fish and Game and the Alaska Department of Revenue, please transfer the following amounts from cash held in the Exxon Valdez Oil Spill Investment Fund to the accounts described below:

#### State of Alaska

Amount: \$ Account: S E

\$14,472,734 State of Alaska Exxon Valdez Settlement Account GeFONSI 33070 Account 65040

#### Lee Livermore Exxon Valdez Oil Spill Investment Fund

	Amount:	\$7,260,000
-	Beneficiary Account: name:	14X5198 Natural Resource Damage Assessment and Restoration Fund (NRDAR)
	Beneficiary Account: name:	14010001 Department of the Interior Financial Management Services National Business Center

#### Beneficiary Bank

Account: 021030004 name: Treasury, NYC

#### <u>OBI Text</u>

**United States** 

Natural Resource Damage Assessment Restoration Fund 14X5198 EVOS Exxon Valdez, Civil Settlement, FY03 Joint Funds

Beneficiary Reference A91-082Civil

The transfer should take place on Tuesday, September 3, 2002 or as soon thereafter as possible. If you have any questions, please call Craig Tillery at (907) 269-5274.

Sincerely,

(raig y

Craig J. Tillery Assistant Attorney General State of Alaska

Environmental Enforcement Section Environment & Natural Resources Division U.S. Department of Justice United States of America

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 29, 2002

Craig Tillery, Assistant Attorney General Alaska Department of Law 1031 West 4<sup>th</sup> Avenue, Suite 200 Anchorage, Alaska 99501

Dear Craig:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

You can find a copy of both the final NRC report and the GEM Program Document on the Trustee Council's web site, at <u>http://www.oilspill.state.ak.us/gem/documents.html</u>.

If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Milla

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 29, 2002

Michele Brown, Commissioner Alaska Department of Environmental Conservation 555 Cordova Street Anchorage, Alaska 99501

Dear Michele:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

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If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Meller

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 29, 2002

Frank Rue, Commissioner Alaska Department of Fish and Game P.O. Box 25526 Juneau, Alaska 99802-5526

Dear Frank:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

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If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Ulles

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 29, 2002

Drue Pearce, Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior 1849 C Street, N.W. (MS6214MIB) Washington, DC 20240

Dear Drue:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

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If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 29, 2002

James Balsiger, Director U.S. Department of Commerce National Marine Fisheries Service P.O. Box 21668 Juneau, Alaska 99802-1668

Dear Jim:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

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If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Mle

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 29, 2002

Dave Gibbons, Supervisor Chugach National Forest U.S. Forest Service 3301 C Street, Suite 300 Anchorage, Alaska 99503

Dear Dave:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

You can find a copy of both the final NRC report and the GEM Program Document on the Trustee Council's web site, at <u>http://www.oilspill.state.ak.us/gem/documents.html</u>.

If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 23, 2002

Chris Rutz Procurement Officer Alaska Dept. of Natural Resources 550 W. 7th Avenue, Suite 1230 Anchorage, AK 99501-3564

Dear Chris:

The purpose of this letter is to clarify the Trustee Council's intent in approving Project 030600. As provided in the Detailed Project Description approved by the Council, it is the Council's intent that this project be implemented through a contract with the following proposer:

Project No. Project Title

030600 Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001 **Proposer** 

Dr. Robert Spies, Applied Marine Sciences

Thank you for your attention to this matter.

Sincerely,

Sandra Schubert

Molly McCammon Executive Director

cc: Carol Fries, ADNR Liaison



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

#### FAX MEMORANDUM (5 pp.)

TO: Agency Project Managers Dede Bohn, DOI-USGS Tony DeGange, DOI-USFWS Carol Fries, ADNR

Pete Hagen, NOAA Ken Holbrook, USFS Celia Rozen, ADF&G

- FROM: Sandra Schubertander Program Coordinator
- RE: Assignment of Reports for Peer Review
- DATE: August 16, 2002

The purpose of this memo is to provide additional guidance regarding submittal of project reports per the revised report procedures adopted by the Trustee Council on July 9, 2002. I would appreciate you informing your PIs of these changes in procedure. Please give me a call if you have any questions. Thank you.

#### **Final Reports**

Under the revised report procedures, effective July 9, 2002 GEM project final reports are to be submitted to the Science Director (Phil Mundy) for peer review. The attached list entitled "Reports to Be Reviewed Under Guidance of Phil Mundy" lists those final reports from work-plan years FY 92-02 that we consider to be "GEM reports" and that should be submitted directly to Phil. All FY 92-02 final reports <u>not</u> on this list should be submitted directly to Bob Spies (with a copy to Phil), as before.

#### Annual Reports

Under the revised report procedures, effective July 9, 2002 <u>all</u> annual reports (both GEM and Restoration) are to be submitted electronically, using the two-page form available on the Trustee Council's web page (<u>http://www.oilspill.state.ak.us/admin/index.html</u>), to <u>katharine\_miller@oilspill.state.ak.us</u>. As specified in the procedures, annual reports will be reviewed by the Science Director (Mundy) and may also be reviewed by outside reviewers. The attached list specifies which annual reports (from work-plan years FY 92-02) will be reviewed by Phil or, at Phil's direction, by an outside reviewer. All annual reports <u>not</u> on this list will be forwarded by our office to Bob Spies for review.

Just a reminder that annual reports are due by September 1 of each year – annual reports on FY 02 projects are due by September 1, 2002.

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

### REPORTS TO BE REVIEWED UNDER GUIDANCE OF PHIL MUNDY FY 00 Work Plan

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<u>Proj.No.</u>	Project Title	Proposer	<u>Lead</u> Agency	<u>Report Status</u>
00493	Statistically-Based Sampling Strategies for Gulf of Alaska Ecosystem Trawl Survey Monitoring	P. Anderson/NOAA	NOAA	Final report peer reviewed and returned to PI for revision July 12, 2001.
00501	Protocols for Long-Term Monitoring of Seabird Ecology in the Gulf of Alaska	J. Piatt/USGS-BRD, G. Byrd, D. Roseneau/USFWS	DOI	OVERDUE. Monitoring protocol was due September 30, 2000; due date was extended to October 31, 2000; then expected May 30, 2001; now expected March 31, 2002.

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# REPORTS TO BE REVIEWED U PER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	Project Title	Lead Agency & Proposer	- Report Status
02052	Natural Resource Management and Stewardship Capacity Building	ADFG P. Brown- Schwalenberg/CRRC	Annual report due September 1, 2002.
02210	Prince William Sound/Lower Cook Inlet Youth Area Watch	ADFG R. DeLorenzo/Chugach School District	Annual report due September 1, 2002.
02340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	ADFG T. Weingartner/ UAF	Annual report due September 1, 2002.
02404	Testing Archival Tag Technology in Coho Salmon	DOI J. Nielsen/USGS-BRD	Annual report due September 1, 2002. [NOTE: Final report will be due in FY 04; all FY 03 & FY 04 costs will be covered by USGS.]
02552-BAA	Exchange Between Prince William Sound and the Gulf of Alaska	NOAA S. Vaughan/PWSSC	Final report due April 15, 2003.
02556	Mapping Marine Habitats: Kachemak Bay	ADFG C. Schoch/Kachemak Bay NERR	Final report due April 1, 2003.
02561	Evaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM	DOI D. Roseneau/USFWS	Final report due April 15, 2003.
02584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	ADFG E. Brown/UAF, J. Churnside/NOAA	Final report due May 31, 2003.
02603	Implementation of an Ocean Circulation Model: A Transition from SEA to GEM	ADFG J. Wang/UAF	Simulation will be posted on web September 15, 2002; final report due December 15, 2002.
02608	Permanent Archiving of Specimens Collected in Nearshore Habitats	ADFG N. Foster/UAF	Final report due September 30, 2002.
02610	Kodiak Archipelago Youth Area Watch	ADFG T. Schneider/Kodiak Island Borough School District	Annual report due September 1, 2002.
	······································	www.concernet.com/concernet.com/concernet.com/concernet.com/concernet.com/concernet.com/concernet.com/concernet	

# REPORTS TO BE REVIEWED U PER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

Proj.No.	Project Title	Lead Agency & Proposer	Report Status
02612	Detecting and Understanding Marine-Terrestrial Linkages in the Kenai River Watershed	ADFG W. Hauser/ADFG	OVERDUE; now expected July 19, 2002. Final report (plan) due April 15, 2002.
02613	Mapping Marine Habitats: Prince William Sound to McCarty Fjord	ADFG J. Harper/Coastal & Ocean Resources, Inc.	Final report and data products due December 31, 2002.
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	ADFG S. Okkonen/UAF	Final report due September 30, 2003.
02619	Mapping Marine Habitats: Kodiak	ADFG R. Foy/UAF, J. Harper/Coastal & Ocean Resources, Inc.	Final report and data products due October 1, 2002.
02622	Digital Maps from Existing Seasonal Environmental Sensitive Area Maps: Cook Inlet/ Kenai Peninsula	NOAA J. Whitney/NOAA	Digital maps will be provided on CD and Web July 31, 2002.
02624-BAA	A CPR-Based Plankton Survey Using Ships of Opportunity to Monitor the Gulf of Alaska	NOAA S. Batten/SAHFOS, D. Welch/DFOC	Final report due April 15, 2003.
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	ADFG B. Finney/UAF, D. Mann	Annual report due September 1, 2002.
02656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	DOI G. Irvine/USGS, J. Schaaf/NPS	Annual report due September 1, 2002.
02667	Effectiveness of Citizens' Environmental Monitoring Program	ADEC S. Mauger/Cook Inlet Keeper	Final report due April 15, 2003.
02668	Developing an Interactive Water Quality and Habitat Database and Making it Accessible on the Web	ADEC J. Cooper/Cook Inlet Keeper	Final report due April 15, 2003.

### REPORTS TO BE REVIEWED L.\_\_)ER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

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<u>Proj.No.</u>	Project Title	Lead Agency <u>&amp; Proposer</u>	Report Status
02671	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	ADFG D. Stram, C. Schoch/Kachemak Bay NERR	Final report due September 30, 2002.

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441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



#### MEMORANDUM

- TO: Trustee Council
- THROUGH: Molly McCammon Executive Director
- FROM: Debbie Hennigh Special Assistant
- **DATE:** August 26, 2002

### **RE:** Quarterly Report for the Period Ending June 30, 2002

The attached reports consolidate the financial information submitted by the agencies for the quarter ending June 30, 2002.

The first report (Table 1) is a summary of activity by restoration category. This report reflects the total adjusted authorization and the total expended/obligated by Work Plan year and restoration category.

The second report (Table 2) displays the financial information by Fiscal Year. This report is used to determine what portion of the unexpended/unobligated balance or lapse is available to off set future court requests. Included are adjustments to reflect unreported interest and other revenue. It is estimated that \$1,179,059 is available to off set future court requests. This estimate includes lapse associated with Fiscal Years 1992 through 2001 and unobligated funds associated with other authorizations for which the purpose has been accomplished. However, \$1,055,700 in interest and lapse money from the Natural Resource Damage Assessment Fund is being used to support FY 03 Phase I work plan projects.

The third report (Table 3) is a summary of financial information associated with the 2002 Work Plan.

If you have any questions regarding the information provided, please call .

### Attachments

Cc: Agency Liaisons & Bruce Nesslage

#### Exxon Valde Spill Trustee Council Quarterly Financian Coport As of June 30, 2002 Category - Table 1

ſ	9	2' Work Plan		9	3' Work Plan		9	4' Work Plan		9	5' Work Plan	
	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent
Category	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated
General Restoration	4,103,070	3,793,459	92.45%	3,126,013	2,172,316	69.49%	5,248,300	3,169,392	60.39%	5,232,695	4,436,734	84.79%
Monitoring							2,883,118	2,571,396	89.19%	3,080,926	2,460,924	79.88%
Research							8,640,710	8,085,273	93.57%	10,726,431	10,107,500	94.23%
Monitoring and Research	2,237,788	2,206,587	98.61%	4,204,925	3,626,649	86.25%	417,200	335,717	80.47%			
Damage Assessment	7.807,100	5.740,168	73.52%	<u>1.991.807</u>	<u>1.570,900</u>	78.87%	Q	Q	0.00%	Q	Q	0.00%
sub-total	14,147,958	11,740,215	82.98%	9,322,745	7,369,866	79.05%	17,189,328	14,161,778	82.39%	19,040,052	17,005,158	89.31%
Habitat Protection	0	0	0.00%	486,200	156,760	32.24%	3,747,292	1,656,323	44.20%	2,757,322	2,231,447	80.93%
Administration	5,076,100	4,291,788	84.55%	4,136,052	2,647,818	64.02%	4,813,880	4,008,303	83.27%	4,207,026	3,171,447	75.38%
Total	19,224,058	16,032,003	83.40%	13,944,997	10,174,444	72.96%	25,750,500	19,826,404	76.99%	26,004,400	22,408,052	86.17%
		6' Work Plan		9	7' Work Plan		9	8' Work Plan		9	9' Work Plan	
	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent	Adjusted		Percent	Adjusted	Expended/	Percent
Category	Authorization	Obligated		Authorization	Obligated	Obligated	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated
General Restoration	4,133,410	3,739,517	90.47%	3,812,538	3,575,827	93.79%	2,413,185	2,251,612	93.30%	2,396,789	2,298,679	95.91%
Monitoring	1,496,871	1,447,703	96.72%	985,022	950,137	96.46%	930,911	893,143	95.94%	1,282,829	1,218,342	94.97%
Research	13.208.019		96.42%	11.430.632	11.156.278	97.60%	10.781.704	10.363.085	96.12%	7,966,482	7.721.742	96.93%
sub-total	18,838,300	17,922,876	95.14%	16,228,193	15,682,242	96.64%	14,125,800	13,507,840	95.63%	11,646,100	11,238,763	96.50%
Habitat Protection	3,304,100	2,045,292	61.90%	1,260,600	819,070	64.97%	851,400	596,353	70.04%	770,400	601,716	78.10%
Administration	3,418,500	2,979,622	87.16%	2,938,207	2,662,617	90.62%	2,796,300	2,531,047	90.51%	2,495,700	2,323,967	93.12%
Total	25,560,900	22,947,790	89.78%	20,427,000	19,163,929	93.82%	17,773,500	16,635,240	93.60%	14,912,200	14,164,446	94.99%
		O'Listed: Dien			1' Work Plan			2' Work Plan			1	
······	Adjusted	0' Work Plan Expended/	Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent		······································	
Category	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated			
General Restoration	940.657	825,236	87.73%	1.006.560	961,872	95.56%	616,900	379,480	61.51%	viellen, ververen en e		
Monitoring	1,396,603	1,353,262	96.90%	1,335,666	1,332,511	99.76%	867,941	464,419	53.51%			· • · • • • • • • • • • • • • • • • • •
Research	6.071.439	5.985.424	98.58%	3.595.410	3.453.003	96.04%	3,346,659	2,362,376	70.59%			
sub-total	8,408,700	8,163,922	97.09%	5,937,636	5,747,386	96.80%	4,831,500	3,206,275	66.36%			
Habitat Protection	405,800	359,858	88.68%	268,100	210,215	78.41%	161,800	88,851	54.91%			
Administration	2,033,900	1,872,905	92.08%	1,500,200	1,454,595	96.96%	1,561,200	1,028,855	65.90%			
Total	10,848,400	10,396,685	95.84%	7,705,936	7,412,196	96.19%	6,554,500	4,323,981	65.97%			
Work Plan Time Periods.				······································		••••••••••••••••••••••••••••••••••••••		·····				

Support.xls Category Summary

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Exxon Valde ipill Trustee Council Quarterly Report as of June 30, 2002 Summary - Table 2

Fiscal Year         Authorized         Adjustments           1992         19,211,000         13,058           1993         13,963,000         -18,003           1994         25,750,500         0           1995         26,004,400         0           1996         25,560,900         0           1997         19,827,600         -5,378           1998         17,281,600         0           2000         10,816,100         32,300           Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per au         2001         7,702,300         3,636           2002         6,048,500         506,000         0         1           TOTAL         186,757,100         531,612         0           Unallocated Lapse Adjustments (Through Court Request #45, 1         0         0	19,224,058 13,944,997 25,750,500 26,004,400 25,560,900 19,822,221 17,281,600	Expenditures 13,311,903 10,174,444 19,826,404 22,408,052 22,947,790 18,577,520	Expenditures 2,720,100	Obligations 0 0 0 0	Balance 5,912,155 3,770,553 5,924,096	Lapse 5,912,155 3,770,553 3,712,996	Lapse 2,292,119 1,752,480	Laps 3,620,03 2,018,07
1993       13,963,000       -18,003         1994       25,750,500       0         1995       26,004,400       0         1996       25,560,900       0         1997       19,827,600       -5,376         1998       17,281,600       0         1999       14,591,200       0         2000       10,816,100       32,300         Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001       7,702,300       3,636         2002       6,048,500       506,000         TOTAL       186,757,100       531,612         Total Reported Lapse Adjustments (Through Court Request #45, 1       1	13,944,997 25,750,500 26,004,400 25,560,900 19,822,221 17,281,600	10,174,444 19,826,404 22,408,052 22,947,790	2,720,100	0	3,770,553 5,924,096	3,770,553		
1994       25,750,500       0         1995       26,004,400       0         1996       25,560,900       0         1997       19,827,600       -5,378         1998       17,281,600       0         1999       14,591,200       0         2000       10,816,100       32,300         Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001       7,702,300       3,636         2002       6,048,500       506,000         TOTAL       186,757,100       531,612         OTHER AUTHORIZATIONS       Total Reported Lapse Adjustments (Through Court Request #45, I	25,750,500 26,004,400 25,560,900 19,822,221 17,281,600	19,826,404 22,408,052 22,947,790		0	5,924,096		1,752,480	2 019 07
1995       26,004,400       0         1996       25,560,900       0         1997       19,827,600       -5,376         1998       17,281,600       0         1999       14,591,200       0         2000       10,816,100       32,300         Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001       7,702,300       3,636         2002       6,048,500       506,000         TOTAL       186,757,100       531,612         OTHER AUTHORIZATIONS       Total Reported Lapse Adjustments (Through Court Request #45, I	26,004,400 25,560,900 19,822,221 17,281,600	22,408,052 22,947,790	· · · · · · · · ·			3,712,996		2,010,07
1996         25,560,900         0           1997         19,827,600         -5,375           1998         17,281,600         0           1999         14,591,200         0           2000         10,816,100         32,300           Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001         7,702,300         3,636           2002         6,048,500         506,000           TOTAL         186,757,100         531,612           OTHER AUTHORIZATIONS         Total Reported Lapse Adjustments (Through Court Request #45, I	25,560,900 19,822,221 17,281,600	22,947,790		0	2 500 240		1,336,041	2,376,95
1997       19,827,600       -5,379         1998       17,281,600       0         1999       14,591,200       0         2000       10,816,100       32,300         Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001       7,702,300       3,636         2002       6,048,500       506,000         TOTAL       186,757,100       531,612         OTHER AUTHORIZATIONS       Total Reported Lapse Adjustments (Through Court Request #45, 1	19,822,221 17,281,600		· · ·		3,596,348	3,596,348	880,818	2,715,53
1998       17,281,600       0         1999       14,591,200       0         2000       10,816,100       32,300         Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001       7,702,300       3,636         2002       6,048,500       506,000         TOTAL       186,757,100       531,612         OTHER AUTHORIZATIONS       7       700         Total Reported Lapse Adjustments (Through Court Request #45, 1       1	17,281,600	18,577,520		0	2,613,110	2,613,110	921,208	1,691,90
1999         14,591,200         C           2000         10,816,100         32,300           Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001         7,702,300         3,636           2002         6,048,500         506,000           TOTAL         186,757,100         531,612           OTHER AUTHORIZATIONS         Total Reported Lapse Adjustments (Through Court Request #45, 1				0	1,244,701	1,244,701	563,851	680,85
2000         10,816,100         32,300           Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per au         2001         7,702,300         3,636           2002         6,048,500         506,000         506,000           TOTAL         186,757,100         531,612           OTHER AUTHORIZATIONS         Total Reported Lapse Adjustments (Through Court Request #45, 10)		16,250,176		0	1,031,424	1,031,424	377,369	654,05
Unreserved Fund Balance a/o 9/30/01 (Unreserved amount per at 2001 7,702,300 3,636 2002 6,048,500 506,000 TOTAL 186,757,100 531,612 OTHER AUTHORIZATIONS Total Reported Lapse Adjustments (Through Court Request #45, 1	14,591,200	13,869,472		0	721,728	726,422	320,528	405,89
2001         7,702,300         3,636           2002         6,048,500         506,000           TOTAL         186,757,100         531,612           OTHER AUTHORIZATIONS	10,848,400	10,019,930		376,755	451,715	650,386	218,908	431,47
2002 6,048,500 506,000 TOTAL 186,757,100 531,612 OTHER AUTHORIZATIONS Total Reported Lapse Adjustments (Through Court Request #45, 1	dit minus unreporte	d interest + lapse	)			1,411,854		1,411,85
TOTAL 186,757,100 531,612 OTHER AUTHORIZATIONS Total Reported Lapse Adjustments (Through Court Request #45, 1	7,705,936	6,850,609		561,587	293,740	293,740	106,369	187,37
OTHER AUTHORIZATIONS Total Reported Lapse Adjustments (Through Court Request #45, 1	6,554,500	3,373,775		964,313	2,216,412			
	187,288,712	157,610,075	2,720,100	1,902,655	27,775,982	24,963,689	8,769,691	16,193,99
	383,678,493	373,264,650		3,332,674	7,081,169	689,791	307,364	382,42
Unallocated Lapse (1992 through 2001)	nvestment Fund No	otice #1, & Court I	Notice #13)		L	26,222,814	8,605,989	17,616,82
						-569,334	471,066	-1,040,40
Unallocated Interest (as of 6/30/02)						1,715,059	569,456	1,145,60
Other Revenue (Posters/Symposium Receipts)						33,592	0	
Total Available to Offset Future Court Requests						1,179,317	1,040,522	105,203

Federal Lapse includes lapse money that has not been received by the NRDAR account as not all agencies have returned lapsed funds.

Other Authorizations: Includes all large and small parcel acquisitions, the Alutiiq Repository, Prince William Sound and Lower Cook Inlet Archaeological Repository (99154), Construction of the Alaska SeaLife Center, Implementation of the Sound Waste Mgt. Plan (97115), Kenai Habitat Restoration & Recreation (97180, 98180, 99180), Alaska SeaLife Center Fish Pass (97179), Chenega-Area Residual Oiling (96291, 97291, 98291), Kodiak Waste Mgt. Plan (99304), Port Graham Hatchery Reconstruction (99405).

			on Valdez Oil S					
			od Ending Ju Year 2002 - Ta					
Project Number	Project Description	Authorized	Adjusted		A/o 6/30/02 Expenditures	A/o 6/30/02 Obligations	Expended/ Obligated	Unobligated Balance
02012	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	35,200	0	35,200	32,900	0	32,900	2,300
02052	Community Involvement/Traditional Ecological Knowledge	45,000	86,400	131,400	0	9,000	9,000	122,400
02100	Public Information, Science Management and Administration*	1,500,000	61,200	1,561,200	906,890	121,965	1,028,855	532,345
02126	Habitat Protection and Acquisition Support	161,800	0	161,800	66,750	22,101	88,851	72,949
02144	Common Murre Population Monitoring	14,800	o	14,800	9,010	0	9,010	<b>5</b> ,790
02159	Surveys to Monitor Marine Bird Abundance in Prince William Sound during Winter and Summer 2000	33,300	0	33,300	0	0	o	33,300
02163	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	50,000	0	50,000	32,747	0	32,747	17,253
02190	Construction of a Linkage Map for the Pink Salmon Genome	43,100	124,900	168,000	0	157,000	157,000	11,000
02195	Pristane Monitoring in Mussels	20,000	0	20,000	24,000	0	24,000	-4,000
02210	Youth Area Watch	106,100	0	106,100	33,481	68,826	102,307	3,793
02245	Community-Based Harbor Seal Management and Biological Sampling	26,800	0	26,800	19,897	366	20,263	6,537
02247	Kametolook River Coho Salmon Subsistence Project	30,800	0	30,800	10,774	8,665	19,439	11,361
02250	Project Management	181,700	0	181,700	109,836	4,337	114,173	67,527
02256	Sockeye Salmon Stocking at Solf Lake	15,500	0	15,500	0	0	0	15,500
02290	Hydrocarbon Database and Interpretation Service	35,000	0	35,000	27,800	0	27,800	7,200
02320	SEA: Printing Final Report	2,100	0	2,100	-155	0	-155	2,255

			n Valdez Oil S					
			od Ending Ju		· · · · · · · · · · · · · · · · · · ·			
	r	Fiscal	Year 2002 - Ta	ible 3				
Project				Adjusted	A/o 6/30/02	A/o 6/30/02	Expended/	Unobligated
	Project Description	Authorized	Adjusted	Authorization	Expenditures	Obligations		Balance
		Authonizou	Aujusteu				Obligated	Dalatica
	Toward Long-Term Oceanographic Monitoring of the Gulf							
02340	of Alaska Ecosystem	77,800	0	77,800	32,092	43,440	75,532	2,268
	The Exxon Valdez Oil Spill: Guidance for Future		-					
02360	Research Activities	90,100	0	90,100	84,200	0.	84,200	5,900
02395	Workshop on Nearshore/Intertidal Monitoring	63,600	0	63,600	21,636	30,150	51,786	11,814
02396	Alaska Salmon Shark Assessment	28,800	0	28,800	21,000	0	21,000	7,800
	Assessment of Spot Shrimp Abundance in Prince							
02401	Willianal Souge for Tracking King Salmon at Sea:	25,500	0	25,500	10,700	0	10,7 <b>00</b>	14,800
	Migrations, Biology, and Oceanographic Preferences in							
02404	Prince William Sound	104,600	0	104,600	84,457	0	84,457	20,143
02407	Harlequin Duck Population Dynamics	68,700	0	68,700	51,059	916	51,975	16,725
	Patterns and Processes of Population Change in							
02423	Selected Nearshore Vertebrate Predators	458,400	24,300	482,700	372,845	23,982	396,827	85,873
	Harbor Seal Recovery: Effects of Diet on Lipid							
02441	Metabolism and Health	20,200	0	20,200	7,168	12,384	19,552	648
	Gulf Ecosystem Monitoring & Research Program Data							
02455	System	105,000	0	105,000	33,138	1,099	34,237	70,763
00400	Effects of Disease on Pacific Herring Population	77 400		77 400	<b>50 707</b>	C 044	63.694	40.70
02462	Recovery in Prince William Sound Effects of Oiled Incubation Substrate on Pink Salmon	77,400	0	77,400	56,787	6,844	63,631	13,769
02476	Reproduction	39,800	o	39.800	32,100	0	32,100	7,700
02410	Effects of Food Stress on Survival and Reproductive				52,100		32,100	
02479	Performance of Seabirds	55,000	o	55,000	5,174	0	5,174	49,826
	Were Pink Salmon Embryo Studies in Prince William							
	Sound Biased?	24,000	0	24,000	21,300	0	21, <b>30</b> 0	2,700
	EVOS TC Restoration Program Final Report	52,400	0	52,400	22,470	7,366	29,836	22,564
	Evaluation of Two Methods to Discriminate Pacific							
	Herring Stocks Along the Northern Gulf of Alaska	52,900	27,500	80,400	39,357	1,016	40,373	40,027
	Evaluation of Oil Remaining in the Intertidal from the Exxon Valdez Oil Spill	112 100		442.400	04.000	~	04.000	40.000
02543 02550	Alaska Resources Library and Information Services	113,100 93,400	0	113,100	94,900	0	94,900	18,200
JZ33U	maska mesources Library and Information Services	93,400	0	93,400	66,881	1,649	68,530	24,870

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		Exxo	n Valdez Oil S	ipill				
		For the Peri	od Ending Ju	ne 30, 2002				
Fiscal Year 2002 - Table 3								
Project				Adjusted	A/o 6/30/02	A/o 6/30/02	Expended/	Unobligated
	Project Description	Authorized	Adjusted	Authorization				Balance
	Exchange Between Prince William Sound and the Gulf of							
02552	Alaska	102,500	0	102,500	102,500	0	102,500	0
	Mapping the Physics and Physical Processes of Marine		1					
	Habitats: The First Step in a Spatially Nested Monitoring							
02556	Program	62,200	0	62,200		0	0	62,200
02558	Harbor Seal Recovery (includes bench fees)	292,300	0	292,300	165,617	1,016	166,633	125,667
	Evaluating the Feasibility of Developing a Community-							
02561	Based Forage Fish Sampling Project for GEM	54,300	0	54,300		0,	13,678	40,622
02574	Bivalve Recovery on Treated Beaches	94,800	0	94,800	88,600	0	88,600	6,200
02584	Airborne Remote Sensing Tools	78,600	0	78,600	0	0	0	78,600
02585	Lingering Oil: Bioavailability & Effects	296,400	0	296,400	221,211	0	221,211	75,189
02593	River Otter Synthesis	32,400	0	32,400	27,419	4,981	32,400	0
02600	EVOS Synthesis, 1989-2001	133,800		133,800	11,613	113,387	125,000	8,800
02603	Ocean Circulation Model	80,000	0	80,000	26,056	51,182	77,238	2,762
02608	Archiving of Nearshore & Deep Benthic Specimens	61,600	0	61,600	9,904	48,843	58,747	2,853
02610	Kodiak island Youth Area Watch	61,800	0	61,800	12,874	46,318	59,192	2,608
02612	Marine-Terrestial Linkages in Kenai River Watershed	44,600	0	44,600	24,349	16,603	40,952	3,648
02613	Mapping Marine Habitats: Prince William Sound	80,000	0	80,000	0	0	0	80,000
	Monitoring Program for Near-Surface Temperature,							
	Salinity, and Fluorescence in the Northern Pacific Ocean	38,200	0	38,200	0	······································	0	38,200
	Mapping Marine Habitats: Kodiak	70,000	0	70,000	0		00	70,000
	Digital ESI Maps: Cook Inlet/Kenai	36,600	0	36,600	0		0	36,600
	Ships of Opportunity: Plankton Survey	120,600	0	120,600	112,700	0	112,700	7,900
	Planning for Long-term Research and Monitoring							
02630	Program	79,900	240,900	320,800	103,667	78,621	182,288	138,512
02636	Commercial Fishing Management Applications	50,000	0	50,000	46,700	0	46,700	3,300
	Reconstructing Sockeye Populations in the Gulf of							
02649	Alaska over the Last Several Thousand Years	88,100	0	88,100	31,757	53,536	85,293	2,807
	Retrospective Analysis of Nearshore Marine						-	
	Communities Based on Analysis of Archaeological							
	Material and Isotopes	109,900	0	109,900	4,800		4,800	105,100
02667	Effectiveness of Citizens' Environmental Monitoring	16,700	1,200	17,900	5,904	11,896	17,800	100
02668	Water Quality and Habitat Database	16,100	0	16,100	0	16,100	16,100	0
	Coordinating Volunteer Vessels of Opportunity to Collect							
	Oceanographic Data in Kachemak Bay and Lower Cook							
02671	Inlet	34,800	o	34,800	19,125	724	19.849	14,951

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			on Valdez Oil S					
	For the Period Ending June 30, 2002							
Fiscal Year 2002 - Table 3								
Project				Adjusted	A/o 6/30/02	A/o 6/30/02	Expended/	Unobligated
Number	Project Description	Authorized	Adjusted	Authorization	Expenditures	Obligations	Obligated	Balance
	Continuing Decline of Pigeon Guillemots in the Oiled							
02674	Portion of Prince William Sound	60,400	-60,400	0	0	0	0	0
	Unbilled GA (USGS & ADFG)			0	14,107		14,107	-14,107
		6,048,500	506,000	6,554,500	3,373,775	964,313	4,338,088	2,216,412



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

### MEMORANDUM

- TO: Craig Tillery Regina Belt
- FROM: Debbie Hennigh Administrative Manager
- DATE: August 14, 2002
- SUBJ: Court Notice #14

The purpose of this memorandum is to request that the Alaska Department of Law and the United States Department of Justice notify the United States District Court of our intent to expend the following funds from the EVOS Investment Fund (\$21,732,734) and Natural Resource Damage Assessment Fund (\$1,055,700):

Description	Amount
FY 03 Phase I Work Plan Projects	\$2,669,500
Total = \$3,725,200:	
United States (Subtotal - \$1,155,700 reduced by amount of lapse/interest money in the NRDAR Fund available to cover work plan: \$1,155,700 - \$1,055,700 = \$100,000 needed from Investment Fund)	
State of Alaska (Subtotal - \$2,569,500)	
\$2,569,500 – Alaska	
\$ 100,000 – US	
\$2,669,500 Total	
FY 03 Project 030126 Habitat Support Costs	\$37,700
for Alaska Department of Natural Resources	
for Northern Afognak Island	

Page 1

Description	Amount		
Shuyak land payment to Alaska Department of	\$11,805,734		
Natural Resources			
Eyak land payment to US Forest Service	\$7,000,000		
Cover the difference in value of the land to be	\$41,000		
exchanged with Old Harbor Native Corporation			
for Sitkalidak Island – Department of Natural			
Resources			
Purchase of small parcel KAP 1087/Chokwak	\$160,000		
by US Fish and Wildlife Service			
FY 02 Project 02126 Habitat Support Costs for	\$18,800		
Alaska Department of Natural Resources for			
unanticipated contractual costs			
Total amount to be disbursed from the EVOS	\$21,732,734		
Investment Fund:			
Breakdown between US/AK:			
United States \$7,260,000			
State of Alaska \$14,472,734			
Total \$21,732,734			

There have been two Trustee Council meetings (July 9, 2002 and August 6, 2002) since the last court notice, dated July 3, 2002.

Attached are the following documents:

- 1. Approved meeting notes for July 9, 2002 (part of August 6<sup>th</sup> meeting notes Attachment B).
- 2. Chokwak resolution and Executive Director's certification that the terms and conditions of the resolution have been met.
- 3. Executive Director's certification of Trustee Council action for \$41,000 to ADNR to cover difference in value of land to be exchanged with Old Harbor Native Corporation.
- 4. Draft meeting notes for August 6, 2002 with attachments, including the work plan resolution, court notice spreadsheet, and the Trustee Council Action-text spreadsheet (Attachment D).
- 5. Executive Director's certifications of Trustee Council action for Projects 02126 and 030126.

If you have any questions or need additional materials, please let me know and I'll be glad to get them for you.



#### RESOLUTION 02-06 OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL REGARDING SMALL PARCEL KAP 1087/CHOKWAK

We, the undersigned, duly authorized members of the *Exxon Valdez* Oil Spill Trustee Council ("Council"), after extensive review and after consideration of the views of the public, find as follows:

1. By resolution adopted at its meeting on January 16, 2001, the Council implemented a small parcel acquisition program through identical grants to The Conservation Fund and The Nature Conservancy (the grant to The Conservation Fund is hereinafter referred to as the "Grant");

2. The Conservation Fund and The Nature Conservancy identified the Chokwak small parcel, KAP 1087 as a small parcel to be considered for acquisition under the Grant and consulted with the Council at its meeting on December 11, 2001 concerning the purchase of the Chokwak parcel;

3. An appraisal of the parcel completed by the Bureau of Indian Affairs of the United States Department of the Interior determined that the fair market value of the parcel is \$160,000;

4. As set forth in Attachment A, Restoration Benefits Report for KAP 1087, if acquired, this small parcel has attributes which will restore, replace, enhance and rehabilitate injured natural resources and the services provided by those natural resources, including important habitat for several species of fish and wildlife for which significant injury resulting from the spill has been documented. Acquisition of this small parcel will assure protection of approximately 160 acres. The parcel includes much of the more level land at the head of the west side of Dog Bay. Along with the other native allotment in Dog Bay it provides the best access to the uplands from anchored boats or floatplanes. The parcel includes a salmon stream, which has silver, chum and pink salmon runs. Further inland, the parcel is characterized by substantial alder patches, high grass and cottonwood. The parcel is important to the sport fishing and tourism industries, both of which were impacted by the *Exxon Valdez* Oil Spill ("EVOS").

5. Existing laws and regulations, including but not limited to the Alaska Forest Practices Act, the Alaska Anadromous Fish Protection Act, the Clean Water Act, the Alaska Coastal Management Act, the Bald Eagle Protection Act and the Marine Mammal Protection Act, are intended, under normal circumstances, to protect resources from serious adverse effects from activities on the lands. However, restoration, replacement and enhancement of resources injured by the EVOS present a unique situation. Without passing judgment on the adequacy or inadequacy of existing law and regulations to protect resources, scientists and other resource specialists agree that, in their best professional judgment, protection of habitat in the spill area to levels above and beyond that provided by existing laws and regulations will have a beneficial effect on recovery of injured resources and lost or diminished services provided by these resources;

6. There has been widespread public support for the acquisition of lands within Alaska as well as on a national basis;

7. The purchase of this parcel is an appropriate means to restore a portion of the injured resources and services in the oil spill area. Acquisition of this parcel is consistent with the Final Restoration Plan.

THEREFORE, we resolve to provide funds to the United States Department of Interior for the State of Alaska to acquire all the seller's rights and interests in the small parcel KAP 1087 pursuant to the following conditions:

(a) the amount of Grant funds (hereinafter referred to as the "Purchase Price") to be provided by the Council shall be one hundred sixty thousand dollars (\$160,000) for small parcel KAP 1087;

(b) authorization for funding for the acquisition described in the foregoing paragraph shall terminate if a purchase agreement is not executed or purchase of the parcel completed by August 30, 2003;

(c) filing by the United States Department of Justice and the Alaska Department of Law of a notice, as required by the Third Amended Order for Deposit and Transfer of Settlement Proceeds, of

Resolution 02-06

the proposed expenditure with the United States District Court for the District of Alaska and, if necessary, with the Investment Fund established by the Trustee Council within the Alaska Department of Revenue, Division of the Treasury ("Investment Fund") and transfer of the necessary monies from the appropriate account designated by the Executive Director of the Trustee Council ("Executive Director");

(d) a conservation easement on parcel KAP 1087 shall be conveyed to the United States which must be satisfactory in form and substance to the United States and the State of Alaska Department of Law;

(e) no timber harvesting, road development or any alteration of the land will be initiated on the land without the express agreement of the State of Alaska and the United States prior to purchase; and

(f) compliance with the terms and conditions of Paragraph 6.b. of the Grant.

- (i) title search;
- (ii) a determination that the seller is willing and able to convey title in
   a form satisfactory to the State of Alaska and Bureau of Land Management of
   the Department of the Interior of the United States;
- (iii) an executed purchase or option agreement and conveyance documents that are ready for execution;
- (iv) hazardous materials survey; and
   statement of compliance with the National Environmental Policy Act.
- (vi) statement of compliance with the National Environmental Policy Act.

It is the intent of the Trustee Council that the above referenced conservation easement will provide that any facilities or other development on the foregoing small parcel shall be of limited impact and in keeping with the goals of restoration, that there shall be no commercial use except as may be consistent with applicable state or federal law and the goals of restoration to prespill conditions of any natural resource injured, lost, or destroyed as a result of the EVOS, and the services provided by that resource or replacement or substitution for the injured, lost or destroyed resources and affected services, as described in the Memorandum of Agreement and Consent Decree between the United States and the State of Alaska entered August 28, 1991 and the Final Restoration Plan as approved by the Council.

By unanimous consent, following written notice from the Executive Director that the terms and conditions set forth herein have been satisfied, we request the Alaska Department of Law and the Assistant Attorney General of the Environment and Natural Resources Division of the United States Department of Justice to take such steps as may be necessary for withdrawal of the Purchase Price for the above-referenced parcel from the appropriate account designated by the Executive Director.

Such amount represents the only amount due under this resolution to the sellers by the State of Alaska to be funded from the joint settlement funds, and no additional amounts or interest are herein authorized to be paid to the sellers from such joint funds.

Approved by the Council at its meeting of July 9, 2002 held in Anchorage, Alaska, as affirmed by our signatures affixed below:

DAVE GIBBONS

Forest Supervisor Forest Service Alaska Region U.S. Department of Agriculture

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DRUE PEARCE Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior

FRANK RUE Commissioner Alaska Department of Fish and Game

Attachment A - Restoration Benefits Report

Assistant Attorney General State of Alaska

JAMÉS BALSIGER Administrator, Alaska Region National Marine Fisheries Service

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 14, 2002

I certify that the State of Alaska has complied with the terms and conditions of the Exxon Valdez Oil Spill Trustee Council's resolution of July 9, 2002, and hereby request that the Alaska Department of Law and U.S. Department of Justice notify the U.S. District Court of the following disbursements from the EVOS Investment Fund:

KAP 1087 James F. Chokwak, Sr.

Parcel Number Landowner

**Purchase Price** \$160,000

Sandra Schubert for

Molly McCammon **Executive Director** 



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 13, 2002

-

1.10

I certify that on July 9, 2002 the *Exxon Valdez* Oil Spill Trustee Council approved a motion to provide \$41,000 to the State of Alaska Department of Natural Resources to cover the difference in the value of land on Sitkalidak Island to be conveyed by the State of Alaska to the Old Harbor Native Corporation for land in Kiliuda Bay to be conveyed to the State by Old Harbor Native Corporation.

Bandra Schubert for Molly McCammon

Molly McCammon Executive Director



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

I certify that on August 6, 2002 the *Exxon Valdez* Oil Spill Trustee Council approved a motion for the State of Alaska Department of Natural Resources to receive an additional \$18,800 under Project 02126 for unanticipated, habitat protection support costs.

Sandra Schubert for Molly McCammon

Executive Director

# Exxon Valdez Oil Spill Trustee Council

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

### TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska August 6, 2002

By Molly McCammon Executive Director

#### Trustee Council Members Present:

Dave Gibbons, USFS • Drue Pearce, DOI James Balsiger, NMFS Frank Rue, ADF&G Michele Brown, ADEC \*Craig Tillery, ADOL

\* Chair

In Anchorage: Gibbons, Tillery, and Brown

By teleconference: Balsiger (DC), Rue (Juneau), Toohey (Anchorage)

Alternates

Cam Toohey served as alternate for Drue Pearce or the entire meeting.

Meeting convened at 2:06 p.m., August 6, 2002, in Anchorage.

#### 1. Approval of the Agenda

**APPROVED MOTION:** 

Approved the August 6, 2002 agenda. (Attachment A)

Motion by Brown, second by Gibbons.

#### 2. <u>Approval of Meeting Notes</u>

**APPROVED MOTION:** 

Approved the July 9, 2002 meeting notes. (Attachment B)

Motion by Gibbons, second by Brown.



Public comment period began at 2:10 p.m.

..o public comment received.

Public comment period closed at 2:12 p.m.

3. Investment Fund Fees

**APPROVED MOTION:** 

Approved a motion to adjust the investment fund fees as outlined in the memo to the Trustee Council dated August 6, 2002 regarding the Investment Fund Fees (Attachment C), with a correction on page 4 changing 1/12 to 12.

Motion by Brown, second by Gibbons.

Public comment period re-opened at 2:26 p.m.

#### No public comment received.

Public comment period closed at 2:27 p.m.

#### 4. FY 03 Work Plan Phase I

**ADOPTED RESOLUTION:** 

Adopted resolution 02-07 approving funding of \$3,725,200 for FY 03 Phase I projects as outlined in resolution 02-07(Attachment D).

Motion by Brown, second by Gibbons.

#### 5. FY 02 Amendment to Project 02126

**APPROVED MOTION:** 

Approved a motion to provide \$18,800 for the Alaska Department of Natural Resources under Project 02126 for the unanticipated contractual expenses outlined on page 3 of the memo dated July 12, 2002 from Carol Fries to Molly McCammon, including a general administrative fee of 7% (Attachment E).

Motion by Brown, second by Gibbons.

#### **APPROVED MOTION:**

Approved a motion to provide \$37,700 in funds for the Alaska Department of Natural Resources to provide the following services in regard to the proposed protection of coastal habitat in Perenosa Bay and other coastal habitat on northern Afognak Island: review land and timber appraisals, review title, and conduct a hazardous materials survey and site inspection.

Motion by Brown, second by Gibbons.

#### 7. <u>Habitat Grant Extension</u>

#### **ADOPTED RESOLUTION:**

Adopted resolution 02-08 approving an extension of the termination date of the United States Fish and Wildlife Service grants to The Conservation Fund and The Nature Conservancy from September 30, 2002 to September 30, 2003, an extension of due date for the grant recipients' activity report to the Council from December 31, 2002 to December 31, 2003, and a revision to the schedule for funding recipients' indirect costs from quarterly disbursement to upon request for reimbursement occurring no more frequently than every 30 days (Attachment F)

Motion by Gibbons, second by Brown.

#### 8. <u>Injured Resources Update</u>

#### **APPROVED MOTION:**

Approved a motion to adopt the Status of Injured Resources and Services dated July 29, 2002 with a motion to amend by Gibbons, seconded by Balsiger, approving the following changes: move Subtidal Communities from "Recovered" to "Recovery Unknown" and include corresponding language changes in the recovery description of subtidal communities.

Motion by Brown, second by Gibbons.

Public comment period re-opened at 4:23 p.m.

### Public comment received from one individual in Anchorage.

ublic comment period closed at 4:27 p.m.

Meeting adjourned 4:28 p.m.

Motion by Gibbons, second by Brown.

# Exxon Valdez Oil Spill Trustee Council

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

AGENDA EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL **TELECONFERENCE MEETING** August 6, 2002 2:00 p.m. 441 West 5th Ave., Suite 500, ANCHORAGE



DRAFT

Trustee Council Members:

CRAIG TILLERY Assistant Attorney General State of Alaska

Senior Advisor to the Secretary

U.S. Department of the Interior

DRUE PEARCE

for Alaskan Affairs

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation

MARIA LISOWSKI for **DAVE GIBBONS Forest Supervisor** Forest Service Alaska Region U.S. Department of Agriculture

JAMES W. BALSIGER Administrator, Alaska Region National Marine Fisheries Service FRANK RUE Commissioner, Alaska Department of Fish & Game

Teleconferenced in Anchorage, Restoration Office, 441 W 5th Ave, Suite 500 State Chair

- 1. Call to Order - 2:00 p.m.
  - Approval of Agenda\*
  - Approval of Meeting Notes\* July 9, 2002

2. Public Advisory Group meeting summary - June 20, 2002

- 3. Public comment - 2:15 p.m.
- 4. **Executive Director's report** 
  - Quarterly Project Report
  - Investment fee amendment\*

Federal Trustees State Trustees U.S. Department of the Interior Alaska Department of Fish and Game U.S. Department of Agriculture Alaska Department of Environmental Conservation National Oceanic and Atmospheric Administration Alaska Department of Law

- 5. FY 03 Work Plan Phase I\*
- 6. FY 02 Work Plan Amendment (02126)\*
- 7. Support for northern Afognak acquisition efforts\*
- 8. Extension of Habitat Grant\*
- 9. Update on Status of Injured Resources and Services\*

Adjourn - 4:00 p.m.

\* Indicates tentative action items.

# Exxon Valdez Oil Spill Trustee Council

441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

## TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska July 9, 2002

> By Molly McCammon Executive Director

Trustee Council Members Present:

•Dave Gibbons, USFS \*Drue Pearce, DOI James Balsiger, NMFS Frank Rue, ADF&G Michele Brown, ADEC Craig Tillery, ADOL

#### \* Chair

In Anchorage: Lisowski, Pearce, Balsiger, Rue, Brown and Tillery

Alternates

Maria Lisowski served as alternate for Dave Gibbons for the entire meeting.

Meeting convened at 10:45 a.m., July 9, 2002, in Anchorage.

1. Approval of the Agenda

**APPROVED MOTION:** 

Approved the July 9, 2002 agenda, amended by removing the small parcel KEN 310/Swartzes (Attachment A.)

Motion by Tillery, second by Brown.

### 2. Approval of Meeting Notes

**APPROVED MOTION:** 

Approved the June 14, 2002 meeting notes (Attachment B).

Motion by Tillery, second by Brown.



Public comment period began at 10:53 a.m.

#### Public comment received from one individual in Anchorage.

ublic comment period closed at 11:10 a.m.

#### 3. GEM Program Document

APPROVED MOTION:

Approved a motion to approve the GEM Program Document Final Draft dated July 1, 2002 in its entirety.

Motion by Rue, second by Brown.

#### 4. Revised Operating and Report Procedures

Approved a motion to approve the revised Trustee Council Procedures, review draft dated June 24, 2002, with minor language revisions.

Motion by Brown, second by Rue.

#### 5. <u>Trustee Council Data Policy</u>

**APPROVED MOTION:** 

**APPROVED MOTION:** 

Approved motion to approve the revised Trustee Council/GEM data policy with revised language indicating it refers to all Trustee Council projects and is effective October 1, 2002.

Motion by Tillery, second by Rue

#### 6. <u>Executive Session</u>

**APPROVED MOTION:** 

Approved a motion to move to an Executive Session.

Motion by Tillery, second by Rue.

#### BREAK

Off Record at (11:39 a.m.) On Record at (11:45 p.m.)

#### **EXECUTIVE SESSION**

Off record at (11:45 a.m.) On record at (1:53 p.m.)

#### 7. Injured Resource Update

Deferred action on Injured Resources Update until the August 6, 2002 meeting.

#### Habitat Protection

8.

APPROVED MOTION:

Approved a motion to provide \$41,000 to the Alaska Department of Natural Resources to be used to equalize the values of the lands on Sitkalidak Island to be conveyed by the State of Alaska to the Old Harbor Native Corporation for lands in Kiliuda Bay to be conveyed to the State by OHNC.

Motion by Tillery, second by Rue.

#### ADOPTED RESOLUTION:

Adopted a resolution to provide \$160,000 in funds to the Alaska Department of the Interior for the State of Alaska to acquire all of the seller's rights and interests in the small parcel KAP 1087/Chokwak pursuant to the conditions outlined in the Resolution 02-06 (Attachment C).

Motion by Tillery, second by Rue.

Meeting adjourned 2:48 p.m.

# Exxon Valdez Oil Spill Trustee Council

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



### MEMORANDUM

TO:	Trustee	Council	/

FROM: Molly McCammon Executive Director

RE: Investment Fund Fees - REVISED

DATE: August 6, 2002

#### Background

At the July 5, 2000 meeting, the Trustee Council approved the "Resolution of the *Exxon Valdez* Oil Spill Trustee Council Pertaining to the Transfer of the Joint Trust Funds and Fees on the Investment Fund". In this resolution fixed flat fees and specific fee rates (basis points) per service or type of asset class were detailed. However, we have since learned that these fees fluctuate. For example, two of the variable rates depend upon the total amount the Alaska Division of Treasury has invested in each asset class. As a result, we are out of compliance with the July 5th resolution and would like to correct it by having the Trustee Council approve a motion that supersedes this resolution.

#### Issue

Alaska Division of Treasury negotiates the management fee contracts for the Alaska State Pension Investment Board (ASPIB). The Council's Investment Fund "piggybacks" on these fee contracts, especially for the International and Domestic Equity pools of the Investment Fund. The fee rates do not remain constant. This is because the fee schedule is incremental. Each additional increment of invested dollars is invested at a lower rate than the previous.

#### 1. International Pool

For example, the fee schedule for the International pool of the Investment Fund is detailed below:

Amount Invested		Cumulative Assets	Basis Point Fee
151	\$200 m	\$200,000,000	50
Next	\$100 m	\$300,000,000	45
Next	\$100 m	\$400,000,000	40
Next	\$100 m	\$500,000,000	35
Next	\$100 m	\$600,000,000	30
Next	\$100 m	\$700,000,000	25
Next	\$300 m	\$1,000,000,000	20
Remainder		Over \$1 billion	15

Non-retirement funds are charged at the lowest incremental rate. In the case above this means that, so long as the retirement assets remain at a market value of over \$1 billion, the non-retirement assets pay the final and lowest incremental rate of 15 basis points. In the event that the retirement assets market value decreases to a market value (MV) between \$700 million and \$1 billion, the non-retirement assets rate actually increases to the incremental rate of 20 basis points.

Non-retirement funds choose this option, along with the associated risk of an increase in basis point fees, because they would be hard pressed to go out and obtain active international management fees at even the retirement systems highest incremental rate of 50 basis points.

#### 2. Domestic Equity Pool - REVISED

Am	ount Invested	t Invested Cumulative Assets			
1 <sup>51</sup>	\$250 million	\$250,000,000	1.4		
Next	\$375 million	\$625,000,000	1.0		
Next	\$1,075 million	\$1,700,000,000	0.8		
Remainder		Over \$1,700 million	0.6		

The fee schedule for domestic equity assets follows:

EVOS participates along with <u>several other non-retirement funds</u> in the above domestic equity pool. At June 30, EVOS' assets represented 17% of the total \$426 million in the fund. Each fund pays its prorated share of the fees for this pool. For example, for EVOS, the calculation would be:

EVOS average month end MV for the quarter

Total average month end MV, all funds

X quarterly fee = EVOS share

Note that if the international fees were allocated using this same formula (Domestic Equity), EVOS' fee for FY02 would have been over 30 basis points.

#### **Recommendation**

Recommend that the Trustee Council approve a motion that would approve Investment Fund fees based upon a basis point range instead of a flat rate. The motion should also recognize that the Division of Treasury's personal services costs will most likely increase each year and that Treasury charges funds it manages based upon a percentage of its personal services costs. Therefore, the Investment Management Fee should not be dollar specific but stated only as 0.5% of the Division of Treasury's budgeted personal services amount. Note that the 0.5% is charged per account that is established at Treasury's custodial bank, State Street Company. Treasury may cap the total Investment Management Fee to 1.0% of personal services for funds who require more than 2 accounts at the custodial bank.

The table below shows the fee approved by the Trustee Council in its July 5, 2000 resolution, the actual fees incurred for the past quarter, and the recommended fee range.

Description of Fee	Fee Approved by Trustee Council	Actual Fees for SFY 02	Fee Ranges Likely to Cover Actual Fees as Recommended by Division of Treasury	Notes
Custody Safekeeping Fee	\$5,000	Fee waived	Fee waived	Treasury has waived this fee for funds over a certain size as the 1 basis point variable fee is sufficient to cover larger funds share of the costs.
Custody Transaction Fee	1 basis point	1 basis point	No Change	
Investment Management Fee (Treasury personal services for fixed income management and accounting)	\$11,222 (0.5% of budgeted amount for Division of Treasury's personal services)	<sup>1</sup> ⁄ <sub>4</sub> of \$11,900 (0.5% of budgeted amount for Division of Treasury's personal services)	(0.5% of budgeted amount for Division of Treasury's personal services)	This fee fluctuates as Division of Treasury's personal services fluctuate. In SFY 03 our fee will be \$13,100 for the year. This increase is because Treasury received an increment in their 2003 budget to cover increased investment officer salaries.
Domestic Equity Fee	1.3 basis point	2.0 basis point	0.8 to 1.4 basis points	The fee would only go as high as 1.4 basis points if all other participants were to exit and EVOS was the only fund left (at approximately their existing \$70 million investment).
International Equity Management Fee	15 basis point	20 basis point	15.00 to 25.00 basis points	The retirement assets would have to be reduced by \$300 million before EVOS' fees increased to the next increment, which would be 25 basis points. This is unlikely to happen from market conditions alone. However the ASPIB board could move a portion of these assets to another manager.

#### Motion:

The Trustee Council approves the EVOS Investment Fund fees for one account as follows:

- Custody fees shall be charged monthly at 1 basis point of the month end market value divided by 1/12.

- Investment Management fees shall be charged monthly at 0.5% of the budgeted amount of the Division of Treasury's personal services divided by 1/12.

- Domestic Equity fees shall be charged quarterly (based on agreement with Department of Revenue per the formula described in Attachment A), on the average month-end market value for the quarter, at a basis point rate not to exceed 1.4 basis points divided by 4.

- International Equity fees shall be charged quarterly (based on agreement with Department of Revenue per the formula described in Attachment A), on the average month-end market value for the quarter, at a basis point rate not to exceed 25 basis points.

If in one fiscal year the EVOS Investment Fund (assumes EVOS adds no new money in the fund, i.e., contributions and not earnings) fees for one investment account exceed \$150,000, approval of these fees is required by the Trustee Council.

#### Attachment A

The fees Treasury shall charge EVOS for providing domestic and international equity management are based upon Treasury's existing contracts, which expire June 2003. The fee schedules are shown below:

# Domestic Equity Management - Provided by State Street Global Advisors (SSGA) - Russell 3000 Common Trust Fund

Am	ount Invested	Cumulative Assets	Basis Point Fee		
151	\$250 million	\$250,000,000	1.4		
Next	\$375 million	\$625,000,000	1.0		
Next	\$1,075 million	\$1,700,000,000	0.8		
Remainder		Over \$1,700 million	0.6		

EVOS shall be charged a prorated share of the quarterly billing from SSGA based upon EVOS' total assets in this investment as a percent of the total of all assets in this investment. EVOS' total fee cannot exceed 1.4 basis points in this investment.

#### International Equity Management - Provided by Lazard Frere Asset Management

Amount Invested		Cumulative Assets	Basis Point Fee		
151	\$200 m	\$200,000,000	50		
Next	\$100 m	\$300,000,000	45		
Next	\$100 m	\$400,000,000	40		
Next	\$100 m	\$500,000,000	35		
Next	\$100 m	\$600,000,000	30		
Next	\$100 m	\$700,000,000	25		
Next	\$300 m	\$1,000,000,000	. 20		
Remai	nder	Over \$1 billion	15		

EVOS shall be charged the lowest incremental rate applicable during the billing period after taking into account the total assets held by Treasury in this investment. For example, if the total assets equal \$950,000,000 then EVOS' fee would be 25 basis points.

The incremental rate over the last 24 months has ranged from 15 to 20 basis points. Total assets in this investment are approximately in the \$900-1,000 million range. If the Pension Board were to significantly reduce their investments in this account, the incremental rate would move progressively up (in 5 basis point adjustments). These fees for international are contingent upon the Pension Board's continued relationship with Lazard and their concurrence with Treasury's method of allocating costs of this contract.

Should either fee schedule change, Treasury will notify EVOS of the expected impact on fees to EVOS.

#### RESOLUTION 02-07 OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL REGARDING THE FY 03 WORK PLAN

We, the undersigned, duly authorized members of the *Exxon Valdez* Oil Spill Trustee Council do hereby certify that, in accordance with the Memorandum of Agreement and Consent Decree entered as settlement of <u>United States of America v.</u> <u>State of Alaska</u>, No. A91-081 Civil, U.S. District Court for the District of Alaska, and after public meetings, unanimous agreement has been reached to expend funds received in settlement of <u>State of Alaska v. Exxon Corporation, et al.</u>, No. A91-083 CIV, and <u>United States of America v. Exxon Corporation, et al.</u>, No. A91-082 CIV, U.S. District Court for the District of Alaska, for necessary natural resource damage assessment and restoration activities. The Fiscal Year 2003 Work Plan Phase I is funded at \$3,725,200 as described in Attachment A. The monies are to be distributed according to the following schedule:

Alaska Department of Fish & Game Alaska Department of Natural Resources	2,240,000 329,500
SUBTOTAL TO STATE OF ALASKA	\$2,569,500
U.S. Department of the Interior National Oceanic & Atmospheric Administration	687,300 468,400
SUBTOTAL TO UNITED STATES OF AMERICA	\$1,155,700
TOTAL APPROVED	\$3,725,200

Funds must be spent in accordance with Attachments A and B, with the following conditions: (1) If a Principal Investigator (PI) has an overdue report or manuscript from

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a previous year, no funds may be expended on a project involving the PI unless the report is submitted or a schedule for submission is approved by the Executive Director; (2) a project's lead agency must demonstrate to the Executive Director that requirements of the National Environmental Policy Act (NEPA) are met before any project funds may be expended (with the exception of funds spent to prepare NEPA documentation); and (3) a PI for each project must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements before any project funds may be expended.

By unanimous consent, we hereby request the Alaska Department of Law and the Assistant Attorney General of the Environmental and Natural Resources Division of the United States Department of Justice to take such steps as may be necessary for withdrawal of the Fiscal Year 2003 Work Plan Phase I amount (\$3,725,200) from the appropriate account designated by the Executive Director. Approved by the Council at its meeting of August 6, 2002 held in Anchorage, Alaska as affirmed by our signatures affixed below.

DAVE GIBBONS

Forest Supervisor Forest Service Alaska Region U.S. Department of Agriculture

DRUE PEARCE Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior

FRANK RUE Commissioner Alaska Department of Fish and Game

CRAIG J. TILLERY

Assistant Attorney General State of Alaska

JAMES W. BALSIGER Administrator, Alaska Region National Marine Fisheries Service

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation

Attachments:

- A Funding Distribution
- B Executive Director's Recommendation

solution 02-07 Attachment A EXXON VALDEZ 2003 Federal F October 1, 20

OIL	L TRUSTEE COUNCIL
=1	<sup>•</sup> Year Project Budgets
6	September 30, 2003

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Agency	Cooperating Agency(s)	GEM	Project Number	Project Title	First FY 03 Court Notification		
ADF&G	· · · ·		030052	Tribal Natural Resource Stewardship and Meaningful Tribal Involvement in GEM			
	DOI-USGS, DOI-O/S		030100	Public Information and Administration	950.2		
			030190	Construction of a Linkage Map for the Pink Salmon Genome	54.5		
	· · · · · · · · · · · · · · · · · · ·	G	030210	Youth Area Watch	98.6		
	ADNR, DOI-USGS, NOAA	G	030250	Project Management	50.0		
		G	030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	51.6		
		G	030455	Gulf Ecosystem Monitoring and Research Program Data System	212.9		
		G	030550	Alaska Resources Library and Information Services	95.1		
			030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health (including Bench Fees)	286.7		
		G	030584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	39.3		
	•	G	030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	22.6		
		G	- 030610	Kodiak Archipelago Youth Area Watch	63.0		
		G	020614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	18.1		
	ADNR	G	020630	Scientific Management under GEM	174.8		
		G	030649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	92.5		
		•	·····	ADF&G Total	2,240.0		
ADNR	ADFG, DOI-USGS, NOAA	G	030250	Project Management	10.0		
		G	030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	215.9		
	ADFG	G	030630	Scientific Management under GEM	103.6		
			· · · · · · · · · · · · · · · · · · ·	ADNR Total	329.5		
DOI-NPS	DOI-USGS	G	030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material & Isotopes	4.7		
				DOI NPS Subtotal	4.7		
DOI-FWS	DOI-USGS		030423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	11.5		
		G	030561	Community-Based Forage Fish Sampling	17.0		
				DOI-FWS Subtotal	28.5		

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#### Attachment A solution 02-07 EXXON VALDEZ OIL ...L TRUSTEE COUNCIL 2003 Federal F' Year Project Budgets

October 1, 26 September 30, 2003

Agency	Cooperating Agency(s)	GEM	Project Number	Project Title	First FY 03 Court Notification
DOI-USGS	ADFG, DOI-O/S		030100	Public Information and Administration	139.9
	ADFG, ADNR, NOAA	G	030250	Project Management	27.9
	DOI-FWS		030423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	205.1
	NOAA		030585	Lingering Oil: Bioavailability & Effects to Prey & Predators	15.7
	NOAA		030620	Lingering Oil & Predators: Pathways of Exposure & Population Status	192.3
	DOI-NPS	G	030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material & Isotopes	49.C
				DOI-USGS Subtotal	629.9
D01-0/S	ADFG, DOI-USGS	<u> </u>	030100	Public Information and Administration	24.2
				DOI-O/S Subtotal	24.2
				DOI Total	687.3
NOAA			030012	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	18.1
	ADFG, ADNR, DOI-USGS	G	030250	Project Management	49.7
· · ·	· · · · · · · · · · · · · · · · · · ·		030290	Hydrocarbon Database and Interpretation Service	22.5
· · · ·		1	030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	37.1
			030574	Assessment of Bivalve Recovery on Treated Mixed-soft Beaches in Prince William Sound	36.0
		G	030575	Designing a Community Involvement/Community-based Monitoring Plan for GEM	109.6
	USGS		030585	Lingering Oil: Bioavailability & Effects to Prey & Predators	105.9
		G	030607	Geographic Information Systems (GISs) Map of Water Quality Monitoring Sites Across the Gulf of Alaska	13.1
		G	030625	Prince William Sound Isotope Ecology Synthesis	25.5
·		G	030636	Management Applications: Commercial Fishing	50.9
······································				NOAA Total	468.4
		+	. <u>.</u>	Total	3,725.2

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SPREA	IEET B: TRUSTEE COUNCI	L ACTION (TEX PREAD	OSHEET)	FY 03		WORK F	PL/	- ·
Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	، ، 04 Request	FY 04 Recom.
Oil Spill: Lin	igering Injury				\$428.0	\$151.3	\$52.7	\$52.7
030190	Construction of a Linkage Map for t Pink Salmon Genome	he F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. proj	\$54.5 ject	\$0.0	\$0.0	\$0.0
	Project Abstract	Chief Scientist's Recommend	dation			tee Council A	ction	
experiments c that use a links effects of regio important to th and survival). adults were co cohort produce Likes Creek. I the returning a differences in (e.g., body, siz	al year of a project based upon conducted at the Alaska SeaLife Center age map that was constructed to test for ons of the genome on traits that are ne recovery of pink salmon (e.g., growth In summer 2001, 259 sexually mature bilected in Resurrection Bay from the 1999 ed from wild pink salmon collected from In FY 03, the analysis of the genotypes in adults will be completed to test for genetic marine survival and other life history traits ze, egg number, and egg size) and a final cript will be prepared.	done a good job overcoming unexpected technical challenges. The genome map will be a benefit to a variety of future studies of pink salmon, and will be useful for future pink salmon management in Southcentral Alaska. Based on the proposal, it appears that the data analysis is in the process of completion, and it seems appropriate to provide the principal investigator with funding to complete the identified data analysis and prepare manuscripts.			rsis and manu ject is importa- ink salmon th the work bein to answering nent about ha ample, are hal ay that makes ? Are enough t productivity of	rtant for understanding that affect growth and ing done under this ng questions important natchery/wild fish latchery fish changing es wild fish maladapted h hatchery fish getting y of wild fish? How		
030290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA	Cont'd 12th yr.	\$22.5	\$0.0	\$22.7	\$22.7
	Project Abstract	Chief Scientist's Recommen			Trus	tee Council A	ction	
services for all analysis in sup data represent 1989 to the pro laboratory Nat restoration dat interpretive se releases of the	project provides data and sample archiving I samples collected for hydrocarbon oport of Trustee Council projects. These t samples collected since the oil spill in esent and include environmental and tional Resource Damage Assessment and ta. Additionally, this project provides ervices for hydrocarbon analysis, public e hydrocarbon and pristane databases, nd maintenance of the hydrocarbon res.	This is a small project, but critical to t remaining oil and its fate. Studies that whether the remaining intertidal subs Prince William Sound is contaminatin require the support of this service pro- amount of oil from the spill subsides, the hydrocarbon sources is a question assumes greater importance. This pri- source identification determinations to chemical analyses that are stored in the technical approach is sound, as demonstrated by more than ten years The approach and products from this appeared in many peer reviewed put	at will focus of urface oil in ig the food we oject. As the the identity of n that oject makes based on the the database. has been s of successe study have	n (00195 project eb of hydro studies	, 01195, 0159 provides the ocarbon data	submittal of ov 19) and manus ongoing analy for other Trus	script (0059 sis and inte	18). This erpretation

appeared in many peer reviewed publications.

Fund.

# SPREAMETEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	۱.04 Request	FY 04 Recom.
030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 5th yr. 5 yr. proje	\$37.1 ect	\$0.0	\$0.0	\$0.0

Chief Scientist's Recommendation

#### Project Abstract

Populations are maintained through successful reproduction: this study is designed to determine if exposure to oil impairs pink salmon reproduction. This experiment began in the fall of 1998 when pink salmon eggs were incubated in oil contaminated water. Fish that survived exposure were marked and released in the spring of 1999. They reached maturity at sea and returned to spawn in the fall of 2000. Return rates confirmed previous observations of reduced marine survival among exposed fish, but evaluations of offspring (F1) survival rates did not indicate any reproductive impact. The F1 were incubated in clean water until spring 2001 when they were marked and released. They will mature and return to the hatchery in the fall of 2002 and their reproductive ability will be evaluated by generating an F2 generation. A diminished ability to produce the F2 generation represents a genetic effect of oil transmitted to unexposed generations. Such an effect was demonstrated for similarly treated pink salmon in 1997, but corroborating data do not exist. This project is designed to retest that experiment; if diminished reproductive ability is corroborated, it would demonstrate a significant and unanticipated effect of oil pollution.

#### This is an important project because it rigorously tests the hypothesis that pink salmon have herritable damage expressed as reduced survival. The Trustee Council should complete this project, as it has been fundamental for understanding the damage to pink salmon from the oil spill. The FY 03 work will complete a two-generation experiment started in 1998 with exposure of salmon eggs to oil. Fund.

#### **Trustee Council Action**

Fund closeout of this project contingent on submittal of overdue reports (99347, 01476). This project is validating the effects of oil contamination on pink salmon, thus contributing to our understanding of the injury and recovery status of this injured species.

#### **IEET B: TRUSTEE COUNCIL ACTION (TEX** PREADSHEET)--FY 03 PHASE I WORK PLA SPREA EY 03 EV 03

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	,	FY 04 Recom.
030585	Lingering Oil: Bioavailability and Effects to Prey and Predators	J. Rice, J. Short/NOAA; J. Bodkin, B. Ballachey/USGS; D. Esler/Simon Fraser Univ.	NOAA & DOI	Cont'd 2nd yr. 2 yr. proje	\$121.6 ect	\$0.0	\$0.0	\$0.0

#### Project Abstract

About 20 acres of contaminated beach were found in 2001 surveys of western Prince William Sound conducted under Project 01543. In these areas, sea otters and harlequin ducks have not recovered, raising concerns that continued oil exposure may be affecting their survival. Biochemical assays and mortality patterns apparently still exposed to lingering oil. This is a are consistent with continuing oil exposures, but prior to this study, linkages between oil persistence and impacts remaining in the intertidal and how it may be at higher trophic levels had not been attempted. In this study, shoreline contamination, exposure and effects were examined simultaneously by choosing a common set of sites at which to assess oil persistence and biological impacts on sea otters and harlequin ducks. Fieldwork was conducted in FY 02, and closeout activities, including data analyses and writing of reports and publications, will be done in FY 03. The National Oceanic and Atmospheric Administration's Auke Bay Lab has been leading the studies of oil bioavailability and impacts to prey species; Department of Interior-U.S. Geological Survey has been directing the studies on sea otters and harlequin ducks.

#### **Chief Scientist's Recommendation**

This is a very good to excellent proposal that addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including clams and intertidal fish, sea ducks (harlequin ducks) and sea otters, which are closeout of the two-year project to document oil available to higher trophic levels. The request for funds to analyze oil-exposed bivalves is warranted, as this may establish an exposure pathway to higher trophic levels. The project is related to Project 03620, but the latter project focuses more closely on relating foraging area to exposure. Fund, including funds for additional chemical analyses and sediments. analysis of interstitial water samples.

#### Trustee Council Action

Fund closeout of this project, including funds for additional chemical analyses and analysis of interstitial water samples, contingent on (a) approval of the revised Detailed Project Description, which reflects this additional work and (b) submittal of overdue reports (00195, 00454, 01195, 01599) and manuscript (00598). This project, which integrates studies of sea otters and harlequin ducks with continued assessment of oil persistence, is the product of a workshop convened in 2001 to review results from Project 01543/Evaluation of Oil Remaining in the Intertidal and to identify information gaps. The project's objective is to determine if the signs of continued oil exposure in sea otters and harlequin ducks are linked to the oil remaining in intertidal

# SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

# PREADSHEET)--FY 03 PHASE I WORK PL

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	, . 04 Request	FY 04 Recom.
030594	Development of an Alaska Standard Species for Marine Toxicity Testing The Alaska Green Urchin		ADFG	New 1st yr. 1 yr. proj	\$0.0 ect	\$0.0	\$0.0	\$0.0
Pr	roject Abstract	Chief Scientist's Recomm	endation			tee Coun <b>cil</b> A	ction	
testing procedure species. None o or recommended Agency and othe cold-water test at species to make species is unsatis and this practice of the results. De crude oil compor dispersants and l developing the A	e using cold water and an Alaska of the standard test procedures required d by the Environmental Protection er environmental regulators use animals. Use of typical warm-water e decisions about Alaska conditions and isfactory from a scientific standpoint, e also interferes with public acceptance becisions requiring toxicity testing include nents and cleanup chemicals, such as beach cleaners. This project proposes Alaska green urchin as a test species. ertilization and embryo development are	The core tasks in this proposal har done and extensively published by colleagues at the University of Wa the 1980s. The project also has lin restoration. Do not fund.	Dinnel and his shington during		fund based o nendation.	n Chief Scient	ist's	

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#### SPREA **IEET B: TRUSTEE COUNCIL ACTION (TE)**

## PREADSHEET)--FY 03 PHASE I WORK PL/...

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	⊢, 04 Request	FY 04 Recom.
030620	Lingering Oil and Predators: Pathways of Exposure and Population Status	S. Rice, J. Short, M. Lindeberg/NOAA; J. Bodkin, B. Ballachey/USGS-DOI	NOAA & DOI	New 1st yr. 2 yr. proje	\$192.3 ct	\$151.3	\$30.0	\$30.0

#### **Project Abstract**

#### **Chief Scientist's Recommendation**

Lingering oil and continued effects to sea otters and sea ducks are the most surprising and best documented long term impacts of the oil spill. Strong evidence is accumulating which implicates lingering oil as a factor constraining recovery of the nearshore ecosystem in western Prince William Sound. Acute and chronic contamination of sediments and prey species were well documented during the years following the spill. Twelve years later, elevated biomarker levels in sea otters and sea ducks have indicated continued exposures to hydrocarbons. Evidence implicating a route of exposure to date has been largely circumstantial. However, in 2001 and 2002, extensive sampling was undertaken to document the distribution, abundance, and bioavailability foraging activities to the contamination of the forage of lingering oil along those shorelines most heavily impacted by the spill. This has paved the way for identifying specific areas where sea otters and sea ducks could be currently foraging and exposed to lingering oil. This project is an outgrowth of the earlier studies and will focus on the direct pathways of lingering oil to sea otter and sea duck populations in two heavily impacted bays in the western sound.

This is an important project for understanding the lingering effects of the oil spill in some of the most heavily oiled localities from 1989. It is a very good to excellent proposal that addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including sea ducks (harlequins) and sea otters, which have not recovered from the effects of the spill and are apparently still exposed to lingering oil. There is some concern about the experimental design for the prey base study (the National Oceanic and Atmospheric Administration (NOAA) component), particularly being able to relate the location of base. The means of contamination--eating versus external contact -- is also a question. Fund USGS on funding NOAA component pending consultation with the peer review team.

#### Trustee Council Action

Fund USGS (U.S. Geological Survey) component on sea otters and harlequin ducks (\$192,300); defer decision on funding NOAA (National Oceanic and Atmospheric Administration) component on habitat and lingering oil (\$151,300) pending a workshop to be held Fall 2002 on the results to date from Project 03585/Lingering Oil: Bioavailability and Effects to Prey and Predators. If funded, funding for the NOAA component will be contingent on submittal of the principal investigators' overdue reports (00195, 00454, 01195, 01599) and manuscript (00598) from prior years. This project follows on Project 02585, which is integrating studies of sea otters and harlequin ducks with findings of the lingering oil survey conducted Summer 2001 (Project 01543). The project is designed to address additional objectives related to the potential (U.S. Geological Survey) component; defer decision effects of remaining intertidal oil deposits -- specifically in regard to the food web--on sea otters and harlequin ducks, both of which have not recovered from the oil spill and are apparently still exposed to lingering oil.

SPREA	EET B: TRUSTEE COUNCI Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	PLA . 04 Request	FY 04 Recom.
Oil Spill: Reco	overy Monitoring				\$340.8	\$25.0	\$18.2	\$0.0
030012	Photographic Monitoring of Residen Killer Whales	t C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 11th yr.	\$18.1	\$0.0	\$18.2	- <u></u>
pod of killer what cooperative prog various foundatio yearly basis sinc	ram with the Alaska SeaLife Center and ons. Monitoring has occurred on a e 1984; this long-term data set was ting the oil spill effects on killer whales.	This project will monitor an important I pod. Killer whales are a top trophic-lev species that is dependent on the integ marine ecosystem. Killer whales are a increasingly important species for tour industry that is worth many millions of year. The killer whale population in th Alaska has been increasing and overa population appears to be healthy. How pod declined precipitously at the time and, for a time after the spill, appeared danger of complete disintegration. Th grown since about 1994 and pod disin seems less likely. The continuation of monitoring project will provide continu the status of the AB pod. Fund, lower	el, sentinel rity of the ilso an sm, an dollars per e Gulf of Il the vever, the Al of the spill I to be in e AB pod ha tegration nov this ng data about	manuso niche p beyond reduceo sources for cont William 3	cripts funded artitioning). A I has not yet b d from earlier s of funds ava	tingent on cor in prior years A decision on f een made. F years to reflec ilable to the p ring of killer w Cenai Fjords.	(mating sys funding in F unding in F ct the additi rincipal inve	stems and Y 04 and Y 03 is ional estigator

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#### **IEET B: TRUSTEE COUNCIL ACTION (TE)** SPREA

# PREADSHEET)--FY 03 PHASE I WORK PL/

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	, . 04 Request	FY 04 Recom.
030462	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 5th yr. 5 yr. projec	\$0.0	\$25.0	\$0.0	\$0.0

**Chief Scientist's Recommendation** 

the pelagic ecosystem. This study has contributed

much to our understanding of disease expression in

herring. In the opinion of the reviewers, most of the

contributions already made to the literature and to

the management of the herring fishery by work on

the VHS (viral hemorrhagic septicemia) virus. The

substantial investment of further research money in

sample processing for determining the presence of

However, a modest contribution of matching funds

to a larger effort would be in order. Fund at level of

reviewers feel there is insufficient justification for

Herring remain one of the key non-recovered

species and are of substantial commercial

#### Project Abstract

In spring 2001, prevalence of Ichthyophonus hoferi (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in importance, in addition to being a key component of any year studied (1989-2000). I. hoferi causes severe. disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, I. value of this project has been obtained through the hoferi was not associated with unexpected declines in population biomass, but during the last century increases in I. hoferi prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 I. hoferi outbreak, this project will analyze samples already collected in fall 2001 and spring 2002 as part of Project 02462.

030558

Harbor Seal Recovery: Application of S. Atkinson/UAF New Technologies for Monitoring Health

\$25,000 if matching funds are obtained.

a second pathogen (Ichthyophonus hoferi).

#### Trustee Council Action

Defer decision on funding this project until November. pending contribution of funds from non-EVOS sources to carry out the project as proposed. This project, which has made an important contribution to management of the herring fishery, will complete its work on viral hemorrhagic septicemia in FY 02 (Project 02462). The proposer has requested funds to conduct new work on Icthyophonus hoferi in FY 03. The reviewers consider the organ-by-organ pathobiological study proposed to be of lower priority at this stage of the restoration program, but a modest contribution of \$25,000 to the project may be worthwhile. Deferring the project until November will provide the proposer an opportunity to secure funds from other sources. The project objective is to determine whether disease continues to limit recovery of the Prince William Sound herring population.

Cont'd	\$286.7
3rd yr.	
<b>n</b>	

3 yr. project

Cont'd

ADFG

#### Trustee Council Action

\$0.0

\$0.0

\$0.0

Fund; previous concerns about the pace of assay development have been addressed and budget questions have been resolved. FY 03 was to be this project's closeout year (data analysis and final report writing only) but additional sample collection--and the corresponding bench fees for housing the research animals at the Alaska SeaLife Center--has also been proposed and is recommended for funding along with closeout activities. This project is employing new technologies at the Alaska SeaLife Center to assess and monitor the health of harbor seals. [Note: The funding amount includes \$167,600 for Alaska SeaLife Center bench fees.]

#### **Project Abstract**

This study is a continuation of the study to assess the potential for new technologies to monitor the endocrine and immune systems for the health of harbor seals. During year one, baseline samples were collected from both permanently captive and rehabilitation seals at the Alaska SeaLife Center. Analysis of thyroxine (T4), triiodothyronine (T3), and cortisol (metabolic and gluconeogenic hormones), and measurement of immunoglobulins (IgG, IgM, and IgA) and organochlorine contaminants are currently being assessed. Cell lines to quantify immunoglobulins have been initiated, and baseline hormones have been established. FY 03 will compare the profiles of free-ranging seals and those failing to thrive in their environment in an effort to restore this species.

#### **Chief Scientist's Recommendation**

This is an excellent proposal investigating contaminant effects on reproductive biology of harbor seals. Previous concerns about the pace of assay development have been addressed and the project is on track to complete its objectives. Fund.

# SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

## PREADSHEET)--FY 03 PHASE I WORK PL,

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	04 Request	FY 04 Recom.
030574	Assessment of Bivalve Recovery or Treated Mixed-Soft Beaches in Prin William Sound		NOAA	Cont'd 2nd yr. 2 yr. proj	\$36.0 ect	\$0.0	\$0.0	\$0.0
Studies from 19 assemblages or high-pressure he damaged in term This project will injury to these a conclusions are considerable pro areas of the sou these beaches a ability to support	Project Abstract 089 through 1997 suggest that bivalve In beaches in Prince William Sound with not-water washing remain severely ms of species composition and function. assess the generality of this apparent assemblages. A finding that our accurate will indicate that a oportion of mixed-soft beaches in treated und remains extremely disturbed and that are functionally impaired in terms of their t foraging by damaged nearshore ators such as sea otters and harlequin	Chief Scientist's Recommenda This is the second and final year of fun intertidal project. The need for this wor been recognized in the Restoration Pla until last year did an affordable project Fund.	ding for this k has long in, but not	initiated Adminis continu of impo	oseout of this I under the Na stration's HAZ ing effects of rtant bivalves	tee Council A project, which ational Ocean MAT program shoreline clean thus allowing arger geograph	n will exten ic and Atmo it to docume inup on pop g the result	ospheric ent oulations

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SPREA	Project Title	Proposer	SHEET)	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	. 04 Request	FY 04 Recom
Oil Spill: Ecos	system Recovery & Function				\$216.6	\$148.9	\$0.0	\$0.0
030423	Patterns and Processes of Populati Change in Selected Nearshore Vertebrate Predators	on J. Bodkin, B. Ballachey/USGS-BRD, D. Esler/Simon Fraser Univ.	DOI	Cont'd 5th yr 5 yr. pro	\$216.6 ject	\$0.0	\$0.0	<b>\$</b> 0. <b>0</b>
from the oil spill, differences betw oiled areas, both P4501A, almost to oil. This proje exposure and the intent of understa these species ar The results also recovery of the s work has consist species, and a c Proposed activiti final year of hark exposure and su	arlequin ducks have not fully recovered based on population-level demographic reen oiled and unoiled areas. Further, in a species show elevated cytochrome certainly reflecting continued exposure ect is exploring links between oil e lack of population recovery, with the anding constraints to full recovery of nd the nearshore environment generally. serve to monitor the progress of species and the system. To date, the ted of field components for both captive component for harlequin ducks. ies for FY 03 include (a) the third and equin duck field studies quantifying oil urvival of females during winter and (b) roject components and preparation of	This is a high quality project that has r outstanding contributions to the EVOS Vertebrate Predator (NVP) program (F 99025). Sea otters and harlequin duc shown ongoing injury. The experimen harlequins to derive dose-response re especially valuable (although procedu challenging). Fund closeout of sea ot as proposed; fund an additional year of field work/data collection in order to de there is a link between P4501A expos survival of individual female harlequin	Nearshore Project ks have tal work with sults is cally er component f harlequin etermine if ure and	sea otte the rev compo the pro appare meet p nt extension (Project otters a include	er component iewers in rega nent have bee ject's FY 02 p nt that a third roject objectiv ion of the Nea t 99025) work and harlequin es closeout ac writing) for bo	al, which redu slightly. The ard to the harle en addressed year of field s year of field s yes. This proje arshore Verteb on two still-in ducks. The F tivities (final d th the sea otte	questions r equin duck through a r ultsit is no tudy is neco tot is an imp rate Predat jured speci Y 03 fundin ata analysis	aised by eview of ow essary to portant for project es, sea g request s and

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#### HEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA SPREA rv 02 rv 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	04 Request	FY 04 Recom.
030587	Understanding the Cellular Processes of Recovery and Its Utility in Oil-Spill	C. Downs/EnVirtue Biotechnologies, Inc.	NOAA	New 1st yr.	\$0.0	\$148.9	\$0.0	\$0.0
	Restoration Efforts Project Abstract	Chief Scientist's Recommendation	n	1 yr. projec		tee Council A	ction	

This project will elucidate the cellular and genomic mechanisms that affect the rate of recovery in bivalve species impacted by the oil spill. The project will (a) determine the adverse affects of a long-term oil-spill exposure on specific processes of cellular physiology and genomic integrity that could potentially impede or slow the rates of recovery in populations of Protothaca staminea and (b) determine the link between cellular-physiological condition with PAH-body burden in these two species of bivalves by characterizing these parameters in populations from sites that exhibit different levels of oil contamination. Completion of this work may provide a foundation to address questions critical to the issue of variable rates of recovery in both invertebrate and vertebrate species in oil-impacted areas. It will provide new and powerful tools to improve monitoring methodologies, as well as potentially providing valuable information for restoration efforts.

This project will apply a battery of biomarkers to determine the sublethal impact of residual oil to mollusk physiology. Some interesting data is presented in the proposal. However, there is no proof of principle for the effects postulated, the proposal lacks a strong justification from the existing biomarker literature, and it is not entirely clear how experienced the investigators are in this area. In light of the preliminary data submitted in the proposal, however, the investigators should be encouraged to address these weaknesses in a revised proposal. Defer pending submittal and review of a revised Detailed Project Description that addresses the peer reviewers' concerns.

Defer decision on funding this project until November pending submittal and review of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns (proof of principal, reference to existing biomarker literature, and principal investigators' experience) and (b) a revised budget that clarifies (and probably reduces) contractual and travel costs (the amount in the recommended column above is a placeholder). This project is designed to determine the sublethal impact of residual oil to mollusk physiology and how exposure to residual oil might be slowing recovery of mollusks.

# SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

# PREADSHEET)--FY 03 PHASE I WORK PL/

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, , 04 Request	FY 04 Recom.
GEM Cross-Ha	abitat Linkage: Synthesis		w		\$254.5	\$0.0	\$214.3	\$184.8
G-030600	Synthesis of the Ecological Finding from the EVOS Damage Assessme and Restoration Programs, 1989-20	ent al	et ADNR	Cont'd 2nd yr. 3 yr. proj	\$215.9 ect	\$0.0	\$184.8	\$184.8
Pr	<u>oject Abstract</u>	Chief Scientist's Recommend	ation		Trus	tee Council A	ction	
This project is synthesizing the results from 12 years of post-spill study in the EVOS damage assessment and restoration programs in the context of anthropogenic and natural factors causing change in the northern Gulf of Alaska ecosystem. The result of the work will be an integrated synthesis book. The book will consist of three major sections: (a) the basic structure and function of the ecosystem, (b) how it changes over time and how it responds in disturbances, and (c) the effect of the spill: how our understanding of the ecosystem. The book will be a major product of the EVOS restoration program and help set the foundation for GEM.				cade's worth of synthesis will the public abor- rous yet read- for GEM. A completed shorthy cill for commer should work ce in designin re that it will be municating the	of science f fulfill at leas out the EVC able volume detailed out y and will be nt. In additi closely with g the multin te a useful t e results of	ollowing st two DS legacy e and (b) line for the e supplied on, the the nedia cool for		
G- 030607	Geographic Information Systems ( Map of Water Quality Monitoring Si Across the Gulf of Alaska		NOAA	New 1st yr. 1 yr. proj	\$13.1 ect	\$0.0	\$0.0	\$0.0
Pr	oject Abstract	Chief Scientist's Recommend	ation			stee Coun <mark>cil A</mark>	ction	
comprehensive ( map and databas Alaska. This ma be linked to CIIM Management and and STORET, th easily updated ar as well as policy public. This map as a lasting tool f Gulf of Alaska's r monitoring efforts	synthesize existing data to create a Geographic Information Systems (GIS) se of monitoring sites across the Gulf of ip will be published in hardcopy and will IMS (Cook Inlet Information d Monitoring System, Project 01391) rough which the map and data can be nd made available to monitoring entities makers, scientists, and the general o and the accompanying data will serve for the restoration and protection of the resources by coordinating diverse s and establishing a framework into n about current and future monitoring e entered.	This proposal will create a database a water quality sites in the Gulf of Alaska database will be useful in meeting GE Fund contingent on clarification by the the geographic area to be included (th should include the entire geographic a encompassed by the GEM program).	a. Such a M objectives proposer of e database	geograp databas encomp create a (includir parame of Alask CIIMMS Monitor	ohic area to b se should incl bassed by the a GIS map of ng physical, c ters) by ident (a and incorp b (the Cook In ing System c	clarification by be covered by lude the entire e GEM progra water quality chemical, and tifying existing orating this in olet Informatio reated under seful for GEM	the project geographi m). This pro- monitoring biological sites across formation in m Manager Project 013	(the c area oject will sites ss the Gulf nto ment and

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# IEET B: TRUSTEE COUNCIL ACTION (TE) PREADSHEET)--FY 03 PHASE I WORK PLA

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Proj.No.	Project Title	Proposer	Agency	Cont'd	8/6/02	11/25/02	Request	Recom.
G-030625	Prince William Sound Isotope Ecolo Synthesis	ogy T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. proj	\$25.5 ect	\$0.0	\$0.0	\$0.0
	ject Abstract	Chief Scientist's Recomme	endation		Trus	tee Council A	<u>ction</u>	
present structure William Sound thr with tentative title: structure of the pe Sound, Alaska". will be useful beca	rovide a 'big picture' synthesis of the of the pelagic ecosystem of Prince ough preparation of a scientific paper "A stable isotope based trophic elagic community of Prince William The documentation of a 'before picture' ause the recently documented regional composition is likely to alter pelagic luring GEM.	The proposed synthesis could be a product, and the principal investiga the most knowledgeable individual synthesis. Fund revised proposal, w the cost of the project to a more ap	tor is certainly to prepare this vhich reduces	scope a This pro pelagic stable is and ana previous Ecosyst	and budget as bject will prep- ecosystem of sotope ratio d alyzed by the s EVOS proje tem Assessm	al, which redu directed by the are a synthesis Prince Willia ata from biota principal invest cts (Project 9 ent; Project 0 Structure and	ne Chief Sc is manuscri m Sound, L i samples c stigator und 8320/Soun 1393/Prince	ientist. pt on the ising ollected er d
G-030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 2 yr. proj	\$0.0	\$0.0	\$29.5	\$0.0
Pro	ject Abstract	Chief Scientist's Recomme	endation	<b>2</b> Ji. pi <b>0</b>		tee Council A	ction	
ontogenetic increa walleye pollock su processes when a analysis of archive multiple trophic le larger pollock can those that are age that pollock of this cannibalism. Poll being removed fro discovery of a mo SEA project (Sour /320.) The propose will be useful to G effectively removed	Anthesize information that suggests ases of the trophic position of the uch that they contribute to top-down >600mm in length, using stable isotope ed samples and data. Pollock feed at vels depending on their size, with nibalizing smaller pollock, especially e-0. Preliminary analysis suggested is size range have a high potential for ock of this size range are presently om Prince William Sound since the stly undisturbed population during the nd Ecosystem Assessment, Project sed documentation of a 'before picture' EM, because fishing pressure may e the larger size class pollock from the pened in the Bering Sea.	This proposal from qualified investi present a convincing case that con can be adequately controlled to res questions it poses. The potential co restoration objectives is thus likely not fund.	founding factors olve the ontribution to	recomn analysis pollock express the proj	fund based on nendation. The s to examine to under different sed concern a ect and whether	n Chief Scient his project wor the trophic po nt conditions. bout the expe ner unambigu ethods propo	ist's uld use stal sition of wa The reviev erimental de ous results	lleye vers esign of

# SPREACHEET B: TRUSTEE COUNCIL ACTION (TEXEPREADSHEET) -- FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	, , 04 Request	FY 04 Recom.
GEM Cross-H	abitat Linkage: Community Involve	ment			\$369.2	\$150.5	\$340.0	\$0.0
G-030052	Tribal Natural Resource Stewardship and Meaningful Tribal Involvement in GEM	P. Brown- Schwalenberg/CRRC	ADFG	Cont'd 9th yr.	\$30.1	\$150.5	\$192.6	

#### Project Abstract

#### **Chief Scientist's Recommendation**

In FY 03, this project will focus on four objectives: (a) establishing Core Action Plans for the Tribal Natural Resource Plans being developed in FY 02. (b) identifying priority regional and community-specific research and monitoring issues and concerns and fitting them to community-based research and monitoring activities, especially those related to GEM, (c) conducting a "Wisdomkeeper Series" for discussing and sharing research and monitoring issues with selected biologists, scientists, elders, and traditional knowledge experts, and (d) developing pilot community-based research and monitoring projects for potential implementation in FY 04. Communities involved in the project are Tatitlek, Chenega Bay, Port Graham, Nanwalek, Cordova/Evak, Seward/Qutekcak, Seldovia, Valdez, Kodiak Island Region/Ouzinkie, and the Alaska Peninsula Region/Chignik Lake.

The Trustee Council has committed to community involvement in both the GEM and ongoing oil spill programs. This proposal cannot be fully evaluated until the Tribal Natural Resource Plans scheduled for completion in FY 02 from this project have been reviewed by the Trustee Council. These need to be reviewed for their content, relationship to GEM, and community commitment to implementation of the plans. Defer funding pending receipt of these plans.

#### **Trustee Council Action**

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EV 03

Fund interim amount--\$30,100 for Resource Program Planner first guarter salary (\$15,000), WisdomKeeper Workshop scheduled for November (\$7,000), tribal participation in GEM planning meetings (\$2,000), and related overhead (\$3,600) and general administration (\$2,500) costs; defer decision on balance of funding pending a review of FY 02 results (completion of Tribal Natural Resource Plans; tribal participation in technical workshops/training sessions: communication of EVOS results to villages). The Detailed Project Description and budget need to be revised to more directly build on the work performed in FY 02 and to avoid duplication with Project 03575, Designing a Community Involvement/Community Based Monitoring Plan for GEM. The overall goal of this project--community involvement and development of local stewardship capacity--is a priority of the Trustee Council and an essential component of GEM.

# SPREAD HEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	04 Request	FY 04 Recom.
G-030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0. <b>0</b>	\$85.6	

**Chief Scientist's Recommendation** 

#### Project Abstract

This project links students in the oil spill impacted area with research and monitoring projects funded by the Trustee Council. The project involves students in the restoration process and provides these individuals the skills to participate in restoration now and in the future. Youth conduct research identified and delegated by principal investigators who have indicated interest in working with students. Youth Area Watch fosters long-term commitment to the goals set out in the restoration plan and is a positive community investment in that process. Participating communities in FY 03 will be Tatitlek, Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Valdez, and Whittier,

This project is a success story for community involvement in EVOS research, through the participation of young people in the public school system. The proposers recognize EVOS projects will be changing with implementation of GEM and are willing to adapt. The proposers also have done an excellent job of obtaining supplemental funding and reducing reliance on EVOS funding. However, the proposal provides insufficient information to judge progress. It could be strengthened with greater attention to the results of prior efforts, such as Youth Area Watch students choosing to pursue higher education in science. In addition, the annual reports are not a useful gauge of program accomplishments and progress, so accountability is lacking. By contrast, the Kodiak Youth Area Watch annual reports (Project /610) provide specific information on accomplishments, problems encountered and solutions. Fund contingent on receipt of a revised annual report (01210) that indicates that satisfactory progress is being made.

#### Trustee Council Action

Fund contingent on submittal and review of (a) a revised FY 01 annual report (01210) that addresses the Chief Scientist's concerns and (b) a satisfactory annual report for FY 02 (02210). Youth Area Watch involves local youth in restoration projects. In FY 03, youth in Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Tatitlek, Valdez, and Whittier will participate.

# SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

# PREADSHEET) -- FY 03 PHASE I WORK PL/

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	04 Request	FY 04 Recom.
G- 030561	Evaluating the Feasibility of Develop a Community-Based Forage Fish Sampling Project for GEM	bing D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. proj	\$17.0 ect	\$0.0	\$0.0	\$0.0
This project will on evaluating the feat community-base The work in FY 0	oject Abstract close out Project 02561, which is asibility of developing a d forage fish sampling project for GEM. 3 will consist of compiling and ation collected during FY 02, and writing	Chief Scientist's RecommendationTrustee Council ActThe concept of this projectcommunity-based sampling of predator fish to monitor their prey (forage fish)is scientifically sound and economically viable. It addresses GEM's objectiveFund closeout of this project, which is communities to explore involving loc long-term forage fish monitoring stud builds on work successfully begun unities			n is visiting spill-area ical residents in udies. This effort under APEX (Alaska Project 99163). It will sibility of ms in general, and EM transition. It interest in this project ght be gathered chniques and in regard to			
G-030575	Designing a Community Involvement/Community-Based Monitoring Plan for GEM	M. Sigman/Center for Alaska Coastal Studies, et al	in NOAA	New 1st yr. 1 yr. proj	\$109.6 ect	<b>\$</b> 0.0	\$0.0	\$0.0
Pr	oject Abstract	Chief Scientist's Recomme	endation			stee Council A	ction	
This project will design and produce a draft GEM community involvement and community-based monitoring plan to address the needs of diverse communities in the region. This initiative will be informed by (a) a case history review of working models of community-based monitoring efforts relevant to the GEM conceptual foundation, (b) a regional capacity assessment to identify potential partnerships, (c) issues and indicators as identified by Chugach Regional Resource Commission's Tribal Natural Resource Planning Process and other community planning processes. Recommendations will include identifying new approaches to melding Western science and local and traditional knowledge and pilot community-based monitoring projects.		This project promises to produce a review of other similar programs, un regional capacity assessment, iden indicators from Chugach Regional I Commission's Tribal Natural Resou- identify new approaches to link wes local ecological knowledge. These address a very important aspect of program. Despite some problems ( clarity in portions of the proposal), to proposal. Fund.	ndertake a htify issues and Resource urce Plans, and stern science an deliverables will the GEM lack of detail an	<ul> <li>nd planning; \$51,800). This project addresses the T</li> <li>II Council's interest in a strong and meaningful role</li> <li>community involvement/community monitoring in</li> </ul>				t on y view, and ne Trustee role for g in GEM. arlier years Traditional different munity of specific r focus this project add Homer

#### **IEET B: TRUSTEE COUNCIL ACTION (TE)** SPREA

## PREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, r 04 Request	FY 04 Recom.
G-030610	Kodiak Archipelago Youth Area Watch	T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 4th yr.	\$63.0	\$0.0	\$61.8	

#### Project Abstract

#### **Chief Scientist's Recommendation**

#### This project will engage students in projects with goals aligned with the general restoration efforts of the Trustee success, including influencing the curriculum of the Council. Students and site coordinators will conduct interviews with local experts and document traditional ecological knowledge, publishing it in a Kodiak School District oral history magazine. Participation of Youth Fund. Area Watch adults and students in the annual Academy of Elders/Science Camp will be strongly encouraged. Such participation will serve as another avenue for more tribal members to learn about restoration efforts. scientific monitoring techniques, and occupations related to such work. The value and implications of traditional ecological knowledge will be strongly emphasized throughout the implementation of the project.

This ongoing project has shown solid evidence of Kodiak School District, and has attracted additional funding from other sources. This popular and successful program is achieving its objectives.

#### **Trustee Council Action**

Fund. This project, which involves local youth in restoration projects, addresses the Trustee Council's commitment to community involvement in GEM. In FY 03, students in Akhiok, Old Harbor, Port Lions, Ouzinki, Chiniak, and Kodiak City will participate.

#### PREADSHEET)--FY 03 PHASE I WORK PLA IEET B: TRUSTEE COUNCIL ACTION (TEX SPREA EV 03 EV 03

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	. J4 Request	FY 04 Recom.	
G-030636	Management Applications: Commercial	K. Adams, R. Mullins/Cordova	NOAA	Cont'd	\$50.9	\$0.0	\$0.0	\$0.0	
	Fishing			2nd yr. 2 yr. proje	ct				

#### Project Abstract

This project is intended to build a bridge between the scientific community, which is describing and attempting to predict variation in biological production, and the commercial fishing community, which is attempting to find management applications for this new information. In addition, the project seeks to provide community presence to participate in development of GEM.

#### Chief Scientist's Recommendation

The need for a "bridge project" between science and users, related to EVOS, is quite clear. If the project can identify useful applications from EVOS-based science it will be money well spent. One important criterion of success will be the ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The project is off to a strong start in FY 02 with two successful meetings with in Cordova. Prospects for serving the needs of those who depend on resources damaged by the oil spill are very good. Prospects for success are improved with the proposed creation in FY 03 of an advisory science panel, for which commitments have already been obtained from four persons knowledgeable in the academic and professional side of natural resource management and/or oceanography. Fund.

#### Trustee Council Action

Fund FY 03 only; the proposers have obtained the participation of a panel of scientific advisors, as recommended by the Chief Scientist. In FY 02 this project formed a Prince William Sound Fisheries Research Applications and Planning Group to provide a forum for developing fisheries management applications for all interested parties (Cordova District Fishermen United, Alaska Department of Fish and Game, Prince William Sound Aquaculture Corporation, Valdez well-documented outcomes and setting up an office Fisheries Development Association, commercial fishers, and others). The objectives of this group in FY 03 are to (a) identify a fisheries relevant subset of EVOS projects. (b) develop criteria and guidelines for making information gathered by GEM relevant for fisheries management and shore-based communities, and (c) develop a plan showing the cycle of movement from basic science to management application. At the end of FY 03, the success of the project will be evaluated and a decision made on whether to continue the project into future years. As recommended by the Chief Scientist. one measure of success will be the project's ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The EVOS program can benefit from the commercial fishing community's perspective on restoration results and interaction with fishers on how to incorporate the results into fisheries management practices. In addition, the project could form a foundation for working with Prince William Sound fishers as GEM develops.

# SPREACHEET B: TRUSTEE COUNCIL ACTION (TEXEPREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	04 Request	FY 04 R <b>ec</b> om.
GEM: Watersh	hed Habitat				\$115.1	\$0.0	\$26.6	\$26.6
G- 030596	Securing Flow Data for a Lower Ke Peninsula Salmon Stream	nai J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. proj	\$22.6 ect	<b>\$0</b> .0	<b>\$0</b> .0	\$0.0
Project Abstract Since August 1998, Cook Inlet Keeper and the Homer Soil and Water Conservation District have been collecting discharge and water quality data from four important salmon streams on the lower Kenai Peninsula: Ninilchik River, Anchor River, Deep Creek, and Stariski Creek. With the loss of funding, the U.S. Geological Survey (USGS) no longer can maintain the Ninilchik River gauge. Keeper, Homer Soil and Water Conservation District, Ninilchik Traditional Council and others depend on this gauge for the flow data needed to achieve a complete picture of water quality in these watersheds. This project will provide funds for Keeper to contract with USGS to maintain the gauge for one year, during which time long-term funding will be secured.			for "bridge nt loss of a freshwater spected to be	funds av 2002-Se proposa cover th for the p the cost covered provide the Ninii perman Inlet Ke quality of Departin as at hig having a key eler nearsho and the resource	evised propos vailable for th eptember 200 al also include ne costs of rel period May-So t of operating d by the U.S. interim fundi- interim	stee Council A al, which clarif be gauge's FY 03) operation. es a small amo trieving and pr eptember 200 the gauge du Geological Su ng (FY 03 only tream-flow gau funding sour in this gauge in ik River, which onmental Con nonpoint source or data collect rstanding the ents of the spi h and production, herring, and cted by the oil	fies the ma 03 (Octobe The revise ount of func- rocessing g 2 and clarif ring this pe rvey. This p y) for maint uge while a rce is sough monitoring the Alaska servation h ce pollution ion. Water watershed a Il-impacted ivity of such sea otters	er ed ding to lauge data ries that riod will be project will enance of ht. Cook g the water a and as quality is a and region

SPREA	HEET B: TRUSTEE COUNC	Proposer	E <b>ADSHEET)</b> Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, , 04 Request	FY 04 Recom.
G-030649	Reconstructing Sockeye Population the Gulf of Alaska over the Last Ser Thousand Years		ADFG	Cont'd 2nd yr. 3 yr. proje	\$92.5 ect	\$0.0	\$26.6	\$26.6
This project is re salmon abunda <sup>15</sup> N record left by spawning lakes Fjords, the Kena Island. The res variability in soc Alaska and how Gulf of Alaska re valuable backgr GEM and for fis	Project Abstract econstructing changes in sockeye nce over the last 5,000 years using the y salmon carcasses in the sediments of in Prince William Sound, the Kenai ai River watershed, and on Kodiak earch question is: What is the normal keye salmon populations in the Gulf of y does it relate to climatic changes in the egion? The results will provide a yound for future monitoring studies within heries managers working to preserve ural salmon runs.	Chief Scientist's Recommendation This outstanding project is reveaure record of sockeye salmon abund northern Gulf of Alaska. Previous investigators has established the salmon abundance with PDO (Pa oscillation) variations on the deca importance of this work is that it longer record of PDO variation the historical record compiled during The project is being executed wit scientific standards. Fund, include addition of three other Kenai Per	ling a 3,500 year lances in the s work with other correlation of acific decadal adal scale. The describes a much han the European the 20th century. th the highest ling the proposed	from Hic the Ken retrospe lakes in about he	cluding new Iden Lake, S ai Peninsula. ctive study o the spill regio	tee Council A objectives rela kilak Lake, an This project f sockeye abu on and develo n the atmospl tions.	ated to core d a control is conductir indance in ping hypoth	lake on ng a certain neses
GEM: Intertid	al/Subtidal Habitat				\$93.0	\$0.0	\$0.0	\$0.0
G- 030584	Evaluation of Airborne Remote Ser Tools for GEM Monitoring	sing E. Brown/UAF, J. Churnsi	de/NOAA ADFG	Cont'd 2nd yr. 2 yr. proje	\$39.3 ect	\$0.0	\$0.0	\$0.0
This is the year- FY 02. The ma remote sensing of the data colle of (a) a pulsed I maximum of 50 Sea Surface Te digital video sys birds, mammals structure, and (a and mammals a	Project Abstract -two completion of a project initiated in in objective is an evaluation of airborne tools for GEM ecological interpretation ected. The instrument package consists idar to map subsurface features to a m, (b) an infrared radiometer to map emperature (SST) day, (c) two three-chip etems to map ocean color (chlorophyll), s, surface fish schools, and ocean frontal d) an infrared digital video to map birds at night. Shipboard and buoy data will be ion and interpretation of remotely sensed	Chief Scientist's Recom Monitoring forage fish abundanc the GEM program. This is a high project to do such monitoring, an risky than others. However, it de through the proposed development pay-off of success would be great	e is a challenge fo ly innovative ad is therefore mor eserves support ent phase, as the	remote e GEM. 1 challeng efficient	oseout of this sensing instru- 'his highly inr jing question ly monitor for ogram. If the	tee Council A project, whic umentation as novative proje , which is how age fish abun e project is su	h is exploring a monitori ct is working to effective dance und	ng tool for ig on a ely and er the

data.

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	Lead New or Approved Deferred to , 04	FY 04

Proj.No.	Project Title	Proposer	Agency	Contid	8/6/02	11/25/02	Request	Recom.
G-030656	Retrospective Analysis of Nearshore	G. Irvine/USGS, J. Schaaf/NPS, D	DOI	Cont'd	\$53.7	\$0.0	\$0.0	\$0.0
	Marine Communities Based on Analysis of Archaeological Material and Isotopes	sis Mann/UAF, J. Southon/Univ. Calif.		2nd yr. 2 yr. project	t			
Project Abstract		Chief Scientist's Recommendation	<u>on</u>		Trustee Council Action			
patterns of productivity and relative species abundances i		s pilot project has the potential to proc ovative data of great interest and relev	ance to	Fund closeout of this project contingent on submittal o overdue report (99459). A portion of the increase				ease
the second second state that a supervisition of a second state of the second state of		f(f(r, 000)) is fixed we have been as the second						

in nearshore, intertidal communities via retrospective analyses. These analyses will focus on excavated midden remains of very rich, well-dated archaeological sites along the Katmai National Park and Preserve coast. Changes in nearshore marine communities will be assessed through examination of relative species abundances, size-frequency analysis, and other indicators of habitat changes. Isotopic analysis of shells needed expertise to the project team. Fund. will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.

understanding natural variation in ocean systems and the human use of resources over long time frames. The originality of this work is very high. although there is a risk that the coarse temporal resolution of the method will prevent precise conclusions. The addition of funds for a paleoceanographer is justified in order to add

(\$15,900) in funding over the expected amount is due to a delay in the stable isotope analyses scheduled for FY 02: an equivalent amount of funds will be lapsed back to the Trustee Council at the end of FY 02. This project is designed to improve understanding of long-term change in nearshore marine communities and investigate the relationship between productivity and climate.

GEM: Alaska Coastal Current Habitat					\$51.6	\$0.0	\$32.1	\$32.1
G- 030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	ADFG	Cont'd 6th yr.	\$51.6	\$0.0	\$32.1	\$32.1

#### **Project Abstract**

Interannual variations in temperature and salinity on the northern Gulf of Alaska shelf reflect environmental changes that affect this marine ecosystem. Quantifying and understanding this variability require long time series such as the 32-year record at hydrographic station GAK1 near Seward. This project continues this time series, quantifies the synoptic, seasonal, and interannual variability, and seeks to understand the reasons for this variability. It will also begin to examine interannual variations in near-surface stratification and the timing of the spring bloom on the inner Gulf of Alaska shelf. The data will be used to predict the baroclinic component of the mass and freshwater transport variability in the Alaska Coastal Current in the northern gulf.

### Chief Scientist's Recommendation

This excellent project provides new insights into physical forcing/control of primary production and mass transport. The synthesis efforts are allowing new insights into proxy measures that might be applied to the 35-year historical record to understand long-term ecosystem variability. This is an excellent investment in a long-term data set that will pay future dividends in fish and wildlife management. Fund.

#### Trustee Council Action

Fund, including proposed upgrade of mooring (addition of another temperature/conductivity recorder with fluorometer and transmissometer) contingent on (a) receipt of a description of the deployment procedure intended to insure against loss of data and (b) submittal of the manuscript promised in FY 02 analyzing the relationship between atmospheric pressure. precipitation, and density structure of the Alaska Coastal Current. This project provides for continued Trustee Council support of hydrographic station GAK1 and the accompanying retrospective analyses of the station's data record. GAK1 provides a long-term data set that allows characterization of the Alaska Coastal Current, which is essential to understanding climatological forcing of productivity and will be important for GEM.

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	Lead	New or	FY 03 Approved	FY 03 Deferred to		FY 04	
Proposer	Agency	Cont'd	8/6/02	11/25/02	Request	Recom.	
	<u></u>		\$18.1	\$0.0	\$0.0	\$0.0	
	ADFG	Cont'd 2nd yr. 2 yr. proj	\$18.1 ect	\$0.0	\$0.0	\$0.0	
This is a continuation of an innovative effective project that provides data to long-term recovery of resources impa- spill against the background of clima- variability. The potential for the propo- data from a key area of Prince Willian the adjacent ocean relevant to long-t	e and cost- assess the acted by the o te-driven osal to provide m Sound and erm evaluation	prepara il project on a cru Beach, cost-eff n the data	oseout of this ation of final re installed a the ude oil tanker Vessels of o ective methor a collected by	project (data eport/manuscr ermosalinogra traveling betw pportunity suc d that may be this project o	analysis ar ipt). In FY ( ph and fluo veen Valde. th as this ar useful to G n ocean co	02, this rometer z and Long re a EM, and nditions in	
	<b></b>		\$308.0	\$0.0			
Trustee Council Office	ALL	Cont'd 2nd yr.	\$212.9	\$0.0			
Chief Scientist's Recommendation Data management will be a critical component of GEM.		Trustee Council Action Fund. This project provides funding for the GEM Data Systems Manager and related data system costs. Data collection, quality control and documentation, archiving, transfer, delivery, and presentation are critical components of GEM.					
	Surface S. Okkonen/UAF orescence <u>Chief Scientist's Recommen</u> This is a continuation of an innovative effective project that provides data to long-term recovery of resources impa- spill against the background of clima a variability. The potential for the propo- data from a key area of Prince Willian the adjacent ocean relevant to long-t and interpretation of population trend and mammals is excellent. Fund. Trustee Council Office <u>Chief Scientist's Recommen</u> Data management will be a critical co	Proposer     Agency       Surface     S. Okkonen/UAF     ADFG       Surface     S. Okkonen/UAF     ADFG       Orescence     Chief Scientist's Recommendation     ADFG       This is a continuation of an innovative and cost- effective project that provides data to assess the long-term recovery of resources impacted by the of spill against the background of climate-driven a variability. The potential for the proposal to provide data from a key area of Prince William Sound and the adjacent ocean relevant to long-term evaluation and interpretation of population trends for birds, fisi and mammals is excellent. Fund.       Trustee Council Office     ALL       Chief Scientist's Recommendation       Data management will be a critical component of on, GEM.	Proposer         Agency         Cont'd           Surface         S. Okkonen/UAF         ADFG         Cont'd           Sorface         Chief Scientist's Recommendation         Fund cl         Proposer           This is a continuation of an innovative and cost- effective project that provides data to assess the long-term recovery of resources impacted by the oil project on a cru a variability. The potential for the proposal to provide data from a key area of Prince William Sound and the adjacent ocean relevant to long-term evaluation and interpretation of population trends for birds, fish and mammals is excellent. Fund.         Alaskar           Trustee Council Office         ALL         Cont'd 2nd yr.           Chief Scientist's Recommendation         System collecting transfer         System collecting transfer           or, f         GEM.         System comport         System	Lead Agency       New or Cont'd       Approved 8/6/02         Surface       S. Okkonen/UAF       ADFG       Cont'd       \$18.1         Surface       Chief Scientist's Recommendation       Trus       Trus         a       variability. The potential for the proposal to provide data from a key area of Prince William Sound and the adjacent ocean relevant to long-term evaluation the data collected by and interpretation of population trends for birds, fish and mammals is excellent. Fund.       Alaskan waters will be are critical component of GEM.         Trustee Council Office       ALL       Cont'd       \$212.9         Solds.or       Trus       Fund. This project p         Systems Manager ar collection, quality cor transfer, delivery, and components of GEM.	ProposerLead AgencyNew or Cont'dApproved 8/6/02Deferred to 11/25/02Surface sorescenceS. Okkonen/UAFADFG ADFGCont'd S18.1\$0.0 2nd yr. 2 yr. projectChief Scientist's Recommendation orescenceTrustee Council A Fund closeout of this project (data preparation of final report/manuscr project installed a thermosalinogra on a crude oil tanker traveling betw Beach. Vessels of opportunity suc cost-effective method that may be the data collected by this project oil tanker traveling betw Beach. Vessels of opportunity suc cost-effective method that may be the data collected by this project oil tanker traveling betw Beach. Vessels of opportunity suc cost-effective method that may be the data collected by this project oil Alaskan waters will be extremely u and mammals is excellent. Fund.\$308.0\$0.0Trustee Council OfficeALL Cont'd S212.9Cont'd \$212.9\$0.0 2nd yr.Chief Scientist's Recommendation and interpretation of population trends for birds, fish and mammals is excellent. Fund.Trustee Council A S308.0Trustee Council OfficeALL Cont'd S212.9Cont'd \$212.9\$0.0 2nd yr.Chief Scientist's Recommendation on, GEM.Contic and docu transfer, delivery, and presentation components of GEM.	Lead AgencyNew or Cont'dApproved 8/6/02Deferred to 11/25/02	

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#### **IEET B: TRUSTEE COUNCIL ACTION (TEX** SPREA

# PREADSHEET)--FY 03 PHASE I WORK PL/

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	,4 Request	FY 04 Recom.
G-030550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	ALL	Cont'd	\$95.1	\$0.0		

### Chief Scientist's Recommendation

#### **Trustee Council Action**

This project represents the Trustee Council's contribution to the Alaska Resources Library and Information Services (ARLIS), ARLIS serves as a central access point for information generated through the Trustee Council restoration process and the GEM program. In addition, ARLIS acts as the public repository for reports and other materials generated from and related to the cleanup, damage assessment and restoration efforts following the oil spill. ARLIS supports the research efforts and information needs of the Restoration Office, principal investigators, natural resources professionals, and the general public.

Project Abstract

The oil spill collection at ARLIS (Alaska Resources Library and Information Services) is a legacy of the spill and an important means of providing the public with oil spill information. Defining how ARLIS might library needs will likely be oriented more toward electronic formats and processes and away from paper documents, with an emphasis on web-based services. The funds currently going toward Project 03550 might be more effectively spent in the future on a service or services more tailored to the specific research and data needs of GEM \_ Fund for EY 03 only.

Fund continuation of one librarian at the Alaska Resources Library and Information Services (ARLIS) Trustee Council contributions in FY 04 and beyond may be reduced as the transition to GEM is completed. support GEM needs to be better addressed. GEM's ARLIS provides an important service for documents and other materials produced through the damage assessment and restoration processes. The Council's original funding commitment to ARLIS was through FY 01 only: how ARLIS might relate to the GEM program in FY 04 and beyond is not clear at this time.

Science Management				<u> </u>	\$416.0	\$0.0		
G- 030250	Project Management	All Trustee Council Agencies	ALL	Cont'd	\$137.6	\$0.0		
Project Abstract Ch		Chief Scientist's Recommendation	Chief Scientist's Recommendation Trustee C			ee Council Action		
Project management supports those Trustee agencies that administer and/or implement EVOS projects on behalf of the Trustee Council. Tasks performed by project managers include coordinating activities between principal investigators and the Trustee Council Office, reviewing project expenditure activity, assisting in the development of project proposals, and tracking project reports.		Proposal not reviewed.			Project manage vork plan proc	ement helps provide accountability ess.		

SPREA	EET B: TRUSTEE COUNCI Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, J4 Request	FY 04 Recom.	
G-030630	Scientific Management under GEM	Trustee Council Office	ALL	Cont'd	\$278.4	\$0.0			
Project Abstract This project will provide scientific oversight of implementation of the GEM program, as well as scientific oversight of lingering effects of oil on injured resources. In FY 03, the project will support the Science and Technical Advisory Committee (STAC) and other aspects of the scientific review and advisory process, develop the FY 04 Invitation to Submit Proposals, provide peer review recommendations and scientific support for the FY 03 and FY 04 work plans, continue developing a "State of the Gulf Report", provide regional input to a status report on North Pacific resources now being developed by PICES (North Pacific Marine		Chief Scientist's Recomme Proposal will not be reviewed by Ch		Trustee Council Action					
Science Organiza Effects Subcomm	ation), and support the Lingering Oil nittee and review process. ation/Administration	·		project dissemi at which	proposals an ination of rest h Council-fun	ed independe d reports, as earch results ded scientists s and the pub \$0.0	well as the at an annu will preser	al meeting	

030100 Public Information and Administrat	ion All Trustee Council Agencies	ALL	Cont'd	\$1,114.3	\$0.0			
Project Abstract	Chief Scientist's Recommendation	Chief Scientist's Recommendation		Trustee Council Action				
This project provides overall support for public involvement and administration of the restoration program, including GEM. It includes funding for the Trustee Council staff working at the direction of the Executive Director, public involvement efforts including the active participation of the Public Advisory Committee (PAC), and management of the EVOS Investment Fund.			admini		vides overall support for plementation of the Trustee			

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# MEMORANDUM Department of Natural Resources

TO: Molly McCammon Executive Director Exxon Valdez Oil Spill Trustee Council

Natural Resource Manager

# State of Alaska Office of the Commissioner

DATE: July 12, 2002

TELEPHONE NO: 269-8431

SUBJECT: EVOS Habitat Protection Funding FY 02

Your memo of May 20 requested a detailed memo specifying which parcels and which activities DNR is working on in order to address a request for additional funding for habitat protection efforts. The following summary information should provide sufficient detail for a review of the activities in which DNR has been engaged. Please note that all activities are conducted in close coordination with and at the request of the Department of Law.

DNR has been working on the following habitat protection activities during fiscal year 2002.

## AJV final closing of last remaining acreage transferred from BLM to AJV. Contractual title services Land Field Services: \$4,937 – unexpected expense. Review of title work, closing documents by DNR title staff.

### **AJV Subsurface**

FROM: Carol Fries.

Contractual title services Land Field Services \$7,918 - \$1,918 in excess of title estimate. Review of title work, closing documents by DNR title staff still needs to be completed.

## **English Bay Phase II Closing**

Completed. This took longer than expected due to unanticipated encumbrances.

## Old Harbor Hydro Release from Conservation Easement

Completed. Very time consuming.

## **AKI Site Exclusions, Final Closing**

Completed. This took much longer than expected due to unanticipated encumbrances.

Tatitlek Exchange Completed 7/23/02

## **USFWS Small Parcels**

Have been reviewed and processed as requested.

## Eyak final closing - Power Creek

This closing started with a flurry of activity then stalled and is still hanging. DNR contracted for title work for this closing, an unanticipated expense, and DNR will still need to pay for closing.

### Koniag Easement along the Karluk

Review of title, legal descriptions, closing documents by DNR title staff. This has come before DNR six times since early in the year for 30-day extensions. The legals are still insufficient. Title defense has concerns about navigability issues that are currently unresolved to their satisfaction. This has required an inordinate amount of staff time.

## Old Harbor/Sitkalidik Exchange

Travel associated with public hearings held in Kodiak. Staff compiled reviewed and summarized public comment submitted in writing and at the hearing. Preparation and review of documents associated with the exchange took place as expected. However, modification of the appraisal and review to address previously unidentified problems and equalization of value was an unexpected complication and expense.

### Old Harbor Native Allotments in Kiliuda Bay

These parcels were being pursued by The Conservation Fund under the grant agreement. DNR has begun the hazmat assessment on priority parcels in Kiliuda Bay in order to address the Chokwak acquisition. Chokwak, Ericksen, Inga have been identified as parcels on which grantees have consulted with the Trustee Council. The initial hazmat request was for Chokwak, however, additional parcels were done in order to maximize resources both in terms of staff time and dollars. Travel to this area is difficult, limited due to weather, and it makes no sense to go back multiple times. We do not have staff resources to make multiple trips. \$5,000 encumbered, best estimate of cost for travel, research and staff time.

Note: DNR and Law have taken care of Chokwak due to changes within The Conservation Fund. There were no anticipated expenditures detailed for these parcels. They were to have been part of the grant and not the subject of the financial discussions in July of 2001. Unexpected expense – Kiliuda Bay Hazmat \$5,000

### Swartz

This parcel was previously identified as a parcel to be pursued by the Council. The Conservation Fund secured the Icicle Seafoods parcels previously, but was unable to secure Swartz. This parcel recently came on the market and the Conservation Fund agreed to pursue it if DNR could contract for the preliminary commitment for title insurance. There was a desire to move quickly -

on this parcel and as you know. The Conservation Fund has more flexibility to purchase options or acquire in a timely manner.

Unexpected expense - Preliminary commitment for title insurance - \$250

Staff time will be required to review these documents, conduct a hazmat survey and review the appraisal. No estimate of expenses was included for this parcel in the FY02 estimate.

## Nuka Island

DNR has requested that TNC pursue two Nuka Island parcels currently available from the University of Alaska. The University is interested in selling. Title work, hazmat and appraisal review will need to be completed.

## Northern Afognak

Department of Law has been working with groups pursuing additional acquisitions on Northern Afognak which would complete protection of the northern tier of the island. An RSA has been executed for support services to be provided by Sheal Anderson to the Department of Law negotiators at their request.

Unexpected expense - RSA to Law \$5,500

Note: Should the timber and land appraisals be completed in August as expected, additional expenses should be expected for appraisal review, DNR staff time etc. These expenses are not detailed here due to an uncertain completion date and no clear cost estimate at this point.

Total Expended or Obligated to Date: \$75,500 Balance remaining: \$1,000

Unanticipated contractual expenses: \$17,605

AJV closing	\$4,937
AJV Subsurface title	\$1,918
Kiliuda Bay Hazmat	\$5,000
Northern Afognak consulting services	\$5,500
Swartze preliminary commitment for title insurance	\$250

Unanticipated work by DNR staff: English Bay Old Harbor Hydro AKI Final Closing Konaig Easement Chokwak Parcel Old Harbor Appraisal adjustment

In conclusion, additional funds in the amount of \$17,605, an amount equivalent to the majority of the unanticipated contractual expenses, should provide sufficient funds to continue work that is

7/23/02

anticipated between now and September 30. DNR will need to purchase title insurance for Elliot, leicle Seafoods, and the Valdez Duck Flats, and hopefully close these parcels by the end of the fiscal year. We also anticipate completing the Old Harbor Exchange and the AJV subsurface in the very near future. The Koniag Conservation Easement will continue to be an issue. The Eyak final closing is expected to resurface in the near future. Please note that there is always the possibility that unanticipated expenses may arise particularly in relation to the additional AJV lands. We are being very conservative in our request for additional funds in order to avoid creating an unnecessary lapse of funds.

I did not make this request prior to this point in time in an effort to avoid creating a situation where funds might possibly lapse. However, at this point it is clear that there are insufficient funds remaining to continue the work associated with ongoing habitat protection efforts.

Should you have any additional questions or concerns, please do not hesitate to contact me at your earliest convenience. It would be beneficial if this matter could be addressed at the August 6 Trustee Council meeting. Thank you.

cc: Marty Rutherford Alex Swiderski Craig Tillery

## RESOLUTION 02-08 OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL REGARDING A GRANT FOR HABITAT PROTECTION

Pursuant to paragraph 15 of Resolution 01-07, the Trustee Council hereby approves (a) an extension of the termination date of the U.S. Fish and Wildlife Service grants to The Conservation Fund (FWS Grant Number 701811G113) and The Nature Conservancy (FWS Grant Number 701811G112) from September 30, 2002 to September 30, 2003, (b) an extension of the due date from December 31, 2002 to December 31, 2003 for the grant recipients' report to the Council describing their activities and accomplishments under the grant, and (c) a corresponding revision to the schedule for funding recipients' indirect costs from "disbursed quarterly over the life of the grant agreement" to "upon receipt of a request for reimbursement submitted no more frequently than every 30 days, when allowable and allocable indirect costs have been incurred by the grant recipient".

Approved by the Council at its meeting of August 6, 2002 held in Anchorage, Alaska, as ffirmed by our signatures affixed below:

DAVE GIBBONS

Forest Supervisor Forest Service Alaska Region U.S. Department of Agriculture

DRUE PEARCE

DRUE PEARCE Senior Adviser to the Secretary for Alaskan Affairs U.S. Department of the Interior

FRANK RUE ommissioner Alaska Department of Fish and Game

CRAIG

Assistant Attorney General State of Alaska

JAMES BALSIGER Administrator, Alaska Region National Marine Fisheries Service

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation



441 W. 5h Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 7, 2002

I certify that on August 6, 2002 the *Exxon Valdez* Oil Spill Trustee Council approved a motion for the State of Alaska Department of Natural Resources to receive \$37,700 for Project 030126 habitat protection support costs for the protection of coastal habitat in Perenosa Bay.

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Molly McCammon Executive Director

441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

Representative John Harris House of Representatives PO Box 1245 Valdez, AK 99686

Dear Mr. Harris:

Thank you for taking the time to express your support for Project 030636, Management Applications: Commercial Fishing. The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sondre Shubert

Molly McCammon Executive Director

441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

Robert Foy FITC / UAF 118 Trident Way Kodiak, AK 99615-7401

Dear Robert:

Thank you for taking the time to express your support for Project 030610, Kodiak Archipelago Youth Area Watch. The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sandra Schubert

**Executive Director** 

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

Susan Payne PO Box 1903 Kodiak, AK 99615

Dear Ms. Payne:

Thank you for taking the time to express your support for Project 030012, Photographic Monitoring of Resident Killer Whales. The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sandre Schubert

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

Senator Georgianna Lincoln Alaska State Senate State Capitol Juneau, AK 99801-1182

Dear Senator Lincoln:

Thank you for taking the time to express your support for Project 030636, Management Applications: Commercial Fishing. The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sandra Schubert Molly McCammon

**Executive Director** 

441 W. 5° Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Jeffrey W. Short NMFS/Auke Bay Laboratory 11305 Glacier Hwy Juneau, AK 99801-8626

Bonita Nelson NOAA/ IMS 11305 Glacier Hwy Juneau, AK 99801

RE: Project 030290 / Hydrocarbon Database and Interpretation Service

Dear Jeff and Bonita,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$22,500 for Project 030290/Hydrocarbon Database and Interpretation Service contingent on submitting to the Chief Scientist the Project 01599 report and the Project 00598 manuscript. Funding includes \$20,600 in direct project funds and \$1,900 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the condition, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Projects approved for FY 03 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and

restoration funding constraints. The FY 04 funding projection for your project is \$22,700 (including agency administrative costs); this will be reviewed again next year.

Thank you for your participation in the Exxon Valdez oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

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Sandra Schubert Molly McCammon

**Executive Director** 

Enclosures (2)

Pete Hagen, NOAA Project Manager cc:

#### TRUSTEE COUNCIL ACTI - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.	
030290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA	Cont'd 12th yr.	\$22.5	\$0.0	\$22.7	\$22.7	

#### **Project Abstract**

#### Chief Scientist's Recommendation

This ongoing project provides data and sample archiving This is a small project, but critical to tracking services for all samples collected for hydrocarbon analysis in support of Trustee Council projects. These data represent samples collected since the oil spill in 1989 to the present and include environmental and laboratory National Resource Damage Assessment and restoration data. Additionally, this project provides interpretive services for hydrocarbon analysis, public releases of the hydrocarbon and pristane databases, and storage and maintenance of the hydrocarbon sample archives.

remaining oil and its fate. Studies that will focus on whether the remaining intertidal subsurface oil in Prince William Sound is contaminating the food web for other Trustee Council funded studies. require the support of this service project. As the amount of oil from the spill subsides, the identity of the hydrocarbon sources is a question that assumes greater importance. This project makes source identification determinations based on the chemical analyses that are stored in the database. The technical approach is sound, as has been demonstrated by more than ten years of successes. The approach and products from this study have appeared in many peer reviewed publications. Fund.

### **Trustee Council Action**

Fund contingent on submittal of overdue report (01599) and manuscript (00598). This project provides the ongoing analysis and interpretation of hydrocarbon data

# Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date



441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002

Joel Cooper Cook Inlet Keeper PO Box 3269 Homer, AK 99603-3585

Nicole Szarzi ADF&G, Sport Fish Division 3298 Douglas Place Homer, AK 99603

RE: Project G-030596 / Securing Flow Data for a Lower Kenai Peninsula Salmon Stream

Dear Joel and Nicole,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$22,600 for Project G-030596/Securing Flow Data for a Lower Kenai Peninsula Salmon Stream. This includes \$20,700 in direct project funds and \$1,900 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the Exxon Valdez oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert Molly McCammon

Executive Director

Enclosures (2)

Bill Hauser, ADF&G Project Manager cc:

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Joel Cooper Cook Inlet Keeper PO Box 3269 Homer, AK 99603-3585

Nicole Szarzi ADF&G, Sport Fish Division 3298 Douglas Place Homer, AK 99603

RE: Project G-030596 / Securing Flow Data for a Lower Kenai Peninsula Salmon Stream

Dear Joel and Nicole,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$22,600 for Project G-030596/Securing Flow Data for a Lower Kenai Peninsula Salmon Stream. This includes \$20,700 in direct project funds and \$1,900 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert Molly McCammon For

Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

## TRUSTEE COUNCIL ACTI

## - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. projed	\$22.6 ct	\$0.0	\$0.0	\$0.0

### Project Abstract

Since August 1998, Cook Inlet Keeper and the Homer Soil and Water Conservation District have been collecting discharge and water quality data from four important salmon streams on the lower Kenai Peninsula: runoff in the Ninilchik River--that is expected to be Ninilchik River, Anchor River, Deep Creek, and Stariski Creek. With the loss of funding, the U.S. Geological Survey (USGS) no longer can maintain the Ninilchik River gauge. Keeper, Homer Soil and Water Conservation District, Ninilchik Traditional Council and others depend on this gauge for the flow data needed to achieve a complete picture of water quality in these watersheds. This project will provide funds for Keeper to contract with USGS to maintain the gauge for one year, during which time long-term funding will be secured.

### Chief Scientist's Recommendation

This is a very cost-effective proposal for "bridge funding." Funding in FY 03 will prevent loss of a year in a time-series of physical data--freshwater useful in understanding differences in natural forcing. Fund, lower priority.

### **Trustee Council Action**

Fund revised proposal, which clarifies the matching funds available for the gauge's FY 03 (October 2002-September 2003) operation. The revised proposal also includes a small amount of funding to cover the costs of retrieving and processing gauge data for the period May-September 2002 and clarifies that the cost of operating the gauge during this period will be covered by the U.S. Geological Survey. This project will provide interim funding (FY 03 only) for maintenance of the Ninilchik River stream-flow gauge while a permanent, long-term funding source is sought. Cook Inlet Keeper relies on this gauge in monitoring the water quality of the Ninilchik River, which the Alaska Department of Environmental Conservation has rated as at high risk from nonpoint source pollution and as having a high need for data collection. Water quality is a key element in understanding the watershed and nearshore environments of the spill-impacted region and the overall health and productivity of such resources as salmon, herring, and sea otters which were seriously impacted by the oil spill.

# Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date



441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002

Evelyn Brown UAF-IMS-SFOS PO Box 757220 Fairbanks, AK 99775-7220

Jim Churnside NOAA Environmental Tech Lab, R/E/ET1 325 Broadway Boulder, CO 80305

RE: Project G-030584 / Evaluation of Airborne Remote Sensing Tools for GEM Monitoring

Dear Evelyn and Jim,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$39,300 for Project G-030584/Evaluation of Airborne Remote Sensing Tools for GEM Monitoring. This includes \$28,800 in UAF project funds and \$2,600 in associated ADF&G administrative costs. It also includes \$7,200 in NOAA project funds and \$700 in associated NOAA administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert Molly McCammon

Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager Pete Hagen, NOAA Project Manager

# TRUSTEE COUNCIL ACTI FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.	
G-030584	Evaluation of Airborne Remote Sen Tools for GEM Monitoring	nsing E. Brown/UAF, J. Churnside/NO	DAA ADFG	Cont'd	\$39.3	\$0. <b>0</b>	\$0.0	\$0.0	
				2nd yr. 2 yr. proj	ect				
Project Abstract		Chief Scientist's Recommendation			Trustee Council Action				
FY 02. The main remote sensing to of the data collect of (a) a pulsed lid maximum of 50 m Sea Surface Terr digital video syste birds, mammals, structure, and (d) and mammals at	wo completion of a project initiated in objective is an evaluation of airborne ools for GEM ecological interpretation ted. The instrument package consists lar to map subsurface features to a n, (b) an infrared radiometer to map operature (SST) day, (c) two three-chip ems to map ocean color (chlorophyll), surface fish schools, and ocean frontal an infrared digital video to map birds night. Shipboard and buoy data will be n and interpretation of remotely sensed	Monitoring forage fish abundance is a the GEM program. This is a highly inr project to do such monitoring, and is a risky than others. However, it deserv through the proposed development pl pay-off of success would be great. Fu	novative therefore mor es support hase, as the	remote e GEM. challen efficien	sensing instr This highly in ging question tly monitor for rogram. If the	project, whic umentation as novative proje , which is how age fish abun project is suc	a monitori ct is workin to effective dance und	ng tool for g on a ely and er the	

# Signature Form

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By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-Pl

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Jim Bodkin USGS-BRD 1011 E Tudor Road Anchorage, AK 99503-6119

Brenda Ballachey ABSC USGS BRD 1011 E Tudor Road Anchorage, AK 99503

Dan Esler Center for Wildlife Ecology, Simon Frasier University 5421 Robertson Road, RR1 Delta, British Columbia V4K 3N2 CANADA

RE: Project 030423 / Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators

Dear Jim, Brenda and Dan,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$216,600 for Project 030423/Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators. This includes \$198,700 in direct project funds and \$17,900 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA

compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

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Studio Schubert

Molly McCammon Executive Director

Enclosures (2)

cc: Dede Bohn, DOI-USGS Project Manager

# **TRUSTEE COUNCIL ACTI**

## FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin, B. Ballachey/USGS-BRD, D. Esler/Simon Fraser Univ.	DOI	Cont'd 5th yr 5 yr. proj	\$216.6 ect	\$0.0	\$0.0	\$0.0

#### **Project Abstract**

Sea otters and harlequin ducks have not fully recovered This is a high quality project that has made from the oil spill, based on population-level demographic outstanding contributions to the EVOS Nearshore differences between oiled and unoiled areas. Further, in Vertebrate Predator (NVP) program (Project oiled areas, both species show elevated cytochrome P4501A, almost certainly reflecting continued exposure to oil. This project is exploring links between oil exposure and the lack of population recovery, with the intent of understanding constraints to full recovery of these species and the nearshore environment generally. as proposed; fund an additional year of harlequin The results also serve to monitor the progress of recovery of the species and the system. To date, the work has consisted of field components for both species, and a captive component for harlequin ducks. Proposed activities for FY 03 include (a) the third and final year of harlequin duck field studies quantifying oil exposure and survival of females during winter and (b) closeout of all project components and preparation of the final report.

### Chief Scientist's Recommendation

99025). Sea otters and harlequin ducks have shown ongoing injury. The experimental work with harlequins to derive dose-response results is especially valuable (although procedurally field work/data collection in order to determine if there is a link between P4501A exposure and survival of individual female harlequin ducks.

### **Trustee Council Action**

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Fund revised proposal, which reduces the cost of the sea otter component slightly. The questions raised by the reviewers in regard to the harlequin duck component have been addressed through a review of the project's FY 02 preliminary results -- it is now apparent that a third year of field study is necessary to meet project objectives. This project is an important challenging). Fund closeout of sea otter component extension of the Nearshore Vertebrate Predator project (Project 99025) work on two still-injured species, sea otters and harlequin ducks. The FY 03 funding request includes closeout activities (final data analysis and report writing) for both the sea otter and harlequin duck components.

# Signature Form

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By submission of this proposal, I agree to abide by the Trustee Council's data

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adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

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Date

Date

Date

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Teresa L. Schneider KIBSD Central Office 722 Mill Bay Rd Kodiak, AK 99615

RE: Project G-030610 / Kodiak Archipelago Youth Area Watch

Dear Teresa,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$63,000 for Project G-030610/Kodiak Archipelago Youth Area Watch. This includes \$57,800 in direct project funds and \$5,200 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert,

Molly McCammon Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager



## TRUSTEE COUNCIL ACTI FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030610	Kodiak Archipelago Youth Area Wat	tch T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 4th yr.	<b>\$6</b> 3.0	<b>\$0</b> .0	\$61.8	
This project will aligned with the Council. Studen interviews with lo ecological knowl District oral histo Area Watch adu of Elders/Scienc Such participatio tribal members t	general restoration efforts of the Trustee its and site coordinators will conduct ocal experts and document traditional ledge, publishing it in a Kodiak School	Chief Scientist's Recommend This ongoing project has shown solid success, including influencing the cur Kodiak School District, and has attract funding from other sources. This pop successful program is achieving its of Fund.	evidence of riculum of the sted additiona ular and	e restorat l commit 03, stud	This project, w tion projects, ment to comi dents in Akhio	tee Council A which involves addresses the nunity involve ok, Old Harbor City will partic	local youth Trustee C ment in GE	ouncil's M. In FY

to such work. The value and implications of traditional ecological knowledge will be strongly emphasized throughout the implementation of the project.

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adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

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Date

Date

Date



441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002

Kenneth Adams PO Box 1855 Cordova, AK 99574-1855

Ross Mullins PO Box 436 Cordova, AK 99574-0436

RE: Project G-030636 / Management Applications: Commercial Fishing

Dear Ken and Ross,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$50,900 for Project G-030636/Management Applications: Commercial Fishing. This includes \$46,700 in direct project funds and \$4,200 in NOAA administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council funding for this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandia Schubert for

Molly McCammon Executive Director

Enclosures (2)

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracting

#### TRUSTEE COUNCIL ACTI - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030636	Management Applications: Commercial Fishing	K. Adams, R. Mullins/Cordova	NOAA	Cont'd 2nd yr. 2 yr. projec	\$50.9	\$0.0	\$0.0	\$0.0

Chief Scientist's Recommendation

#### **Project Abstract**

This project is intended to build a bridge between the scientific community, which is describing and attempting to predict variation in biological production, and the commercial fishing community, which is attempting to find management applications for this new information. In addition, the project seeks to provide community presence to participate in development of GEM.

The need for a "bridge project" between science and users, related to EVOS, is guite clear. If the project can identify useful applications from EVOS-based science it will be money well spent. One important criterion of success will be the ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The project is off to a strong start in FY 02 with two successful meetings with in Cordova. Prospects for serving the needs of spill are very good. Prospects for success are improved with the proposed creation in FY 03 of an advisory science panel, for which commitments have already been obtained from four persons knowledgeable in the academic and professional side of natural resource management and/or oceanography. Fund.

#### **Trustee Council Action**

Fund FY 03 only; the proposers have obtained the participation of a panel of scientific advisors, as recommended by the Chief Scientist. In FY 02 this project formed a Prince William Sound Fisheries Research Applications and Planning Group to provide a forum for developing fisheries management applications for all interested parties (Cordova District Fishermen United, Alaska Department of Fish and Game, Prince William Sound Aquaculture Corporation, Valdez well-documented outcomes and setting up an office Fisheries Development Association, commercial fishers, and others). The objectives of this group in FY 03 are to those who depend on resources damaged by the oil (a) identify a fisheries relevant subset of EVOS projects, (b) develop criteria and guidelines for making information gathered by GEM relevant for fisheries management and shore-based communities, and (c) develop a plan showing the cycle of movement from basic science to management application. At the end of FY 03, the success of the project will be evaluated and a decision made on whether to continue the project into future years. As recommended by the Chief Scientist, one measure of success will be the project's ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The EVOS program can benefit from the commercial fishing community's perspective on restoration results and interaction with fishers on how to incorporate the results into fisheries management practices. In addition, the project could form a foundation for working with Prince William Sound fishers as GEM develops.

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adopted July 9, 2002).

Signature of PI	Date	
Signature of co-PI	Date	
Signature of co-PI	Date	

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

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August 12, 2002

Gail Irvine, PhD USGS-BRD 1011 E Tudor Rd Anchorage, AK 99503

Jeanne Schaaf Lake Clark-Katmai Studies Center, NPS 4230 University Drive Suite 311 Anchorage, AK 99508

Dan H. Mann, PhD UAF Institute of Arctic Biology PO Box 757000 Fairbanks, AK 99775-7000

John Southon Earth System Science Dept University of California 220 Rowland Hall Irvine, CA 02697-3100

RE: Project G-030656 / Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes

Dear Gail, Jeanne, Dan and John,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$53,700 for Project G-030656/Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes contingent on submittal to the Chief Scientist of the Project 99459 report. Funding includes \$49,300 in direct project funds and \$4,400 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

In addition to satisfying the condition specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy



of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the condition, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert

Molly McCammon Executive Director

Enclosures (2)

cc: Dede Bohn, DOI-USGS Project Manager

#### TRUSTEE COUNCIL ACTI · FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	G. Irvine/USGS, J. Schaaf/NPS, D. Mann/UAF, J. Southon/Univ. Calif.		Cont'd 2nd yr. 2 yr. projed	\$53.7 ct	<b>\$0</b> .0	\$0.0	\$0.0

#### **Project Abstract**

This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances innovative data of great interest and relevance to in nearshore, intertidal communities via retrospective analyses. These analyses will focus on excavated midden remains of very rich, well-dated archaeological sites along the Katmai National Park and Preserve coast. Changes in nearshore marine communities will be assessed through examination of relative species abundances, size-frequency analysis, and other indicators of habitat changes. Isotopic analysis of shells needed expertise to the project team. Fund. will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.

#### **Chief Scientist's Recommendation** This pilot project has the potential to produce

understanding natural variation in ocean systems and the human use of resources over long time frames. The originality of this work is very high, although there is a risk that the coarse temporal resolution of the method will prevent precise conclusions. The addition of funds for a paleoceanographer is justified in order to add

#### **Trustee Council Action**

Fund closeout of this project contingent on submittal of overdue report (99459). A portion of the increase (\$15,900) in funding over the expected amount is due to a delay in the stable isotope analyses scheduled for FY 02; an equivalent amount of funds will be lapsed back to the Trustee Council at the end of FY 02. This project is designed to improve understanding of long-term change in nearshore marine communities and investigate the relationship between productivity and climate.

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Signature of PI	Date
Signature of co-PI	Date
	·
Signature of co-PI	Date

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August 12, 2002

Richard Delorenzo Chugach School District 9312 Vanguard Dr, #100 Anchorage, AK 99507

RE: Project G-030210 / Youth Area Watch

Dear Richard,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$98,600 for Project G-030210/Youth Area Watch contingent on submittal and review of (a) a revised FY 01 annual report that addresses the Chief Scientist's concerns and (b) a satisfactory annual report for FY 02. Funding includes \$90,500 in direct project funds and \$8,100 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the condition, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubertfo

Molly McCammon Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

## TRUSTEE COUNCIL ACTI - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Requ <b>e</b> st	FY 04 Recom.
G-030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	<u></u>

Chief Scientist's Recommendation

#### Project Abstract

This project links students in the oil spill impacted area with research and monitoring projects funded by the Trustee Council. The project involves students in the restoration process and provides these individuals the skills to participate in restoration now and in the future. Youth conduct research identified and delegated by principal investigators who have indicated interest in working with students. Youth Area Watch fosters long-term commitment to the goals set out in the restoration plan and is a positive community investment in that process. Participating communities in FY 03 will be Tatitlek, Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Valdez, and Whittier.

This project is a success story for community involvement in EVOS research, through the participation of young people in the public school system. The proposers recognize EVOS projects will be changing with implementation of GEM and are willing to adapt. The proposers also have done an excellent job of obtaining supplemental funding and reducing reliance on EVOS funding. However, the proposal provides insufficient information to judge progress. It could be strengthened with greater attention to the results of prior efforts, such as Youth Area Watch students choosing to pursue higher education in science. In addition, the annual reports are not a useful gauge of program accomplishments and progress, so accountability is lacking. By contrast, the Kodiak Youth Area Watch annual reports (Project /610) provide specific information on accomplishments, problems encountered and solutions. Fund contingent on receipt of a revised annual report (01210) that indicates that satisfactory progress is being made.

#### Trustee Council Action

Fund contingent on submittal and review of (a) a revised FY 01 annual report (01210) that addresses the Chief Scientist's concerns and (b) a satisfactory annual report for FY 02 (02210). Youth Area Watch involves local youth in restoration projects. In FY 03, youth in Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Tatitlek, Valdez, and Whittier will participate.

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Date

Date

Date



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Ronald A. Heintz NMFS Auke Bay Lab 11305 Glacier Hwy Juneau, AK 99801-8626

RE: Project 030476 / Effects of Oiled Incubation Substrate on Pink Salmon Reproduction

Dear Ron,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$37,100 for Project 030476/Effects of Oiled Incubation Substrate on Pink Salmon Reproduction contingent on submitting the report on Project 01476. Funding includes \$34,000 in direct project funds and \$3,100 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

In addition to satisfying the condition specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the condition, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandre Schubert Molly McCammon

Executive Director

Enclosures (2)

cc: Pete Hagen, NOAA Project Manager

## TRUSTEE COUNCIL ACTI

### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 5th yr. 5 yr. proje	\$37.1	\$0.0	\$0.0	\$0.0

#### **Project Abstract**

Populations are maintained through successful reproduction: this study is designed to determine if exposure to oil impairs pink salmon reproduction. This experiment began in the fall of 1998 when pink salmon eccs were incubated in oil contaminated water. Fish that as it has been fundamental for understanding the survived exposure were marked and released in the spring of 1999. They reached maturity at sea and returned to spawn in the fall of 2000. Return rates confirmed previous observations of reduced marine survival among exposed fish, but evaluations of offspring (F1) survival rates did not indicate any reproductive impact. The F1 were incubated in clean water until spring 2001 when they were marked and released. They will mature and return to the hatchery in the fall of 2002 and their reproductive ability will be evaluated by generating an F2 generation. A diminished ability to produce the F2 generation represents a genetic effect of oil transmitted to unexposed generations. Such an effect was demonstrated for similarly treated pink salmon in 1997, but corroborating data do not exist. This project is designed to retest that experiment: if diminished reproductive ability is corroborated, it would demonstrate a significant and unanticipated effect of oil pollution.

#### **Chief Scientist's Recommendation**

This is an important project because it rigorously tests the hypothesis that pink salmon have herritable damage expressed as reduced survival. The Trustee Council should complete this project. damage to pink salmon from the oil spill. The FY 03 work will complete a two-generation experiment started in 1998 with exposure of salmon eggs to oil. Fund.

#### **Trustee Council Action**

Fund closeout of this project contingent on submittal of overdue report (01476). This project is validating the effects of oil contamination on pink salmon, thus contributing to our understanding of the injury and recovery status of this injured species.

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Shannon Atkinson UAF SFOS IMS PO Box 730 Seward, AK 99664

RE: Project 030558 / Harbor Seal Recovery: Application of New Technologies for Monitoring Health

Dear Shannon,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$286,700 for Project 030558/Harbor Seal Recovery: Application of New Technologies for Monitoring Health. This includes \$109,300 in project funds and \$9,800 in associated ADF&G administrative costs. It also includes \$153,800 in Alaska SeaLife Center bench fees and \$13,800 in associated ADF&G administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

## TRUSTEE COUNCIL ACTI

### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 3rd yr. 3 yr. proj	\$286.7 ect	\$0.0	\$0.0	\$0.0

#### Project Abstract

This study is a continuation of the study to assess the potential for new technologies to monitor the endocrine and immune systems for the health of harbor seals. During year one, baseline samples were collected from both permanently captive and rehabilitation seals at the Alaska SeaLife Center. Analysis of thyroxine (T4), triiodothyronine (T3), and cortisol (metabolic and gluconeogenic hormones), and measurement of immunoglobulins (IgG, IgM, and IgA) and organochlorine contaminants are currently being assessed. Cell lines to quantify immunoglobulins have been initiated, and baseline hormones have been established. FY 03 will compare the profiles of free-ranging seals and those failing to thrive in their environment in an effort to restore this species.

#### **Chief Scientist's Recommendation**

This is an excellent proposal investigating contaminant effects on reproductive biology of harbor seals. Previous concerns about the pace of assay development have been addressed and the project is on track to complete its objectives. Fund.

#### Trustee Council Action

Fund; previous concerns about the pace of assay development have been addressed and budget questions have been resolved. FY 03 was to be this project's closeout year (data analysis and final report writing only) but additional sample collection--and the corresponding bench fees for housing the research animals at the Alaska SeaLife Center--has also been proposed and is recommended for funding along with closeout activities. This project is employing new technologies at the Alaska SeaLife Center to assess and monitor the health of harbor seals. [Note: The funding amount includes \$167,600 for Alaska SeaLife Center bench fees.]

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

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adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

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Date

Date

Date

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002



David G. Roseneau Alaska Maritime Nat'l Wildlife Refuge 2355 Kachemak Bay Dr, Ste 101 Homer, AK 99603-8021

RE: Project G-030561 / Community-Based Forage Fish Sampling

Dear Dave,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$17,000 for Project G-030561/Community-Based Forage Fish Sampling. This includes \$15,600 in direct project funds and \$1,400 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubertjo

Molly McCammon Executive Director

Enclosures (2)

cc: Tony DeGange, DOI-USFWS Project Manager

## TRUSTEE COUNCIL ACTI

## - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.	
G-030561	Evaluating the Feasibility of Develop a Community-Based Forage Fish Sampling Project for GEM	bing D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. proj	\$17.0 ect	\$0.0	\$0.0	\$0.0	
<u>P</u> 1	roject Abstract	Chief Scientist's Recommen	dation	Trustee Council Action					
evaluating the fe community-base The work in FY (	close out Project 02561, which is easibility of developing a ed forage fish sampling project for GEM. 03 will consist of compiling and ation collected during FY 02, and writing	The concept of this projectcommun sampling of predator fish to monitor of (forage fish)is scientifically sound a economically viable. It addresses GE of community involvement with poter contribute to several aspects of long- monitoring. This project will produce for the Kachemak Bay-lower Cook In	their prey nd M's objective ntial to term a useful plan	commu long-ter builds c Predato contribu commu	nities to explo m forage fish on work succe or Ecosystem ute to underst nity-based sa	pre involving lo monitoring sl ssfully begun Experiment, l anding the fea mpling progra	\$0.0 \$0.0		

Prince WilliaM Sound, Fund,

therefore is an important part of GEM transition. It should be noted that the Council's interest in this project is not in the particular data that might be gathered relevant to forage fish, but in the techniques and strategies that might be developed in regard to designing a community involvement component for GEM.

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

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Signature of PI

Signature of co-PI

Signature of co-PI

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Date

Date

Date

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002



Fred Allendorf, PhD Div of Biological Sciences University of Montana Missoula, MT 59812

RE: Project 030190 / Construction of a Linkage Map for the Pink Salmon Genome

Dear Fred,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$54,500 for Project 030190/Construction of a Linkage Map for the Pink Salmon Genome. This includes \$50,000 in direct project funds and \$4,500 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert

Molly McCammon Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

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

### TRUSTEE COUNCIL ACT - FY 03

### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. proje	\$54.5 ct	\$0.0	\$0.0	\$0.0

#### Project Abstract

This is the final year of a project based upon experiments conducted at the Alaska SeaLife Center that use a linkage map that was constructed to test for effects of regions of the genome on traits that are important to the recovery of pink salmon (e.g., growth and survival). In summer 2001, 259 sexually mature adults were collected in Resurrection Bay from the 1999 cohort produced from wild pink salmon collected from Likes Creek. In FY 03, the analysis of the genotypes in the returning adults will be completed to test for genetic differences in marine survival and other life history traits (e.g., body, size, egg number, and egg size) and a final report/manuscript will be prepared.

### Chief Scientist's Recommendation

This is the final year of a long-term project that has done a good job overcoming unexpected technical challenges. The genome map will be a benefit to a variety of future studies of pink salmon, and will be useful for future pink salmon management in Southcentral Alaska. Based on the proposal, it appears that the data analysis is in the process of completion, and it seems appropriate to provide the principal investigator with funding to complete the identified data analysis and prepare manuscripts. Fund,

#### Trustee Council Action

Fund revised proposal, which reduces the cost of the remaining data analysis and manuscript/final report preparation. This project is important for understanding the genetic traits of pink salmon that affect growth and survival. In addition, the work being done under this project will contribute to answering questions important to fisheries management about hatchery/wild fish interactions. For example, are hatchery fish changing the gene pool in a way that makes wild fish maladapted to their environment? Are enough hatchery fish getting into streams to affect productivity of wild fish? How adapted are wild fish to particular streams?

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

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requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

 Signature of PI
 Date

 Signature of co-PI
 Date

 Signature of co-PI
 Date

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441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002

Craig Matkin North Gulf Oceanic Society 60920 Mary Allen Ave. Homer, AK 99603

### RE: Project 030012 / Photographic Monitoring of Resident Killer Whales

Dear Craig,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$18,100 for Project 030012/Photographic Monitoring of Resident Killer Whales contingent on completion of the manuscripts funded in prior years (mating systems and niche partitioning). Funding includes \$16,600 in direct project funds and \$1,500 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the condition, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert

Molly McCammon Executive Director

Enclosures (2)

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracting

#### TRUSTEE COUNCIL ACTI • FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030012	Photographic Monitoring of Resident Killer Whales	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 11th yr.	\$18.1	\$0.0	\$18.2	
	Project Abstract	Chief Scientist's Recommenda	tion		Trus	tee Council A	ction	

#### Chief Scientist's Recommendation

#### **Trustee Council Action**

This project will support monitoring of the resident AB pod of killer whales and other resident pods as part of a cooperative program with the Alaska SeaLife Center and species that is dependent on the integrity of the various foundations. Monitoring has occurred on a yearly basis since 1984; this long-term data set was crucial in evaluating the oil spill effects on killer whales.

This project will monitor an important killer whale pod. Killer whales are a top trophic-level, sentinel marine ecosystem. Killer whales are also an increasingly important species for tourism, an industry that is worth many millions of dollars per year. The killer whale population in the Gulf of Alaska has been increasing and overall the population appears to be healthy. However, the AB pod declined precipitously at the time of the spill and, for a time after the spill, appeared to be in danger of complete disintegration. The AB pod has grown since about 1994 and pod disintegration now seems less likely. The continuation of this monitoring project will provide continuing data about the status of the AB pod. Fund, lower priority.

Fund FY 03 only contingent on completion of manuscripts funded in prior years (mating systems and niche partitioning). A decision on funding in FY 04 and beyond has not yet been made. Funding in FY 03 is reduced from earlier years to reflect the additional sources of funds available to the principal investigator for continued monitoring of killer whales in Prince William Sound and Kenai Fjords.

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

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requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Mike Gracz Cook Inlet Keeper PO Box 3269 Homer, AK 99603

RE: Project G-030607 / GIS Map of Water Quality Monitoring Sites Across the Gulf of Alaska

Dear Mike,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$13,100 for Project G-030607/GIS Map of Water Quality Monitoring Sites Across the Gulf of Alaska contingent on clarification of the geographic area to be covered by the project (please submit a memo to me addressing this point). Funding includes \$12,000 in direct project funds and \$1,100 in NOAA administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the only year of Council contribution to this project.

In addition to satisfying the condition specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, NOAA must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. NOAA must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects these steps will be completed by October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the condition, submitting the required documents, or executing a contract will delay start of the project. If you have any questions, please contact NOAA's EVOS project manager:

Pete Hagen National Oceanic and Atmospheric Administration 11305 Glacier Highway, Auke Bay, Alaska 99801-8626 Phone 907-789-6096/Fax 907-789-6608 Thank you for your participation in the Exxon Valdez oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sancha Schubert

Molly McCammon Executive Director

Enclosures (2)

Pete Hagen, NOAA Project Manager CC: Sharon Kent, NOAA Contracting

### TRUSTEE COUNCIL ACTI

### • FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Requ <b>es</b> t	FY 04 Recom.
G-030607	Geographic Information Systems (GIS) Map of Water Quality Monitoring Sites Across the Gulf of Alaska	M. Gracz/Cook Inlet Keeper	NOAA	New 1st yr. 1 yr. proje	\$13.1 ct	<b>\$0</b> .0	\$0. <b>0</b>	\$0.0

#### **Project Abstract**

#### **Chief Scientist's Recommendation**

This project will synthesize existing data to create a comprehensive Geographic Information Systems (GIS) map and database of monitoring sites across the Gulf of database will be useful in meeting GEM objectives. Alaska. This map will be published in hardcopy and will be linked to CIIMMS (Cook Inlet Information Management and Monitoring System, Project 01391) and STORET, through which the map and data can be easily updated and made available to monitoring entities as well as policy makers, scientists, and the general public. This map and the accompanying data will serve as a lasting tool for the restoration and protection of the Gulf of Alaska's resources by coordinating diverse monitoring efforts and establishing a framework into which information about current and future monitoring programs can be entered.

This proposal will create a database and map of water quality sites in the Gulf of Alaska. Such a Fund contingent on clarification by the proposer of the geographic area to be included (the database should include the entire geographic area encompassed by the GEM program).

#### **Trustee Council Action**

Fund contingent on clarification by the proposer of the geographic area to be covered by the project (the database should include the entire geographic area encompassed by the GEM program). This project will create a GIS map of water quality monitoring sites (including physical, chemical, and biological parameters) by identifying existing sites across the Gulf of Alaska and incorporating this information into CIIMMS (the Cook Inlet Information Management and Monitoring System created under Project 01391). This information will be useful for GEM planning.

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

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requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Thomas J. Weingartner, PhD UAF IMS SFOS P.O. Box 757220 Fairbanks, AK 99775-7220

RE: Project G-030340 / Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem

Dear Tom,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$51,600 for Project G-030340/Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem contingent on (a) receipt of a description of the deployment procedure intended to insure against loss of data and (b) submittal of the manuscript promised in FY 02 analyzing the relationship between atmospheric pressure, precipitation, and density structure of the Alaska Coastal Current. Funding includes \$47,300 in project funds and \$4,300 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the conditions, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Projects approved for FY 03 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The FY 04 funding projection for your project is \$32,100 (including agency administrative costs); this will be reviewed again next year.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sundre Schubert

Molly McCammon Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

### TRUSTEE COUNCIL ACTI · FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	ADFG	Cont'd 6th yr.	\$51.6	\$0.0	\$32.1	\$32.1

#### **Project Abstract**

#### **Chief Scientist's Recommendation**

Interannual variations in temperature and salinity on the northern Gulf of Alaska shelf reflect environmental changes that affect this marine ecosystem. Quantifying and understanding this variability require long time series such as the 32-year record at hydrographic station GAK1 near Seward. This project continues this time series, quantifies the synoptic, seasonal, and interannual variability, and seeks to understand the reasons for this variability. It will also begin to examine interannual variations in near-surface stratification and the timing of the spring bloom on the inner Gulf of Alaska shelf. The data will be used to predict the baroclinic component of the mass and freshwater transport variability in the Alaska Coastal Current in the northern gulf.

This excellent project provides new insights into physical forcing/control of primary production and mass transport. The synthesis efforts are allowing new insights into proxy measures that might be applied to the 35-year historical record to understand long-term ecosystem variability. This is an excellent investment in a long-term data set that will pay future dividends in fish and wildlife management. Fund.

#### Trustee Council Action

Fund, including proposed upgrade of mooring (addition of another temperature/conductivity recorder with fluorometer and transmissometer) contingent on (a) receipt of a description of the deployment procedure intended to insure against loss of data and (b) submittal of the manuscript promised in FY 02 analyzing the relationship between atmospheric pressure. precipitation, and density structure of the Alaska Coastal Current. This project provides for continued Trustee Council support of hydrographic station GAK1 and the accompanying retrospective analyses of the station's data record. GAK1 provides a long-term data set that allows characterization of the Alaska Coastal Current, which is essential to understanding climatological forcing of productivity and will be important for GEM.

## Signature Form

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Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

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August 12, 2002

Bruce Finney, PhD UAF/SFOS PO Box 757220 Fairbanks, AK 99775-7220

RE: Project G-030649 / Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years

Dear Bruce,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$92,500 for Project G-030649/ Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years. This includes \$84,900 in project funds and \$7,600 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Projects approved in FY 03 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and funding constraints. The future funding projection for your project (including agency administrative costs) is \$26,600 in FY 04; this will be reviewed again next year.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sundre Schribert Molly McCammon

Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

### TRUSTEE COUNCIL ACTI

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	B. Finney/UAF	ADFG	Cont'd 2nd yr. 3 yr. projec	\$92.5	\$0. <b>0</b>	\$26.6	\$26.6
	Project Abstract	Chief Scientist's Recommendation	n		Trus	tee Council A	ction	

#### Chief Scientist's Recommendation

This project is reconstructing changes in sockeye salmon abundance over the last 5,000 years using the <sup>15</sup>N record left by salmon carcasses in the sediments of spawning lakes in Prince William Sound, the Kenai Fjords, the Kenai River watershed, and on Kodiak Island. The research question is: What is the normal variability in sockeye salmon populations in the Gulf of Alaska and how does it relate to climatic changes in the Gulf of Alaska region? The results will provide a valuable background for future monitoring studies within The project is being executed with the highest GEM and for fisheries managers working to preserve and restore natural salmon runs.

This outstanding project is revealing a 3,500 year record of sockeye salmon abundances in the northern Gulf of Alaska. Previous work with other investigators has established the correlation of salmon abundance with PDO (Pacific decadal oscillation) variations on the decadal scale. The importance of this work is that it describes a much longer record of PDO variation than the European historical record compiled during the 20th century. scientific standards. Fund, including the proposed addition of three other Kenai Peninsula lakes.

#### Trustee Council Action

Fund, including new objectives related to core collection from Hidden Lake, Skilak Lake, and a control lake on the Kenai Peninsula. This project is conducting a retrospective study of sockeye abundance in certain lakes in the spill region and developing hypotheses about how changes in the atmosphere/ ocean system affect salmon populations.

## Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. <u>Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).</u>

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of Pl

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

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August 12, 2002

Stephen Okkonen UAF, IMS PO Box 757220 Fairbanks, AK 99775

RE: Project G-030614 / Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean

Dear Steve,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$63,000 for Project G-030614/Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean. This includes \$16,600 in project funds and \$1,500 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert Molly McCammon

Molly McCammon Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager



### TRUSTEE COUNCIL ACTI

### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030614	Monitoring Program for Near-Surf	ace S. Okkonen/UAF	ADFG	Cont'd	\$18.1	\$0.0	\$0.0	\$0.0
Temperature, Salinity, and Fluor in the Northern Pacific Ocean		scence		2nd yr. 2 yr. proj	ject			
P	Project Abstract	Chief Scientist's Recomme	endation		Trus	tee Council A	ction	
This project will use a thermosalinograph and fluorometer, to be installed on a crude oil tanker, to acquire continuous, long-term measurements of the near-surface temperature, salinity, and fluorescence		This is a continuation of an innovative and cost- effective project that provides data to assess the long-term recovery of resources impacted by the oil spill against the background of climate-driven		prepara il project	ation of final re installed a the	project (data eport/manusci ermosalinogra traveling betv	ript). In FY ph and fluc	02, this prometer

spill against the background of climate-driven on a crude oil tanker traveling between Valdez and Long variability. The potential for the proposal to provide Beach. Vessels of opportunity such as this are a data from a key area of Prince William Sound and cost-effective method that may be useful to GEM, and the adjacent ocean relevant to long-term evaluation the data collected by this project on ocean conditions in and interpretation of population trends for birds, fish Alaskan waters will be extremely useful to GEM. and mammals is excellent. Fund.

fields along the tanker route between Valdez, Alaska

and Long Beach, California.

## Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

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August 12, 2002

Gary D. Marty, PhD University of CA, Vet Med, Anatomy Phys Cell Bio 1Shields Ave Davis, CA 95616-8732

RE: Project 030462 / Effect of Disease on Pacific Herring Population Recovery in Prince William Sound

Dear Gary,

On August 6, 2002 the Exxon Valdez Oil Spill Trustee Council acted upon Phase I of the Fiscal Year 2003 Work Plan. At that meeting, the Council voted to defer action on Project 030462/Effect of Disease on Pacific Herring Population Recovery in Prince William Sound. On November 25, the Council is tentatively scheduled to consider providing \$25,000 to the project, pending contribution of funds from non-EVOS sources to carry out the project as proposed. Please keep me informed of your efforts to secure additional funding as the November meeting approaches.

Thank you for your participation in the Exxon Valdez oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please do not hesitate to give me a call.

Sincerely.

Sandre Shubert Molly McCammon

**Executive Director** 

Enclosure

Bill Hauser, ADF&G Project Manager CC:

#### TRUSTEE COUNCIL ACT

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030462	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 5th yr. 5 yr. projed	\$0.0	\$25.0	\$0.0	\$0.0

#### **Project Abstract**

#### Chief Scientist's Recommendation

In spring 2001, prevalence of Ichthyophonus hoferi (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in importance, in addition to being a key component of to carry out the project as proposed. This project, which any year studied (1989-2000). I. hoferi causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, I. hoferi was not associated with unexpected declines in population biomass, but during the last century increases in I. hoferi prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 I. hoferi outbreak, this project will analyze samples already collected in fall 2001 and spring 2002 as part of Project 02462.

Herring remain one of the key non-recovered species and are of substantial commercial the pelagic ecosystem. This study has contributed much to our understanding of disease expression in herring. In the opinion of the reviewers, most of the value of this project has been obtained through the contributions already made to the literature and to the management of the herring fishery by work on the VHS (viral hemorrhagic septicemia) virus. The reviewers feel there is insufficient justification for substantial investment of further research money in sample processing for determining the presence of a second pathogen (Ichthyophonus hoferi). However, a modest contribution of matching funds to a larger effort would be in order. Fund at level of \$25,000 if matching funds are obtained.

#### **Trustee Council Action**

Defer decision on funding this project until November. pending contribution of funds from non-EVOS sources has made an important contribution to management of the herring fishery, will complete its work on viral hemorrhagic septicemia in FY 02 (Project 02462). The proposer has requested funds to conduct new work on Icthyophonus hoferi in FY 03. The reviewers consider the organ-by-organ pathobiological study proposed to be of lower priority at this stage of the restoration program, but a modest contribution of \$25,000 to the project may be worthwhile. Deferring the project until November will provide the proposer an opportunity to secure funds from other sources. The project objective is to determine whether disease continues to limit recovery of the Prince William Sound herring population.

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August 12, 2002

Thomas C. Kline, Jr., PhD PWS Science Center PO Box 705 Cordova, AK 99574

RE: Project G-030625 / Prince William Sound Isotope Ecology Synthesis

Dear Tom,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$25,500 for Project G-030625/Prince William Sound Isotope Ecology Synthesis. This includes \$23,400 in project funds and \$2,100 in NOAA administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the only year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. For more information, please contact the project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for Molly McCammon

Executive Director

Enclosures (2)

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracts



### TRUSTEE COUNCIL ACT

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030625	Prince William Sound Isotope Ecolo Synthesis	ogy T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. proj	\$25.5 ject	\$0.0	\$0.0	\$0.0
This project will present structure William Sound th with tentative title structure of the p Sound, Alaska". will be useful be	roject Abstract provide a 'big picture' synthesis of the e of the pelagic ecosystem of Prince nrough preparation of a scientific paper e: "A stable isotope based trophic belagic community of Prince William The documentation of a 'before picture' cause the recently documented regional es composition is likely to alter pelagic during GEM.	Chief Scientist's Recommendation The proposed synthesis could be product, and the principal investig the most knowledgeable individual synthesis. Fund revised proposal the cost of the project to a more a	a worthwhile ator is certainly I to prepare this which reduces	scope a This pro pelagic stable i and and previou Ecosys	evised propos and budget as oject will prep ecosystem o sotope ratio d alyzed by the s EVOS proje tem Assessm	tee Council A al, which redu- directed by the are a synthes f Prince Willia lata from biota principal inve- ects (Project 9 bent; Project 0 Structure and	ices the pro ne Chief So is manuscr m Sound, u a samples o stigator uno 8320/Soun 1393/Princ	cientist. ipt on the using collected ler d

## Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI	
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Signature of co-Pl

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

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August 12, 2002

Thomas C. Kline, Jr., PhD PWS Science Center PO Box 705 Cordova, AK 99574

RE: Project G-030631 / Top-Down Process Synthesis

Dear Tom,

As in past years, the *Exxon Valdez* Oil Spill Trustee Council received more proposals for Fiscal Year 2003 than it was able to fund.

In June I notified you of my recommendation that the Trustee Council not fund Project G-030631/Top-Down Process Synthesis. The Council acted on Phase I of the FY 2003 Work Plan on August 6, 2002. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 03. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Sandre Schubert

Molly McCammon Executive Director

Enclosure

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracting

### TRUSTEE COUNCIL ACT

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer A	Lead gency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New 1st yr.	\$0.0	\$0. <b>0</b>	\$29.5	\$0.0
				2 yr. projec	;t			
<u>F</u>	Project Abstract	Chief Scientist's Recommendation			Trus	tee Council A	ction	

This project will synthesize information that suggests ontogenetic increases of the trophic position of the walleve pollock such that they contribute to top-down processes when >600mm in length, using stable isotope guestions it poses. The potential contribution to analysis of archived samples and data. Pollock feed at multiple trophic levels depending on their size, with larger pollock cannibalizing smaller pollock, especially those that are age-0. Preliminary analysis suggested that pollock of this size range have a high potential for cannibalism. Pollock of this size range are presently being removed from Prince William Sound since the discovery of a mostly undisturbed population during the SEA project (Sound Ecosystem Assessment, Project /320.) The proposed documentation of a 'before picture' will be useful to GEM, because fishing pressure may effectively remove the larger size class pollock from the sound as has happened in the Bering Sea.

#### This proposal from qualified investigators does not present a convincing case that confounding factors can be adequately controlled to resolve the restoration objectives is thus likely to be limited. Do not fund.

#### Do not fund based on Chief Scientist's recommendation. This project would use stable isotope analysis to examine the trophic position of walleve pollock under different conditions. The reviewers expressed concern about the experimental design of the project and whether unambiguous results could be obtained using the methods proposed.

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August 12, 2002

Craig Downs EnVirtue Biotechnologies, Inc. 1866-C East Market Street, Suite 164 Harrisonburg, VA 22801

RE: Project 030587 / Understanding the Cellular Processes of Recovery and its Utility in Oil-Spill Restoration Efforts

Dear Craig,

On August 6, 2002 the *Exxon Valdez* Oil Spill Trustee Council acted upon Phase I of the Fiscal Year 2003 Work Plan. At that meeting, the Council voted to defer action on Project 030587/Understanding the Cellular Processes of Recovery and its Utility in Oil-Spill Restoration Efforts. The Council is tentatively scheduled to reconsider the project on November 25 following submittal and review of (a) a revised Detailed Project Description (DPD) that addresses the Chief Scientist's concerns (see enclosed summary of Chief Scientist's recommendation and Trustee Council action) and (b) a revised budget that clarifies contractual and travel costs (our estimate of the total project cost, including a Trustee agency general administration fee of nine percent, is \$148,900).

In anticipation of your project being considered in November, please submit a revised DPD and budget to the Trustee Council Office **no later than October 25, 2002**.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. If you have questions, please do not hesitate to contact me.

Sincerely,

Sandra Schuberto

Molly McCammon Executive Director

Enclosure

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracting

### TRUSTEE COUNCIL ACT

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030587	Understanding the Cellular Processes of Recovery and Its Utility in Oil-Spill Restoration Efforts	C. Downs/EnVirtue Biotechnologies, Inc.	NOAA	New 1st yr. 1 yr. proj	\$0.0 ect	\$148.9	\$0.0	\$0.0

#### Project Abstract

This project will elucidate the cellular and genomic mechanisms that affect the rate of recovery in bivalve species impacted by the oil spill. The project will (a) determine the adverse affects of a long-term oil-spill exposure on specific processes of cellular physiology and genomic integrity that could potentially impede or slow the rates of recovery in populations of Protothaca staminea and (b) determine the link between cellular-physiological condition with PAH-body burden in these two species of bivalves by characterizing these parameters in populations from sites that exhibit different levels of oil contamination. Completion of this work may provide a foundation to address guestions critical to the issue of variable rates of recovery in both invertebrate and vertebrate species in oil-impacted areas. It will provide new and powerful tools to improve monitoring methodologies, as well as potentially providing valuable information for restoration efforts.

#### Chief Scientist's Recommendation

This project will apply a battery of biomarkers to determine the sublethal impact of residual oil to mollusk physiology. Some interesting data is presented in the proposal. However, there is no proof of principle for the effects postulated, the proposal lacks a strong justification from the existing biomarker literature, and it is not entirely clear how experienced the investigators are in this area. In light of the preliminary data submitted in the proposal, however, the investigators should be encouraged to address these weaknesses in a revised proposal. Defer pending submittal and review of a revised Detailed Project Description that addresses the peer reviewers' concerns.

#### Trustee Council Action

Defer decision on funding this project until November pending submittal and review of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns (proof of principal, reference to existing biomarker literature, and principal investigators' experience) and (b) a revised budget that clarifies (and probably reduces) contractual and travel costs (the amount in the recommended column above is a placeholder). This project is designed to determine the sublethal impact of residual oil to mollusk physiology and how exposure to residual oil might be slowing recovery of mollusks.

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August 12, 2002

Robert Perkins Civil & Environmental Engineering, UAF PO Box 755900 Fairbanks, AK 99775-5900

RE: Project 030594 / Development of an Alaska Standard Species for Marine Toxicity Testing-The Alaska Green Urchin

Dear Robert,

As in past years, the *Exxon Valdez* Oil Spill Trustee Council received more proposals for Fiscal Year 2003 than it was able to fund.

In June I notified you of my recommendation that the Trustee Council not fund Project 030594/Development of an Alaska Standard Species for Marine Toxicity Testing-The Alaska Green Urchin. The Council acted on Phase I of the FY 2003 Work Plan on August 6, 2002. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 03. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Sandra Schubert

Molly McCammon Executive Director

Enclosure

cc: Bill Hauser, ADF&G Project Manager



## TRUSTEE COUNCIL ACT - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom
030594	Development of an Alaska Standard Species for Marine Toxicity Testing The Alaska Green Urchin		ADFG	New 1st yr. 1 yr. proj	\$0.0	\$0. <b>0</b>	\$0.0	\$0.0
This project will		<u>Chief Scientist's Recomme</u> The core tasks in this proposal hav	e already been		fund based o	<u>stee Council A</u> n Chief Scient		
species. None of or recommende Agency and othe cold-water test a species to make species is unsat and this practice of the results. D crude oil compo dispersants and developing the A	of the standard test procedures required d by the Environmental Protection er environmental regulators use animals. Use of typical warm-water e decisions about Alaska conditions and tisfactory from a scientific standpoint, e also interferes with public acceptance Decisions requiring toxicity testing include ments and cleanup chemicals, such as beach cleaners. This project proposes Alaska green urchin as a test species. fertilization and embryo development are	done and extensively published by colleagues at the University of Was the 1980s. The project also has lim restoration. Do not fund.	shington during	recomm	n <b>end</b> ation.			



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August 12, 2002

Dennis C. Lees Littoral Ecological & Environmental Services 1075 Urania Ave. Leucadia, CA 92024

#### RE: Project 030574 / Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound

Dear Dennis,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$36,000 for Project 030574/Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound. This includes \$33,000 in direct project funds and \$3,000 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents are received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandre Schubert

Molly McCammon Executive Director

Enclosures (2)

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracting

## TRUSTEE COUNCIL ACT

injury to these assemblages. A finding that our

considerable proportion of mixed-soft beaches in treated

areas of the sound remains extremely disturbed and that these beaches are functionally impaired in terms of their ability to support foraging by damaged nearshore vertebrate predators such as sea otters and harlequin

conclusions are accurate will indicate that a

ducks.

### - FY 03 PHASE I WORK PLAN

generalized over a larger geographic range.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030574	Assessment of Bivalve Recovery or		NOAA	Cont'd	\$36.0	<b>\$0</b> .0	\$0.0	\$0.0
	Treated Mixed-Soft Beaches in Prir William Sound	nce Services		2nd yr. 2 yr. proj	ject			
<u>F</u>	Project Abstract	Chief Scientist's Recommenda	<u>ition</u>		Trus	tee Council A	ction	
Studies from 1989 through 1997 suggest that bivalve assemblages on beaches in Prince William Sound with high-pressure hot-water washing remain severely damaged in terms of species composition and function. This project will assess the generality of this apparent		been recognized in the Restoration Plan, but not		initiatec Adminis continu	l under the Na stration's HAZ ing effects of	project, whic ational Ocean MAT program shoreline clea , thus allowing	ic and Atm to docum anup on poj	ospheric ent oulations

## Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date



441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002

Stanley Rice, PhD NOAA NMFS Auke Bay Lab 11305 Glacier Hwy Juneau, AK 99801

Jeffrey W. Short NMFS/Auke Bay Laboratory 11305 Glacier Hwy Juneau, AK 99801-8626

Mandy Lindeberg NMFS Auke Bay Lab 11305 Glacier Hwy Juneau, AK 99801

Jim Bodkin USGS-BRD 1011 E Tudor Road Anchorage, AK 99503-6119

Brenda Ballachey ABSC USGS BRD 1011 E Tudor Road Anchorage, AK 99503

RE: Project 030620 / Lingering Oil and Predators: Pathways of Exposure and Population Status

Dear Jeep, Jeff, Mandy, Jim and Brenda,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting on August 6, 2002. I am writing to inform you that the Council took the following action on Project 030620/Lingering Oil and Predators: Pathways of Exposure and Population Status:

• Approve \$192,300 for USGS component (this includes \$176,400 in direct project funds and \$15,900 in agency administrative costs)

 Defer a decision on NOAA component pending a workshop to be held Fall 2002 on the results to date from Project /585, Lingering Oil: Bioavailability and Effects to Prey and Predators

A copy of the Council's action on your project is enclosed.

Before the USGS component may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. For more information, please contact the project manager for your agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sundra Selubert Molly McCammon

**Executive Director** 

Enclosures (2)

Dede Bohn, DOI-USGS Project Manager CC: Pete Hagen, NOAA Project Manager

#### TRUSTEE COUNCIL ACT

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030620	Lingering Oil and Predators: Pathways of Exposure and Population Status	S. Rice, J. Short, M. Lindeberg/NOAA; J. Bodkin, B. Ballachey/USGS-DOI	NOAA & DOI	New 1st yr. 2 yr. proje	\$192.3 ect	\$151.3	\$30.0	\$30.0

Chief Scientist's Recommendation

#### **Project Abstract**

Lingering oil and continued effects to sea otters and sea This is an important project for understanding the ducks are the most surprising and best documented long term impacts of the oil spill. Strong evidence is accumulating which implicates lingering oil as a factor constraining recovery of the nearshore ecosystem in western Prince William Sound. Acute and chronic contamination of sediments and prev species were well documented during the years following the spill. Twelve vears later, elevated biomarker levels in sea otters and sea ducks have indicated continued exposures to hydrocarbons, Evidence implicating a route of exposure to date has been largely circumstantial. However, in 2001 and 2002, extensive sampling was undertaken to document the distribution, abundance, and bioavailability foraging activities to the contamination of the forage of lingering oil along those shorelines most heavily impacted by the spill. This has paved the way for identifying specific areas where sea otters and sea ducks could be currently foraging and exposed to lingering oil. This project is an outgrowth of the earlier studies and will focus on the direct pathways of lingering oil to sea otter and sea duck populations in two heavily impacted bays in the western sound.

lingering effects of the oil spill in some of the most heavily oiled localities from 1989. It is a very good to excellent proposal that addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including sea ducks (harlequins) and sea otters, which have not recovered from the effects of the spill and are apparently still exposed to lingering oil. There is some concern about the experimental design for the prev base study (the National Oceanic and Atmospheric Administration (NOAA) component), particularly being able to relate the location of base. The means of contamination--eating versus external contact -- is also a question. Fund USGS on funding NOAA component pending consultation

with the peer review team.

#### **Trustee Council Action**

Fund USGS (U.S. Geological Survey) component on sea otters and harlequin ducks (\$192,300); defer decision on funding NOAA (National Oceanic and Atmospheric Administration) component on habitat and lingering oil (\$151,300) pending a workshop to be held Fall 2002 on the results to date from Project 03585/Lingering Oil: Bioavailability and Effects to Prev and Predators. If funded, funding for the NOAA component will be contingent on submittal of the principal investigators' overdue reports (00454, 01195) and manuscript (00598) from prior years. This project follows on Project 02585, which is integrating studies of sea otters and harlequin ducks with findings of the lingering oil survey conducted Summer 2001 (Project 01543). The project is designed to address additional objectives related to the potential effects of remaining (U.S. Geological Survey) component; defer decision intertidal oil deposits--specifically in regard to the food web--on sea otters and harlequin ducks, both of which have not recovered from the oil spill and are apparently still exposed to lingering oil.

## **Signature Form**

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY **BEGIN.** If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-Pl

Signature of co-PI

\* These documents are available on the web at www.oilspill.state.ak..us or upon request from the Trustee Council Office.

Date

Date

Date



441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 12, 2002

Stanley Rice, PhD NOAA NMFS Auke Bay Lab 11305 Glacier Hwy Juneau, AK 99801

Jeffrey W. Short NMFS/Auke Bay Laboratory 11305 Glacier Hwy Juneau, AK 99801-8626

Jim Bodkin USGS-BRD 1011 E Tudor Road Anchorage, AK 99503-6119

Brenda Ballachey ABSC USGS BRD 1011 E Tudor Road Anchorage, AK 99503

Dan Esler Center for Wildlife Ecology, Simon Frasier University 5421 Robertson Road, RR1 Delta, British Columbia V4K 3N2

RE: Project 030585 / Lingering Oil: Bioavailability and Effects to Prey and Predators

Dear Jeep, Jeff, Jim, Brenda, and Dan,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$121,600 for Project 030585/Lingering Oil: Bioavailability and Effects to Prey and Predators contingent on (a) approval by the Chief Scientist of the revised Detailed Project Description and (b) submittal of overdue reports (projects 00454 and 01599) and manuscript (project 00598). Funding includes \$111,600 in direct project funds and \$10,000 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 03 is expected to be the final year of Council contribution to this project.

In addition to satisfying the conditions specified above, before a project may begin the principal investigator must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in satisfying the conditions, submitting the signature form, or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schuberton

Molly McCammon Executive Director

Enclosures (2)

cc: Dede Bohn, DOI-USGS Project Manager Pete Hagen, NOAA Project Manager

### **TRUSTEE COUNCIL ACT**

#### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or . Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030585	Lingering Oil: Bioavailability and Effects to Prey and Predators	J. Rice, J. Short/NOAA; J. Bodkin, B. Ballachey/USGS; D. Esler/Simon Fraser Univ.	NOAA & DOI	Cont'd 2nd yr. 2 yr. proje	\$121.6 ct	<b>\$0</b> .0	\$0.0	\$0.0

Chief Scientist's Recommendation

#### **Project Abstract**

About 20 acres of contaminated beach were found in 2001 surveys of western Prince William Sound conducted under Project 01543. In these areas, sea otters and harlequin ducks have not recovered, raising concerns that continued oil exposure may be affecting their survival. Biochemical assays and mortality patterns apparently still exposed to lingering oil. This is a are consistent with continuing oil exposures, but prior to this study, linkages between oil persistence and impacts at higher trophic levels had not been attempted. In this study, shoreline contamination, exposure and effects were examined simultaneously by choosing a common set of sites at which to assess oil persistence and biological impacts on sea otters and harlequin ducks. Fieldwork was conducted in FY 02, and closeout activities, including data analyses and writing of reports and publications, will be done in FY 03. The National Oceanic and Atmospheric Administration's Auke Bay Lab has been leading the studies of oil bioavailability and impacts to prev species; Department of Interior-U.S. Geological Survey has been directing the studies on sea otters and harlequin ducks.

This is a very good to excellent proposal that addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including clams and intertidal fish, sea ducks (harlequin ducks) and sea otters, which are closeout of the two-year project to document oil remaining in the intertidal and how it may be available to higher trophic levels. The request for funds to analyze oil-exposed bivalves is warranted, as this may establish an exposure pathway to higher trophic levels. The project is related to Project 03620, but the latter project focuses more closely on relating foraging area to exposure. Fund, including funds for additional chemical analyses and sediments. analysis of interstitial water samples.

#### **Trustee Council Action**

Fund closeout of this project, including funds for additional chemical analyses and analysis of interstitial water samples, contingent on (a) approval of the revised Detailed Project Description, which reflects this additional work and (b) submittal of overdue reports (00454, 01599) and manuscript (00598). This project, which integrates studies of sea otters and harlequin ducks with continued assessment of oil persistence, is the product of a workshop convened in 2001 to review results from Project 01543/Evaluation of Oil Remaining in the Intertidal and to identify information gaps. The project's objective is to determine if the signs of continued oil exposure in sea otters and harlequin ducks are linked to the oil remaining in intertidal

## Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Marilyn Sigman Center for AK Coastal Studies PO Box 2225 Homer, AK 99603

RE: Project G-030575 -- Designing a Community Involvement/Community-Based Monitoring Plan for GEM

Dear Marilyn,

The *Exxon Valdez* Oil Spill Trustee Council acted on Phase I of the Fiscal Year 2003 Work Plan at its meeting August 6, 2002. I am pleased to inform you that the Council approved funding in the amount of \$109,600 for Project G-030575 (Designing a Community Involvement/Community-Based Monitoring Plan). This includes \$51,800 for Phase I (of this amount, \$47,500 is for project costs and \$4,300 is for NOAA's administrative costs) and \$57,800 for Phase II (of this amount, \$53,000 is for project costs and \$4,800 is for NOAA's administrative costs). Please note that the Phase II funds are contingent on satisfactory completion of Phase I. A copy of the Council's action on your project is enclosed.

Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, NOAA must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. NOAA must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects these steps will occur before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form, documenting NEPA compliance will delay start of the project. For more information, please contact NOAA's EVOS project manager:

Pete Hagen National Oceanic and Atmospheric Administration 11305 Glacier Highway, Auke Bay, Alaska 99801-8626 Phone 907-789-6096/Fax 907-789-6608 Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert Molly McCammon for Executive Director **Executive Director** 

Enclosures (2)

cc: Pete Hagen, NOAA Project Manager Sharon Kent, NOAA Contracting

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### TRUSTEE COUNCIL ACT - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030575	Designing a Community Involvement/Community-Based Monitoring Plan for GEM	M. Sigman/Center for Alaskan Coastal Studies, et al	NOAA	New 1st yr. 1 yr. proj	\$109.6 ject	\$0. <b>0</b>	\$0.0	\$0.0
This project will a community involu- monitoring plan f communities in t by (a) a case his community-base conceptual found assessment to id and indicators as Resource Comm Planning Proces processes. Reco new approaches	roject Abstract design and produce a draft GEM vement and community-based to address the needs of diverse he region. This initiative will be informed story review of working models of ed monitoring efforts relevant to the GEM dation, (b) a regional capacity dentify potential partnerships, (c) issues is identified by Chugach Regional hission's Tribal Natural Resource is and other community planning ommendations will include identifying is to melding Western science and local nowledge and pilot community-based cts.	Chief Scientist's Recommenda This project promises to produce a case review of other similar programs, unde regional capacity assessment, identify indicators from Chugach Regional Res Commission's Tribal Natural Resource identify new approaches to link western local ecological knowledge. These deli address a very important aspect of the program. Despite some problems (lack clarity in portions of the proposal), this proposal. Fund.	e-study rtake a issues and ource Plans, and science ar verables wil GEM c of detail ar	Fund, v (develo of poss satisfac monitor plannin Counci commu d It will be under F Knowle empha monitor tribes' s Projec will incl	Trus vith authoriza pment of frar ible pilot proje- tory completi- ing capacity g; \$51,800). l's interest in unity involvem uild on some Project /052 (f dge/Tribal St sisdevelopm ring plan as o stewardship o ct /052 has bu ude non-triba	stee Council A tion of funds for nework docum ects; \$57,800) ion of Phase I assessment, li This project a a strong and n ent/community of the efforts f Community In- ewardship) but nent of a regio posed to dev apacity and (b een limited to I community g ist of participa	or Phase II nent and de contingent (communit iterature re- ddresses th neaningful y monitorin unded in ea volvement/ t with (a) a nwide com velopment o b) a broade tribes only; proups and	on yview, and ne Trustee role for g in GEM. arlier years Traditional different munity of specific r focus this project add Homer

### **Signature Form**

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-Pl

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

Exxon Valdez Oil Spill Trustee Council

441 W. 5". Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Patty Brown-Schwalenberg Chugach Regional Resources Commission 4201 Tudor Centre Dr., Suite 300 Anchorage, AK 99508

RE: Project G-030052 / Tribal Natural Resource Stewardship

Dear Patty,

On August 6, 2002 the *Exxon Valdez* Oil Spill Trustee Council acted upon Phase I of the Fiscal Year 2003 Work Plan. At that meeting, the Council voted to defer action on Project G-030052/Tribal Natural Resource Stewardship, except for approval of a small amount of interim funding (\$30,100 as outlined in the enclosed copy of the Council's action; this includes \$27,600 in project funds and \$2,500 in ADF&G administrative costs). The Council is tentatively scheduled to reconsider the project on November 25 following a review of FY 02 results (completion of Tribal Natural Resource Plans; tribal participation in technical workshops/training sessions; communication of EVOS results to villages). In addition, the Detailed Project Description (DPD) and budget need to be revised to more directly build on the work performed in FY 02 and to clarify how Project 03052 will coordinate with Project 030575/Designing a Community Based Monitoring Plan for GEM.

In anticipation of your project being considered in November, please submit a detailed discussion of the project's FY 02 results, along with copies of the completed Tribal Natural Resource Plans and a revised DPD/budget, to the Trustee Council Office **no** later than October 25, 2002.

Before the interim funds may be spent, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects these documents will be received before October 1, 2002. If so, you may receive authorization from the Executive Director to begin the FY 03 project on that date. Any delay in submitting the signature form or documenting NEPA compliance will delay start of the project. For more information, please contact the project manager for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. If you have questions, please don't hesitate to give me a call.

Sincerely,

Sundra Schubert Molly McCammon for

Molly McCammon Executive Director

Enclosure

cc: Bill Hauser, ADF&G Project Manager

### TRUSTEE COUNCIL ACT

### - FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030052	Tribal Natural Resource Stewardship and Meaningful Tribal Involvement in GEM	P. Brown- Schwalenberg/CRRC	ADFG	Cont'd 9th yr.	\$30.1	\$150.5	\$192.6	

#### **Project Abstract**

#### In FY 03, this project will focus on four objectives: (a) establishing Core Action Plans for the Tribal Natural Resource Plans being developed in FY 02, (b) identifying priority regional and community-specific research and monitoring issues and concerns and fitting them to community-based research and monitoring activities, especially those related to GEM, (c) conducting a "Wisdomkeeper Series" for discussing and community commitment to implementation of the sharing research and monitoring issues with selected biologists, scientists, elders, and traditional knowledge experts, and (d) developing pilot community-based research and monitoring projects for potential implementation in FY 04. Communities involved in the project are Tatitlek, Chenega Bay, Port Graham, Nanwalek, Cordova/Eyak, Seward/Qutekcak, Seldovia, Valdez, Kodiak Island Region/Ouzinkie, and the Alaska Peninsula Region/Chignik Lake.

The Trustee Council has committed to community involvement in both the GEM and ongoing oil spill programs. This proposal cannot be fully evaluated until the Tribal Natural Resource Plans scheduled for completion in FY 02 from this project have been reviewed by the Trustee Council. These need to be reviewed for their content, relationship to GEM, and plans. Defer funding pending receipt of these plans.

**Chief Scientist's Recommendation** 

#### **Trustee Council Action**

Fund interim amount -- \$30,100 for Resource Program Planner first guarter salary (\$15,000), WisdomKeeper Workshop scheduled for November (\$7,000), tribal participation in GEM planning meetings (\$2,000), and related overhead (\$3,600) and general administration (\$2,500) costs; defer decision on balance of funding pending a review of FY 02 results (completion of Tribal Natural Resource Plans; tribal participation in technical workshops/training sessions; communication of EVOS results to villages). The Detailed Project Description and budget need to be revised to more directly build on the work performed in FY 02 and to avoid duplication with Project 03575, Designing a Community Involvement/Community Based Monitoring Plan for GEM. The overall goal of this project--community involvement and development of local stewardship capacity--is a priority of the Trustee Council and an essential component of GEM.

### Signature Form

THIS FORM MUST BE SIGNED BY THE PRINCIPAL INVESTIGATOR AND SUBMITTED TO THE TRUSTEE COUNCIL OFFICE BEFORE A PROJECT MAY BEGIN. If the project has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Return this form by fax (907-276-7178) or by mail (441 W. 5th Ave., Suite 500, Anchorage, AK 99501-2340).

By submission of this proposal, I agree to abide by the Trustee Council's data

policy (Trustee Council/GEM Data Policy\*, adopted July 9, 2002) and reporting

requirements (Procedures for the Preparation and Distribution of Reports\*,

adopted July 9, 2002).

Signature of PI

Signature of co-PI

Signature of co-PI

\* These documents are available on the web at <u>www.oilspill.state.ak..us</u> or upon request from the Trustee Council Office.

Date

Date

Date

## Exxon Valdez Oil Spill Trustee Council

441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178 **MEMORANDUM** 

- TO: Dede Bohn, DOI-USGS Tony DeGange, DOI-USFWS Carol Fries, ADNR Pete Hagen, NOAA Bill Hauser, ADF&G
- FROM: Molly McCampon Executive Director

RE: Authorization to Spend: FY 03 Work Plan (Phase I)

DATE: August 7, 2002

At its August 6, 2002 meeting, the Trustee Council approved a total of \$3,725,200 for 27 projects for the FY 03 Phase I Work Plan. In order for these funds to be available at the beginning of the 2003 fiscal year, a number of steps need to be completed.

As in past years, a letter of authorization from the Executive Director will be required on each project before spending can occur. The Trustee Council's project approval was subject to the following conditions: timely completion of late reports and manuscripts, NEPA compliance, submittal by each PI of a signed form indicating their agreement to abide by the Council's new data and report requirements, and any additional conditions specified in the individual project recommendations. It is my hope that these conditions will be satisfied by September 30 so that I can authorize all projects to proceed at the beginning of FY 03.

# <u>Please note that the signature form is a new requirement this year.</u> Proposers were informed of this requirement by e-mail July 18, 2002.

Letters are being prepared under my signature to each PI who submitted a proposal for FY 03 Phase I, notifying them of the Trustee Council's recent action. The letters, which explain the conditions for Executive Director authorization, will be mailed out over the next several days, with a copy going to the appropriate agency project manager. I expect the PIs to work through the project managers if they have questions about late reports, NEPA, the signature form, special conditions, or any other aspect of the project approval process.

### Late Reports and Manuscripts

The Trustee Council's motion directed the Executive Director to withhold authorizations to spend FY 03 project funds until late reports and manuscripts have been submitted. The motion reads:



If a PI has an overdue report or manuscript from a previous year, no funds maybe expended on a project involving the PI unless the report/manuscript is submitted or a schedule for submission is approved by the Executive Director. k

A list of late reports is attached.

#### **NEPA Compliance**

The Trustee Council's motion directed the Executive Director to withhold authorizations to spend FY 03 project funds until NEPA compliance is documented. The motion reads:

A project's lead agency must demonstrate to the Executive Director that requirements of NEPA are met before any project funds may be expended (with the exception of funds spent to prepare NEPA documentation.)

A draft list of projects requiring NEPA documentation is attached. Because many of the FY 03 Phase I projects are continuing projects, a CE or EA is on file here at the Trustee Council Office for FY 02. In these cases, the lead NEPA agency needs to simply confirm that the CE or EA already on file applies as well to the project activity that will be conducted in FY 03. For new projects, the attached list identifies a NEPA lead agency based on past practice. If you have questions or changes to any of the information on the list, please contact Sandra Schubert.

#### Signature Form

The Trustee Council's motion directed the Executive Director to withhold authorizations to spend FY 03 project funds until a signature form is submitted by each project's PI. The motion reads:

A PI for each project must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements before any project funds may be expended.

A blank signature form is being sent to each PI as an enclosure in the notification letters currently being prepared.

### **Special Conditions**

A few projects have special conditions or contingencies that must be met before FY 03 work can proceed. Any such conditions are spelled out in the Trustee Council Action field on Spreadsheet B, which is attached.

Please let me know if you envision any problems with the above items.

Attachments:	List of late reports
	NEPA compliance spreadsheet
	Spreadsheet B

### ATTA ..../IENT B Overdue Reports (as of 8/7/02)

Agency	Project	PI	Final or	Project Title	Status of Report
	Number		Annual		
ADEC	98291	See	Final	Chenega shoreline oiling	Peer reviewed; returned to PI for revision 2/18/00.
ADEC	00530	See	Final	Lessons learned	Peer reviewed; returned to PI for revision 12/10/01.
ADFG	93033-2	Rothe	Final	Harlequin restoration	Never submitted; most recent due date was 7/1/98; then expected 5/31/00; now expected 7/1/02.
ADFG	99139A2	Dickson	Final	Port Dick restoration	Peer reviewed; returned to PI for revision 12/15/00.
ADFG	99162B	Kennedy	Ms.	Herring disease	4 manuscripts were due 9/30/00; 3 not submitted.
ADFG	99252-1	L. Seeb	Final	Genetics project: pollock component	Never submitted; was due 9/30/99; then expected 4/30/00; then expected 3/02.
ADFG	99252-2	L. Seeb	Final	Genetics project: black rockfish component	Never submitted; was due 1/31/00; then expected 6/30/00; then expected 4/02.
ADFG	00273	Rosenberg	Annual	Surf scoters	Never submitted; was due 9/30/01.
ADFG	00371	Schell	Final	Harbor seal isotopes	Never submitted; was due 11/15/01 (extended from 9/30/01).
ADFG	00509	Small, Frost	Final	Harbor seal long-term monitoring	Peer reviewed; returned to PI for revision 6/18/01.
ADFG	01064	Frost	Ms.	Harbor seals	7 ms. due in March, June, Sept., and Dec. 2001 & March 2002 are overdue
ADFG	01163	E. Brown	Ms.	APEX synthesis ms. (A/T)	Never submitted; was due 9/30/01. Now expect 6/30/02.
ADFG	02441	R. Davis	Final	Harbor seal diet	Never submitted; was due 6/30/02. (5 ms. also being prepared)
ADFG	02612	Hauser	Plan	Marine-terrestrial linkages	Never submitted; was due 4/15/02. Now expect mid- July 2002.
ADNR	99007A	Bittner	N'book	Archaeology	Restoration Notebook Series was due 4/15/00; never submitted. Bittner has taken over for Reger, who retired.
ADNR	99180	Weiner	Final	Kenai River Restoration	Peer reviewed; returned to PI for revision 10/11/01.
DOI	99459	Irvine	Final	GOA residual oil	Peer reviewed; returned to PI for revision 3/27/01.
DOI	00169	Friesen	Final	Seabird genetics	Never submitted; was due 3/31/02; then expected 5/31/02; now expected 7/31/02.
DOI	00327-2	Divoky	Final	Pigeon guillemots	Never submitted; was due 9/30/01.
report2				8/7/02	1

### ATTACHMENT B Overdue Reports (as of 8/7/02)

				Overuue Reports (as c	, 6///02)
DOI	00501	Piatt	Final	Seabird monitoring protocols	Never submitted; was due 9/30/00; due date extended to 10/31/00; then expected 3/31/02.
DOI	01163	Piatt	ms.	APEX synthesis ms. (M/E/I/)	Never submitted; was due 9/30/01.
DOI	01338	Piatt	Final	Murre/kittiwake survival	Never submitted; was due 9/15/01; now expect 9/15/02.
DOI	01555	Lanctot	Final	Stress hormones	Peer reviewed; returned to PI for revision 11/19/01. Now expected 10/1/02 as additional sample collection and lab work is need to respond to peer review.
NOAA	99090	Carls	Final	Mussel bed monitoring	Never submitted due to loss of 2 ABL personnel; was due 4/15/00; due date was extended to 8/25/00; then expected 1/1/01; then expected 2/02; then expected 5/02. (ms. also not submitted)
NOAA	99163	Duffy, et al	Final	APEX	Never submitted; was due 9/30/00 (delay due to delay in Piatt's subproject M, which has now been submitted).
NOAA	00048	Ruggerone	Ms.	Sockeye salmon	2 manuscripts were due 12/99; then expected 11/15/00 and 3/01.
NOAA	00330	Pauly & Okey	Ms.	Mass-balance model	4 manuscripts were due 9/30/00; 1 not submitted.
NOAA	00454	Rice	Final	Salmon natal habitats	Never submitted; was due 9/30/01.
NOAA	00493	Anderson	Final	Trawl survey	Peer reviewed; returned to PI for revision 7/12/01.
NOAA	00510	McDonald	Ms.	Intertidal monitoring recommendations	Two manuscripts were due 4/15/00; 1 not submitted.
NOAA	00598	Short	Ms.	EVO vs. regional background hydrocarbons	Never submitted; was due 8/00; was expected 7/1/01; then 5/02; then 8/02; now 12/02.
NOAA	01163	Duffy, et al	14 ms.	APEX synthesis ms.	Never submitted; were due 9/30/01.
NOAA	01401	O'Clair	Final	Spot shrimp	Never submitted. Was due 4/15/02 but PI retired; now expect 9/1/02.
NOAA	01476	Heintz	Annual	Oiled incubation	Never submitted; was due 4/15/02.
NOAA	01492	Thedinga	Final	Bias in pink salmon embryo studies	Never submitted; was due 4/15/02; now expect 9/1/02.
NOAA	01599	Short -	Final	Yakataga oil seeps	Never submitted; was due 4/15/02; now expect
				0/7/02	

### ATTAuni/IENT B Overdue Reports (as of 8/7/02)

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USFS	98145	Reeves	Final	Cutts & dollys:	Peer reviewed; returned to PI for revision 12/15/00;
				anadromous forms	was expected 1/02; then expected 4/02.
USFS	99339-2	Suring	Final	Human use model &	Never submitted; was due 12/31/99, then expected
				recommendations	4/1/02. PI transferred out of state and is completing
					on own time.

## NEPA: FY O3 PHASE I WORK PLAN (projects approved by Trustee Council 8/6/02)

Proj.No.	Project Title	<u>New or</u> Cont'd	<u>NEPA</u> Lead Agency	For Continuing Projects: Prior Year NEPA	<u>NEPA Status:</u> FY 03 Activity
ADFG					
030052	Tribal Natural Resource Stewardship and Meaningful Tribal Involvement in GEM	Cont'd	DOI	CE	
030190	Construction of a Linkage Map for the Pink Salmon Genome	Cont'd	NOAA	CE	
030210	Youth Area Watch	Cont'd	DOI	CE	
030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	Cont'd	NOAA	CE	
030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	Cont'd	NOAA	CE	
030584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	Cont'd	DOI	CE	
030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	New	DOI		
030610	Kodiak Archipelago Youth Area Watch	Cont'd	DOI	CE	
030614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	Cont'd	NOAA	CE	
030649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	Cont'd	NOAA	CE	
ADNR					
030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	Cont'd	N/A	N/A	N/A (manuscript preparation only)
DOI					
030423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	Cont'd	DOI	CE (EA for part)	
030561	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM	Cont'd	DOI	N/A	
030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	Cont'd	DOI	N/A	
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### NEPA: FY O3 PHASE I WORK PL

## (projects approved by Trustee Council 8/6, vz)

<u>Proj.No.</u>	Project Title	<u>New or</u> <u>Cont'd</u>	<u>NEPA</u> <u>Lead</u> Agency	For Continuing Projects: Prior Year NEPA	<u>NEPA Status:</u> FY 03 Activity
NOAA					
030012	Photographic Monitoring of Resident Killer Whales	Cont'd	NOAA	CE	
030290	Hydrocarbon Database and Interpretation Service	Cont'd	NOAA	CE	
030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	Cont'd	NOAA	CE	
030574	Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound	Cont'd	NOAA	CE	
030575	Designing a Community Involvement/Community-Based Monitoring Plan for GEM	New	NOAA		
030607	Geographic Information Systems (GIS) Map of Water Quality Monitoring Sites Across the Gulf of Alaska	New	NOAA		
030625	Prince William Sound Isotope Ecology Synthesis	New	NOAA		
030636	Management Applications: Commercial Fishing	Cont'd	NOAA		
NOAA & D	01				
030585	Lingering Oil: Bioavailability and Effects to Prey and Predators	Cont'd	NOAA	CE	
030620	Lingering Oil and Predators: Pathways of Exposure and Population Status	New	DOI		

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SPREADSH Proj.No.	EET B: TRUSTEE COUNCI Project Title	L ACTION (TEXT SPREAD	SHEET) Lead Agency	FY 03 New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	PLAN FY 04 Request	FY 04 Recom.
Oil Spill: Linge	ering Injury				\$428.0	\$151.3	\$52.7	\$52.7
030190	Construction of a Linkage Map for the Pink Salmon Genome	he F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. proj	\$54.5	\$0.0	\$0.0	\$0.0
This is the final y experiments con that use a linkag effects of regions important to the and survival). In adults were colle cohort produced Likes Creek. In the returning adu differences in ma (e.g., body, size,	oject Abstract rear of a project based upon ducted at the Alaska SeaLife Center e map that was constructed to test for s of the genome on traits that are recovery of pink salmon (e.g., growth summer 2001, 259 sexually mature octed in Resurrection Bay from the 1999 from wild pink salmon collected from FY 03, the analysis of the genotypes in ults will be completed to test for genetic arine survival and other life history traits egg number, and egg size) and a final of will be prepared.	Chief Scientist's Recommend This is the final year of a long-term pro- done a good job overcoming unexpect challenges. The genome map will be variety of future studies of pink salmo useful for future pink salmon manage Southcentral Alaska. Based on the pr appears that the data analysis is in the completion, and it seems appropriate principal investigator with funding to c identified data analysis and prepare in Fund.	Fund revised proposal, which reduces the cost of remaining data analysis and manuscript/final representation. This project is important for underst the genetic traits of pink salmon that affect grow survival. In addition, the work being done under to proposal, it project will contribute to answering questions important for interactions. For example, are hatchery fish chat to gene pool in a way that makes wild fish mala			report erstanding owth and er this important fish changing naladapted sh getting		
030290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA	Cont'd 12th yr.	\$22.5	\$0.0	\$22.7	\$22.7
This ongoing pro services for all s analysis in suppo data represent s 1989 to the pres laboratory Nation restoration data. interpretive servi releases of the h	roject Abstract bject provides data and sample archiving amples collected for hydrocarbon ort of Trustee Council projects. These amples collected since the oil spill in ent and include environmental and hal Resource Damage Assessment and Additionally, this project provides ices for hydrocarbon analysis, public hydrocarbon and pristane databases, maintenance of the hydrocarbon	Chief Scientist's Recommend This is a small project, but critical to tremaining oil and its fate. Studies that whether the remaining intertidal subst Prince William Sound is contaminatin require the support of this service pro amount of oil from the spill subsides, the hydrocarbon sources is a question assumes greater importance. This pri- source identification determinations be chemical analyses that are stored in the The technical approach is sound, as a demonstrated by more than ten years The approach and products from this appeared in many peer reviewed pub	racking at will focus of urface oil in g the food we ject. As the the identity of n that oject makes based on the the database has been to f successe study have	n (00195 project eb of hydr studies f	ontingent on , 01195, 0159 provides the ocarbon data	stee Council A submittal of ov 99) and manus ongoing analy for other Trus	verdue repo script (0059 vsis and inte	98). This erpretation

Fund.

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### SPRE/ HEET B: TRUSTEE COUNCIL ACTION (TE

### SPREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 5th yr. 5 yr. proje	\$37.1	\$0.0	\$0.0	\$0.0

#### Project Abstract

Populations are maintained through successful reproduction: this study is designed to determine if exposure to oil impairs pink salmon reproduction. This experiment began in the fall of 1998 when pink salmon eggs were incubated in oil contaminated water. Fish that survived exposure were marked and released in the spring of 1999. They reached maturity at sea and returned to spawn in the fall of 2000. Return rates confirmed previous observations of reduced marine survival among exposed fish, but evaluations of offspring (F1) survival rates did not indicate any reproductive impact. The F1 were incubated in clean water until spring 2001 when they were marked and released. They will mature and return to the hatchery in the fall of 2002 and their reproductive ability will be evaluated by generating an F2 generation. A diminished ability to produce the F2 generation represents a genetic effect of oil transmitted to unexposed generations. Such an effect was demonstrated for similarly treated pink salmon in 1997, but corroborating data do not exist. This project is designed to retest that experiment; if diminished reproductive ability is corroborated, it would demonstrate a significant and unanticipated effect of oil pollution.

#### Chief Scientist's Recommendation

This is an important project because it rigorously tests the hypothesis that pink salmon have herritable damage expressed as reduced survival. The Trustee Council should complete this project, as it has been fundamental for understanding the damage to pink salmon from the oil spill. The FY 03 work will complete a two-generation experiment started in 1998 with exposure of salmon eggs to oil. Fund.

#### **Trustee Council Action**

Fund closeout of this project contingent on submittal of overdue reports (99347, 01476). This project is validating the effects of oil contamination on pink salmon, thus contributing to our understanding of the injury and recovery status of this injured species.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030585	Lingering Oil: Bioavailability and Effective to Prey and Predators	ects J. Rice, J. Short/NOAA; J. Bodkir B. Ballachey/USGS; D. Esler/Simon Fraser Univ.	n, NOAA & DOI	Cont'd 2nd yr. 2 yr. proj	\$121.6 ect	\$0.0	\$0.0	\$0.0
About 20 acres of 2001 surveys of conducted under otters and harled concerns that co their survival. Bi are consistent w this study, linkag at higher trophic study, shoreline were examined set of sites at wh biological impac Fieldwork was c activities, includi and publications Oceanic and Atr Lab has been lea and impacts to p	roject Abstract of contaminated beach were found in western Prince William Sound r Project 01543. In these areas, sea quin ducks have not recovered, raising ontinued oil exposure may be affecting iochemical assays and mortality patterns ith continuing oil exposures, but prior to ges between oil persistence and impacts levels had not been attempted. In this contamination, exposure and effects simultaneously by choosing a common nich to assess oil persistence and ts on sea otters and harlequin ducks. onducted in FY 02, and closeout ng data analyses and writing of reports , will be done in FY 03. The National nospheric Administration's Auke Bay ading the studies of oil bioavailability orey species; Department of Interior-U.S. ey has been directing the studies on sea	Chief Scientist's Recommenda This is a very good to excellent propose addresses the potential effects of remain intertidal oil deposits (mainly subsurface food web, including clams and intertidal ducks (harlequin ducks) and sea otters,	al that ining e) on the l fish, sea , which are This is a ment oil ay be equest for a warranted way to ted to uses more osure. Func	Fund cl addition water s Detailed addition (00195, This pro harlequ persiste 2001 to Oil Ren gaps. T of conti	Trus oseout of this hal chemical a amples, conti d Project Des hal work and ( , 00454, 0119 oject, which in in ducks with ence, is the po- review resul- naining in the The project's nued oil expo- are linked to t	stee Council A s project, inclu analyses and a ingent on (a) a cription, which (b) submittal o 05, 01599) and ntegrates stud continued as roduct of a wo ts from Projec Intertidal and objective is to sure in sea of he oil remainin	ding funds analysis of i approval of n reflects th f overdue r l manuscrip ies of sea o sessment o rkshop con t 01543/Eva to identify i determine ters and ha	nterstitial the revised is eports ot (00598). otters and of oil vened in aluation of nformation if the signs arlequin

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET) -- FY 03 PHASE I WORK PLAN

otters and harlequin ducks.

### SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

### PREADSHEET)--FY 03 PHASE I WORK PL

Proj.No. 030594	Project Title Development of an Alaska Standard		Lead Agency ADFG	New or Cont'd New	FY 03 Approved 8/6/02 \$0.0	FY 03 Deferred to 11/25/02 \$0.0	FY 04 Request \$0.0	FY 04 Recom \$0.0
	Species for Marine Toxicity Testing - The Alaska Green Urchin			1st yr. 1 yr. proj	ject			
Pro	oject Abstract	Chief Scientist's Recomme	ndation		Trus	tee Council A	<u>ction</u>	
testing procedure species. None o or recommended Agency and othe cold-water test an species to make species is unsatia and this practice of the results. De crude oil compon dispersants and I developing the A	e using cold water and an Alaska f the standard test procedures required l by the Environmental Protection r environmental regulators use nimals. Use of typical warm-water decisions about Alaska conditions and sfactory from a scientific standpoint, also interferes with public acceptance ecisions requiring toxicity testing include nents and cleanup chemicals, such as beach cleaners. This project proposes laska green urchin as a test species. ertilization and embryo development are	The core tasks in this proposal have done and extensively published by colleagues at the University of Was the 1980s. The project also has lim restoration. Do not fund.	Dinnel and his hington during		fund based o nendation.	n Chief Scient	ist's	

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030620	Lingering Oil and Predators: Pathwa Exposure and Population Status	ays of S. Rice, J. Short, M. Lindeberg/NOAA; J. Bodkin, B. Ballachey/USGS-DOI	NOAA & DOI	New 1st yr. 2 yr. proj	\$192.3 ect	\$151.3	\$30.0	\$30.0
Lingering oil and ducks are the m long term impact accumulating with constraining rec western Prince V contamination of documented du years later, elev sea ducks have hydrocarbons. E to date has bee 2001 and 2002, document the d of lingering oil a impacted by the identifying spec ducks could be lingering oil. Th	roject Abstract d continued effects to sea otters and sea nost surprising and best documented ets of the oil spill. Strong evidence is hich implicates lingering oil as a factor rovery of the nearshore ecosystem in William Sound. Acute and chronic if sediments and prey species were well ring the years following the spill. Twelve ated biomarker levels in sea otters and indicated continued exposures to Evidence implicating a route of exposure in largely circumstantial. However, in extensive sampling was undertaken to istribution, abundance, and bioavailability long those shorelines most heavily e spill. This has paved the way for ific areas where sea otters and sea currently foraging and exposed to his project is an outgrowth of the earlier focus on the direct pathways of lingering	Chief Scientist's Recommend This is an important project for unders lingering effects of the oil spill in some heavily oiled localities from 1989. It is to excellent proposal that addresses the effects of remaining intertidal oil depose subsurface) on the food web, including (harlequins) and sea otters, which hav recovered from the effects of the spill apparently still exposed to lingering oil some concern about the experimental the prey base study (the National Oce Atmospheric Administration (NOAA) c particularly being able to relate the loce	tanding the of the most a very good he potential sits (mainly g sea ducks e not and are . There is design for anic and omponent), ation of of the forag ating versus und USGS defer decisio	& DOI 1st yr. 2 yr. project 1 1st yr. 2 yr. 1st yr. 2 yr. 2 yr. 1st yr. 2 yr. 2 yr. 1st yr. 2 yr.				

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET) -- FY 03 PHASE I WORK PLAN

### SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

### PREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
Oil Spill: Reco	very Monitoring				\$340.8	\$25.0	\$18.2	\$0.0
030012	Photographic Monitoring of Residen Killer Whales	t C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 11th yr.	\$18.1	\$0.0	\$18.2	
This project will s pod of killer what cooperative prog various foundatio yearly basis since	oject Abstract support monitoring of the resident AB es and other resident pods as part of a ram with the Alaska SeaLife Center and ons. Monitoring has occurred on a e 1984; this long-term data set was ing the oil spill effects on killer whales.	Chief Scientist's Recommend This project will monitor an important k pod. Killer whales are a top trophic-lev species that is dependent on the integ marine ecosystem. Killer whales are a increasingly important species for tour industry that is worth many millions of year. The killer whale population in the Alaska has been increasing and overa population appears to be healthy. How pod declined precipitously at the time of and, for a time after the spill, appeared danger of complete disintegration. The grown since about 1994 and pod disin seems less likely. The continuation of monitoring project will provide continui the status of the AB pod. Fund, lower	iller whale el, sentinel rity of the ilso an ism, an dollars per e Gulf of Il the vever, the A of the spill I to be in e AB pod ha tegration no this ng data abo	manuso niche p beyond reduceo sources for cont William B	Y 03 only con cripts funded artitioning). A has not yet b d from earlier s of funds ava	tingent on cor in prior years of decision on f been made. F years to reflec allable to the p ring of killer w Kenai Fjords.	npletion of (mating sys unding in F unding in F ot the additi rincipal inve	Y 04 and Y 03 is ional estigator

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET)--FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.		
030462	Effect of Disease on Pacific Herring Population Recovery in Prince Willi Sound		3 ADFG	Cont'd 5th yr. 5 yr. proj	\$0.0	\$25.0	\$0.0	\$0.0		
<u>Pr</u>	roject Abstract	Chief Scientist's Recommendation	tion			stee Council A	ction			
percent) in the P William Sound w any year studied disseminated, ch best diagnosed u hoferi was not as population bioma increases in <i>I. ho</i> been associated understand the s outbreak, this pr	prevalence of <i>Ichthyophonus hoferi</i> (38 Pacific herring population of Prince vas more than 50 percent greater than in (1989-2000). <i>I. hoferi</i> causes severe, nronic disease in Pacific herring that is using histopathology. Before 2001, <i>I.</i> ssociated with unexpected declines in ass, but during the last century <i>oferi</i> prevalence in Atlantic herring have I with several disease outbreaks. To significance of the 2001 <i>I. hoferi</i> oject will analyze samples already 2001 and spring 2002 as part of Project	Herring remain one of the key non-reco species and are of substantial commerce importance, in addition to being a key con- the pelagic ecosystem. This study has do much to our understanding of disease en- herring. In the opinion of the reviewers, value of this project has been obtained contributions already made to the literate the management of the herring fishery to the VHS (viral hemorrhagic septicemia) reviewers feel there is insufficient justifies substantial investment of further research sample processing for determining the However, a modest contribution of matter to a larger effort would be in order. Fur \$25,000 if matching funds are obtained	cial component of contributed expression most of the through the ure and to by work on virus. The cation for ch money i presence o eri). ching funds id at level of	pending f to carry has ma n the hemorrie propose <i>lcthyop</i> the orga be of lo program project f Novem secure is to de	hemorrhagic septicemia in FY 02 (Project 02462). The proposer has requested funds to conduct new work on <i>Icthyophonus hoferi</i> in FY 03. The reviewers consider the organ-by-organ pathobiological study proposed to be of lower priority at this stage of the restoration program, but a modest contribution of \$25,000 to the project may be worthwhile. Deferring the project until November will provide the proposer an opportunity to secure funds from other sources. The project objective is to determine whether disease continues to limit recovery of the Prince William Sound herring					
030558	Harbor Seal Recovery: Application New Technologies for Monitoring H		ADFG	Cont'd 3rd yr. 3 yr. proj	\$286.7 ject	\$0.0	\$0.0	\$0.0		
Pi	roject Abstract	Chief Scientist's Recommenda	<u>tion</u>		Trus	stee Council A	ction			
This study is a continuation of the study to assess the potential for new technologies to monitor the endocrine and immune systems for the health of harbor seals. During year one, baseline samples were collected from both permanently captive and rehabilitation seals at the Alaska SeaLife Center. Analysis of thyroxine (T4), triiodothyronine (T3), and cortisol (metabolic and		This is an excellent proposal investigati contaminant effects on reproductive bio harbor seals. Previous concerns about assay development have been address project is on track to complete its object	logy of the pace c ed and the	develop f questio project writing corresp	oment have b ns have beer s closeout ye only) but add oonding bencl	een addresse resolved. FY ar (data analy itional sample r fees for hous	e pace of assay			

gluconeogenic hormones), and measurement of

organochlorine contaminants are currently being

been initiated, and baseline hormones have been

free-ranging seals and those failing to thrive in their environment in an effort to restore this species.

established. FY 03 will compare the profiles of

assessed. Cell lines to quantify immunoglobulins have

immunoglobulins (IgG, IgM, and IgA) and

#### Attachment B to Resolution 02-07

Center bench fees.]

proposed and is recommended for funding along with

technologies at the Alaska SeaLife Center to assess

funding amount includes \$167,600 for Alaska SeaLife

and monitor the health of harbor seals. [Note: The

closeout activities. This project is employing new

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# SPREATHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030574	Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound	D. Lees/Littoral Eco.& Environ. Services	NOAA	Cont'd 2nd yr. 2 yr. proje	\$36.0 ct	\$0.0	\$0.0	\$0.0
<u>F</u>	Project Abstract	Chief Scientist's Recommenda	<u>ition</u>		Trus	tee Council A	<u>ction</u>	

Studies from 1989 through 1997 suggest that bivalve assemblages on beaches in Prince William Sound with high-pressure hot-water washing remain severely damaged in terms of species composition and function. This project will assess the generality of this apparent injury to these assemblages. A finding that our conclusions are accurate will indicate that a considerable proportion of mixed-soft beaches in treated areas of the sound remains extremely disturbed and that these beaches are functionally impaired in terms of their ability to support foraging by damaged nearshore vertebrate predators such as sea otters and harlequin ducks.

This is the second and final year of funding for this intertidal project. The need for this work has long been recognized in the Restoration Plan, but not until last year did an affordable project appear. Fund. Fund. Fund closeout of this project, which will extend sampling initiated under the National Oceanic and Atmospheric Administration's HAZMAT program to document continuing effects of shoreline cleanup on populations of important bivalves, thus allowing the results to be generalized over a larger geographic range.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
Oil Spill: Ecos	system Recovery & Function				\$216.6	\$148.9	\$0.0	\$0.0
030423	Patterns and Processes of Populati Change in Selected Nearshore Vertebrate Predators	on J. Bodkin, B. Ballachey/USGS-BRD, D. Esler/Simon Fraser Univ.	DOI	Cont'd 5th yr 5 yr. proj	\$216.6	\$0.0	\$0.0	<b>\$0</b> .0
Sea otters and h from the oil spill, differences betw oiled areas, both P4501A, almost to oil. This proje exposure and th intent of underst these species ar The results also recovery of the s work has consist species, and a c Proposed activiti final year of hard exposure and su	roject Abstract barlequin ducks have not fully recovered based on population-level demographic veen oiled and unoiled areas. Further, in a species show elevated cytochrome certainly reflecting continued exposure ect is exploring links between oil e lack of population recovery, with the anding constraints to full recovery of nd the nearshore environment generally. serve to monitor the progress of species and the system. To date, the ted of field components for both captive component for harlequin ducks. ies for FY 03 include (a) the third and equin duck field studies quantifying oil urvival of females during winter and (b) roject components and preparation of		made S Nearshore (Project cks have ntal work with esults is urally tter component of harlequin determine if sure and	sea otte the revie compor the proj apparer meet pr nt extensio (Project otters a includes	vised propos er component ewers in rega nent have bee ect's FY 02 p nt that a third roject objectiv on of the Nea t 99025) work nd harlequin s closeout ac vriting) for bo	tee Council A al, which redu slightly. The ard to the harle an addressed reliminary res year of field s res. This proje rshore Verteb on two still-in ducks. The F tivities (final da th the sea otte	ces the cos questions r quin duck through a r ultsit is no tudy is nec tudy is nec tot is an imp rate Preda jured spec 7 03 fundin ata analysis	aised by eview of wessary to portant cor project es, sea g request s and

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET) -- FY 03 PHASE I WORK PLAN

Attachment B to Resolution 02-07

# SPREACHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
030587	Understanding the Cellular Processes of Recovery and Its Utility in Oil-Spill Restoration Efforts	C. Downs/EnVirtue Biotechnologies, Inc.	NOAA	New 1st yr. 1 yr. proj	\$0.0 ect	\$148.9	\$0.0	\$0.0

#### Project Abstract

This project will elucidate the cellular and genomic mechanisms that affect the rate of recovery in bivalve species impacted by the oil spill. The project will (a) determine the adverse affects of a long-term oil-spill exposure on specific processes of cellular physiology and genomic integrity that could potentially impede or slow the rates of recovery in populations of Protothaca staminea and (b) determine the link between cellular-physiological condition with PAH-body burden in these two species of bivalves by characterizing these parameters in populations from sites that exhibit different levels of oil contamination. Completion of this work may provide a foundation to address questions critical to the issue of variable rates of recovery in both invertebrate and vertebrate species in oil-impacted areas. It will provide new and powerful tools to improve monitoring methodologies, as well as potentially providing valuable information for restoration efforts.

#### Chief Scientist's Recommendation

This project will apply a battery of biomarkers to determine the sublethal impact of residual oil to mollusk physiology. Some interesting data is presented in the proposal. However, there is no proof of principle for the effects postulated, the proposal lacks a strong justification from the existing biomarker literature, and it is not entirely clear how experienced the investigators are in this area. In light of the preliminary data submitted in the proposal, however, the investigators should be encouraged to address these weaknesses in a revised proposal. Defer pending submittal and review of a revised Detailed Project Description that addresses the peer reviewers' concerns.

#### **Trustee Council Action**

Defer decision on funding this project until November pending submittal and review of (a) a revised Detailed Project Description that addresses the Chief Scientist's concerns (proof of principal, reference to existing biomarker literature, and principal investigators' experience) and (b) a revised budget that clarifies (and probably reduces) contractual and travel costs (the amount in the recommended column above is a placeholder). This project is designed to determine the sublethal impact of residual oil to mollusk physiology and how exposure to residual oil might be slowing recovery of mollusks.

#### FY 03 **FY 03** New or Approved Deferred to Lead FY 04 FY 04 8/6/02 Cont'd 11/25/02 Agency Request Recom. **Project Title** Proj.No. Proposer **GEM Cross-Habitat Linkage: Synthesis** \$254.5 \$0.0 \$214.3 \$184.8 ADNR Cont'd G-030600 Synthesis of the Ecological Findings R. Spies/EVOS Chief Scientist, et \$215.9 \$0.0 \$184.8 \$184.8 from the EVOS Damage Assessment al 2nd yr. and Restoration Programs, 1989-2001 3 yr. project Project Abstract **Chief Scientist's Recommendation Trustee Council Action** This project is synthesizing the results from 12 years of Proposal will not be reviewed by Chief Scientist. Fund. This project will integrate what has been learned post-spill study in the EVOS damage assessment and Two independent reviews have been conducted. from more than a decade's worth of science following restoration programs in the context of anthropogenic the oil spill. Such a synthesis will fulfill at least two and natural factors causing change in the northern Gulf purposes: (a) inform the public about the EVOS legacy of Alaska ecosystem. The result of the work will be an in a scientifically rigorous yet readable volume and (b) integrated synthesis book. The book will consist of three provide a foundation for GEM. A detailed outline for the major sections: (a) the basic structure and function of synthesis will be completed shortly and will be supplied the ecosystem, (b) how it changes over time and how it to the Trustee Council for comment. In addition, the responds in disturbances, and (c) the effect of the spill: principal investigator should work closely with the Trustee Council Office in designing the multimedia how our understanding of the ecosystem has matured and what future path will help us better understand this presentation to ensure that it will be a useful tool for valuable marine ecosystem. The book will be a major Council staff in communicating the results of the product of the EVOS restoration program and help set restoration program to the public and others. the foundation for GEM. NOAA New M. Gracz/Cook Inlet Keeper G-030607 Geographic Information Systems (GIS) \$13.1 \$0.0 \$0.0 \$0.0 Map of Water Quality Monitoring Sites 1st yr. Across the Gulf of Alaska 1 yr. project **Project Abstract** Chief Scientist's Recommendation **Trustee Council Action** This project will synthesize existing data to create a This proposal will create a database and map of Fund contingent on clarification by the proposer of the comprehensive Geographic Information Systems (GIS) water quality sites in the Gulf of Alaska. Such a geographic area to be covered by the project (the map and database of monitoring sites across the Gulf of database should include the entire geographic area database will be useful in meeting GEM objectives. Alaska. This map will be published in hardcopy and will Fund contingent on clarification by the proposer of encompassed by the GEM program). This project will be linked to CIIMMS (Cook Inlet Information create a GIS map of water quality monitoring sites the geographic area to be included (the database Management and Monitoring System, Project 01391) should include the entire geographic area (including physical, chemical, and biological and STORET, through which the map and data can be encompassed by the GEM program). parameters) by identifying existing sites across the Gulf easily updated and made available to monitoring entities of Alaska and incorporating this information into as well as policy makers, scientists, and the general CIIMMS (the Cook Inlet Information Management and public. This map and the accompanying data will serve Monitoring System created under Project 01391). This information will be useful for GEM planning. as a lasting tool for the restoration and protection of the Gulf of Alaska's resources by coordinating diverse monitoring efforts and establishing a framework into which information about current and future monitoring programs can be entered.

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August 6, (L

## SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET)--FY 03 PHASE I WORK PLAN

## SPREA IEET B: TRUSTEE COUNCIL ACTION (TE)

### SPREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	EY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.	
G-030625	Prince William Sound Isotope Ecolo Synthesis	ogy T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. proj	\$25.5 ect	\$0.0	\$0.0	\$0.0	
Pr	roject Abstract	Chief Scientist's Recomm	endation		Trus	tee Council A	<u>ction</u>		
present structure William Sound th with tentative title structure of the p Sound, Alaska". will be useful bee	provide a 'big picture' synthesis of the e of the pelagic ecosystem of Prince nrough preparation of a scientific paper e: "A stable isotope based trophic belagic community of Prince William The documentation of a 'before picture' cause the recently documented regional es composition is likely to alter pelagic during GEM.	The proposed synthesis could be product, and the principal investiga the most knowledgeable individua synthesis. Fund revised proposal, the cost of the project to a more a	ator is certainly I to prepare this which reduces	scope a This pro pelagic stable is and ana previou Ecosys	nd revised proposal, which reduces the project ope and budget as directed by the Chief Scient is project will prepare a synthesis manuscript agic ecosystem of Prince William Sound, usin ble isotope ratio data from biota samples colle d analyzed by the principal investigator under evious EVOS projects (Project 98320/Sound osystem Assessment; Project 01393/Prince V und Food Webs: Structure and Change).				
G- 030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New	\$0.0	\$0.0	\$29.5	\$0.0	
				1st yr. 2 yr. proj	ject				
<u>Pi</u>	roject Abstract	Chief Scientist's Recomm	endation		Trus	stee Council A	ction		
ontogenetic incre walleye pollock as processes when analysis of archi multiple trophic I larger pollock ca those that are ag that pollock of th cannibalism. Pol being removed f discovery of a m SEA project (So /320.) The prop will be useful to effectively remove	synthesize information that suggests eases of the trophic position of the such that they contribute to top-down a >600mm in length, using stable isotope wed samples and data. Pollock feed at levels depending on their size, with annibalizing smaller pollock, especially ge-0. Preliminary analysis suggested his size range have a high potential for pollock of this size range are presently from Prince William Sound since the nostly undisturbed population during the und Ecosystem Assessment, Project osed documentation of a 'before picture' GEM, because fishing pressure may we the larger size class pollock from the appened in the Bering Sea.	This proposal from qualified inves present a convincing case that con- can be adequately controlled to re questions it poses. The potential of restoration objectives is thus likely not fund.	nfounding factors solve the contribution to	s recomm analysis pollock express the proj	nendation. T s to examine under differe sed concern a ject and whet	n Chief Scien his project wo the trophic po nt conditions. about the expe her unambigu hethods propo	uld use stal sition of wa The reviev erimental de ous results	lleye vers esign of	

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET) -- FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
GEM Cross-H	abitat Linkage: Community Invo	lvement			\$369.2	\$150.5	\$340.0	\$0.0
G- 030052	Tribal Natural Resource Stewardsh and Meaningful Tribal Involvement GEM		ADFG	Cont'd 9th yr.	\$30.1	\$150.5	\$192.6	
P	roject Abstract	Chief Scientist's Recommenda	ition		Trus	stee Council A	<u>ction</u>	
establishing Cor Resource Plans identifying priorit research and me them to commun activities, espec conducting a "W sharing research biologists, scien experts, and (d) research and me implementation project are Tatit Nanwalek, Cord	oject will focus on four objectives: (a) re Action Plans for the Tribal Natural being developed in FY 02, (b) ty regional and community-specific onitoring issues and concerns and fitting nity-based research and monitoring ially those related to GEM, (c) /isdomkeeper Series" for discussing and h and monitoring issues with selected tists, elders, and traditional knowledge developing pilot community-based onitoring projects for potential in FY 04. Communities involved in the lek, Chenega Bay, Port Graham, lova/Eyak, Seward/Qutekcak, Seldovia, Island Region/Ouzinkie, and the Alaska	The Trustee Council has committed to involvement in both the GEM and ongo programs. This proposal cannot be full until the Tribal Natural Resource Plans for completion in FY 02 from this project reviewed by the Trustee Council. Thes reviewed for their content, relationship community commitment to implementat plans. Defer funding pending receipt of	ing oil spill y evaluated scheduled ot have been e need to be to GEM, an tion of the	Planner Worksh particip n related e (\$2,500 d pending Natural s. worksh results and but the wor with Pro Involve GEM.	r first quarter nop scheduled ation in GEM overhead (\$3 )) costs; defeig a review of Resource Pl ops/training s to villages). dget need to k performed oject 03575, l ment/Commu The overall g	t\$30,100 for salary (\$15,00 d for Novembe planning mee 3,600) and ger r decision on t FY 02 results ans; tribal part essions; com The Detailed F be revised to r in FY 02 and t Designing a C unity Based Mo oal of this proj velopment of k	00), Wisdon er (\$7,000), tings (\$2,0) heral admin balance of f (completior ticipation in munication Project Des more direct to avoid dup ommunity onitoring Pl ectcomm	nKeeper tribal 00), and istration unding of Tribal technical of EVOS cription by build on olication an for unity

Peninsula Region/Chignik Lake.

capacity--is a priority of the Trustee Council and an

essential component of GEM.

## SPREATHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	

Chief Scientist's Recommendation

#### **Project Abstract**

This project links students in the oil spill impacted area with research and monitoring projects funded by the Trustee Council. The project involves students in the restoration process and provides these individuals the skills to participate in restoration now and in the future. Youth conduct research identified and delegated by principal investigators who have indicated interest in working with students. Youth Area Watch fosters long-term commitment to the goals set out in the restoration plan and is a positive community investment in that process. Participating communities in FY 03 will be Tatitlek, Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Valdez, and Whittier.

This project is a success story for community involvement in EVOS research, through the participation of young people in the public school system. The proposers recognize EVOS projects will be changing with implementation of GEM and are willing to adapt. The proposers also have done an excellent job of obtaining supplemental funding and reducing reliance on EVOS funding. However, the proposal provides insufficient information to judge progress. It could be strengthened with greater attention to the results of prior efforts, such as Youth Area Watch students choosing to pursue higher education in science. In addition, the annual reports are not a useful gauge of program accomplishments and progress, so accountability is lacking. By contrast, the Kodiak Youth Area Watch annual reports (Project /610) provide specific information on accomplishments, problems encountered and solutions. Fund contingent on receipt of a revised annual report (01210) that indicates that satisfactory progress is being made.

#### Trustee Council Action

Fund contingent on submittal and review of (a) a revised FY 01 annual report (01210) that addresses the Chief Scientist's concerns and (b) a satisfactory annual report for FY 02 (02210). Youth Area Watch involves local youth in restoration projects. In FY 03, youth in Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Tatitlek, Valdez, and Whittier will participate.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G- 030561	Evaluating the Feasibility of Develo a Community-Based Forage Fish Sampling Project for GEM	ping D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. proj	\$17.0 ect	\$0.0	\$0.0	\$0.0
This project will evaluating the fe community-base The work in FY	roject Abstract close out Project 02561, which is easibility of developing a ed forage fish sampling project for GEM. 03 will consist of compiling and nation collected during FY 02, and writing	Chief Scientist's Recomme The concept of this projectcommu sampling of predator fish to monito (forage fish)is scientifically sound economically viable. It addresses G of community involvement with pote contribute to several aspects of lon monitoring. This project will produc for the Kachemak Bay-lower Cook Prince WilliaM Sound. Fund.	inity-based their prey and EM's objective ential to g-term e a useful plan	commu long-ter builds o Predato contribu commu therefor should is not ir relevan strategi	<u>Trustee Council Action</u> Fund closeout of this project, which is visiting spill-are communities to explore involving local residents in long-term forage fish monitoring studies. This effort builds on work successfully begun under APEX (Alasl Predator Ecosystem Experiment, Project 99163). It we contribute to understanding the feasibility of community-based sampling programs in general, and therefore is an important part of GEM transition. It should be noted that the Council's interest in this projet is not in the particular data that might be gathered relevant to forage fish, but in the techniques and strategies that might be developed in regard to designing a community involvement component for GEM.			
G- 030575	Designing a Community Involvement/Community-Based Monitoring Plan for GEM	M. Sigman/Center for Alaska Coastal Studies, et al	in NOAA	New 1st yr. 1 yr. pro	\$109.6 iect	\$0.0	\$0.0	\$0.0
This project will community invol- monitoring plan communities in by (a) a case his community-base conceptual foun assessment to i and indicators a Resource Comr Planning Proces processes. Reco	Project Abstract design and produce a draft GEM lvement and community-based to address the needs of diverse the region. This initiative will be informed story review of working models of ed monitoring efforts relevant to the GEM dation, (b) a regional capacity identify potential partnerships, (c) issues as identified by Chugach Regional mission's Tribal Natural Resource ss and other community planning ommendations will include identifying s to melding Western science and local knowledge and pilot community-based acts.	Commission's Tribal Natural Reso	case-study ndertake a tify issues and Resource urce Plans, and stern science ar deliverables wil the GEM lack of detail ar	(develo of poss satisfac monitor d plannin Counci commu d It will be under F Knowle empha monitor tribes' s Projec will incl	with authoriza opment of fran ible pilot proj ctory complete ring capacity g; \$51,800). I's interest in anity involvern uild on some Project /052 ( adge/Tribal St sisdevelopr ring plan as of stewardship of ct /052 has b ude non-triba	stee Council A tion of funds f nework docum ects; \$57,800, ion of Phase I assessment, I This project a a strong and r ent/communit of the efforts f Community In ewardship) but nent of a regio posed to dev apacity and (the een limited to a community g list of participation	or Phase II nent and de ) contingent (communit iterature re- ddresses th neaningful y monitorin funded in ea volvement/ it with (a) a prwide com velopment o b) a broade tribes only; groups and	on y view, and ne Trustee role for g in GEM. arlier years Traditional different munity of specific r focus this projec add Home

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET) -- FY 03 PHASE I WORK PLAN

#### SPREAMHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PL EY 03 **FY 03**

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G- 030610	Kodiak Archipelago Youth Area Watch	T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 4th yr.	\$63.0	\$0.0	\$61.8	

#### **Chief Scientist's Recommendation**

#### **Trustee Council Action**

This project will engage students in projects with goals aligned with the general restoration efforts of the Trustee success, including influencing the curriculum of the Council. Students and site coordinators will conduct interviews with local experts and document traditional ecological knowledge, publishing it in a Kodiak School District oral history magazine. Participation of Youth Area Watch adults and students in the annual Academy of Elders/Science Camp will be strongly encouraged. Such participation will serve as another avenue for more tribal members to learn about restoration efforts. scientific monitoring techniques, and occupations related to such work. The value and implications of traditional ecological knowledge will be strongly emphasized throughout the implementation of the project.

Project Abstract

This ongoing project has shown solid evidence of Kodiak School District, and has attracted additional funding from other sources. This popular and successful program is achieving its objectives. Fund.

Fund. This project, which involves local youth in restoration projects, addresses the Trustee Council's commitment to community involvement in GEM. In FY 03, students in Akhiok, Old Harbor, Port Lions, Ouzinki, Chiniak, and Kodiak City will participate.

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET)--FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G- 030636	Management Applications: Commercial Fishing	K. Adams, R. Mullins/Cordova	NOAA	Cont'd 2nd yr.	\$50.9	\$0.0	\$0.0	\$0.0
				2 yr. projec	ct			

Chief Scientist's Recommendation

#### **Project Abstract**

This project is intended to build a bridge between the scientific community, which is describing and attempting to predict variation in biological production, and the commercial fishing community, which is attempting to find management applications for this new information. In addition, the project seeks to provide community presence to participate in development of GEM.

The need for a "bridge project" between science and users, related to EVOS, is guite clear. If the project can identify useful applications from EVOS-based science it will be money well spent. One important criterion of success will be the ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The project is off to a strong start in FY 02 with two successful meetings with in Cordova. Prospects for serving the needs of spill are very good. Prospects for success are improved with the proposed creation in FY 03 of an advisory science panel, for which commitments have already been obtained from four persons knowledgeable in the academic and professional side of natural resource management and/or oceanography. Fund.

#### **Trustee Council Action**

Fund FY 03 only; the proposers have obtained the participation of a panel of scientific advisors, as recommended by the Chief Scientist. In FY 02 this project formed a Prince William Sound Fisheries Research Applications and Planning Group to provide a forum for developing fisheries management applications for all interested parties (Cordova District Fishermen United, Alaska Department of Fish and Game, Prince William Sound Aquaculture Corporation, Valdez well-documented outcomes and setting up an office Fisheries Development Association, commercial fishers, and others). The objectives of this group in FY 03 are to those who depend on resources damaged by the oil (a) identify a fisheries relevant subset of EVOS projects. (b) develop criteria and guidelines for making information gathered by GEM relevant for fisheries management and shore-based communities, and (c) develop a plan showing the cycle of movement from basic science to management application. At the end of FY 03, the success of the project will be evaluated and a decision made on whether to continue the project into future years. As recommended by the Chief Scientist, one measure of success will be the project's ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The EVOS program can benefit from the commercial fishing community's perspective on restoration results and interaction with fishers on how to incorporate the results into fisheries management practices. In addition, the project could form a foundation for working with Prince William Sound fishers as GEM develops.

August 6

## SPREATHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
GEM: Watersh	ed Habitat				\$115.1	\$0.0	\$26.6	\$26.6
G- 030596	Securing Flow Data for a Lower Ker Peninsula Salmon Stream	nai J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. proj	\$22.6 ect	\$0.0	\$0.0	\$0.0
Since August 199 Soil and Water Co collecting dischar important salmon Ninilchik River, Au Creek. With the I Survey (USGS) n River gauge. Kee Conservation Dis others depend on achieve a comple watersheds. This to contract with U	bject Abstract 28, Cook Inlet Keeper and the Homer onservation District have been rge and water quality data from four a streams on the lower Kenai Peninsula: nchor River, Deep Creek, and Stariski loss of funding, the U.S. Geological to longer can maintain the Ninilchik eper, Homer Soil and Water trict, Ninilchik Traditional Council and a this gauge for the flow data needed to be picture of water quality in these is project will provide funds for Keeper USGS to maintain the gauge for one h time long-term funding will be	Chief Scientist's Recommend This is a very cost-effective proposal funding." Funding in FY 03 will prever year in a time-series of physical data- runoff in the Ninilchik Riverthat is ex useful in understanding differences in forcing. Fund, lower priority.	for "bridge at loss of a -freshwater pected to be	funds a 2002-Sa proposa cover th for the p the cos covered provide the Nini perman Inlet Ke quality Departr as at hi having key ele nearsho and the resource	evised proposivallable for the ptember 200 al also includence costs of reperiod May-Store of operating d by the U.S. interim fundialichik River store for the Ninilch River store of the Ninilch ment of Envir gh risk from the dight need for the number of the store of	etee Council A al, which clari- be gauge's FY 03) operation. es a small am- trieving and pl eptember 200 the gauge du Geological Su ng (FY 03 only ream-flow gau n funding sou n funding sou n funding sou n funding sou n funding sou or data collect rstanding the ents of the spi h and product n, herring, and cted by the oil	fies the ma 03 (Octobe The revise ount of func- rocessing g 2 and clarif ring this pe rvey. This p y) for maint uge while a rce is sough monitoring the Alaska servation h ce pollution ion. Water watershed a Il-impacted ivity of such sea otters	er ed ding to lauge data ries that riod will be project will enance of ht. Cook g the water a as rated and as quality is a and region

SPREADSH	EET B: TRUSTEE COUNCI	L ACTION (TEXT SPRE	EADSHEET)-	-FY 03	PHASE	WORK F	PLAN	
Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G- 030649	Reconstructing Sockeye Population the Gulf of Alaska over the Last Sev Thousand Years		ADFG	Cont'd 2nd yr. 3 yr. proje	\$92.5 ect	\$0.0	\$26.6	\$26.6
Pro	pject Abstract	Chief Scientist's Recom	nendation		Trus	tee Council A	<u>ction</u>	
salmon abundance <sup>15</sup> N record left by a spawning lakes in Fjords, the Kenai Island. The reseave variability in socked Alaska and how of Gulf of Alaska regovelopelopelopelopelopelopelopelopelopelop	constructing changes in sockeye ce over the last 5,000 years using the salmon carcasses in the sediments of n Prince William Sound, the Kenai River watershed, and on Kodiak arch question is: What is the normal eye salmon populations in the Gulf of does it relate to climatic changes in the gion? The results will provide a und for future monitoring studies within eries managers working to preserve al salmon runs.	This outstanding project is revea record of sockeye salmon abund northern Gulf of Alaska. Previous investigators has established the salmon abundance with PDO (Pa oscillation) variations on the deca importance of this work is that it longer record of PDO variation the historical record compiled during The project is being executed wit scientific standards. Fund, include addition of three other Kenai Per	ances in the work with other correlation of acific decadal adal scale. The describes a much an the European the 20th century. h the highest ing the proposed	from Hic the Kena retrospe lakes in about he	dden Lake, S ai Peninsula. ective study o the spill regio	objectives rela kilak Lake, an This project f sockeye abu on and develo n the atmospl tions.	d a control is conduction andance in ping hypotl	lake on ng a certain neses
GEM: Intertida	I/Subtidal Habitat	<b></b>		- <u> -                                      </u>	\$93.0	\$0.0	\$0.0	\$0.0
G- 030584	Evaluation of Airborne Remote Sen Tools for GEM Monitoring	sing E. Brown/UAF, J. Churnsid	le/NOAA ADFG	Cont'd 2nd yr. 2 yr. proje	\$39.3 ect	\$0.0	\$0.0	\$0.0
Pro	bject Abstract	Chief Scientist's Recom	mendation		Trus	tee Council A	ction	
FY 02. The main remote sensing to of the data collect of (a) a pulsed lid maximum of 50 m Sea Surface Tem digital video syste birds, mammals, structure, and (d) and mammals at	wo completion of a project initiated in objective is an evaluation of airborne ools for GEM ecological interpretation ted. The instrument package consists ar to map subsurface features to a n, (b) an infrared radiometer to map operature (SST) day, (c) two three-chip ems to map ocean color (chlorophyli), surface fish schools, and ocean frontal an infrared digital video to map birds night. Shipboard and buoy data will be n and interpretation of remotely sensed	Monitoring forage fish abundance the GEM program. This is a high project to do such monitoring, an risky than others. However, it de through the proposed development pay-off of success would be great	ly innovative d is therefore mor serves support ent phase, as the	remote e GEM. 1 challeng efficient	sensing instr [his highly inr ging question ly monitor for ogram. If the	project, whic umentation as novative proje , which is how rage fish abur e project is su	s a monitori ct is workin / to effectiv idance und	ing tool for ig on a ely and er the

#### SPREAMHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PL --------

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G- 030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	G. Irvine/USGS, J. Schaaf/NPS, D. Mann/UAF, J. Southon/Univ. Calif.		Cont'd 2nd yr. 2 yr. projed	\$53.7 ct	\$0.0	\$0.0	\$0.0

#### Project Abstract

This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances innovative data of great interest and relevance to in nearshore, intertidal communities via retrospective analyses. These analyses will focus on excavated midden remains of very rich, well-dated archaeological sites along the Katmai National Park and Preserve coast. Changes in nearshore marine communities will be assessed through examination of relative species abundances, size-frequency analysis, and other indicators of habitat changes. Isotopic analysis of shells needed expertise to the project team. Fund. will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.

#### Chief Scientist's Recommendation

This pilot project has the potential to produce understanding natural variation in ocean systems and the human use of resources over long time frames. The originality of this work is very high. although there is a risk that the coarse temporal resolution of the method will prevent precise conclusions. The addition of funds for a paleoceanographer is justified in order to add

#### **Trustee Council Action**

Fund closeout of this project contingent on submittal of overdue report (99459). A portion of the increase (\$15,900) in funding over the expected amount is due to a delay in the stable isotope analyses scheduled for FY 02; an equivalent amount of funds will be lapsed back to the Trustee Council at the end of FY 02. This project is designed to improve understanding of long-term change in nearshore marine communities and investigate the relationship between productivity and climate.

GEM: Alaska Coastal Current Habitat				\$51.6	\$0.0	\$32.1	\$32.1	
G- 030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	ADFG	Cont'd 6th yr.	\$51.6	\$0.0	\$32.1	\$32.1

#### Project Abstract

Interannual variations in temperature and salinity on the northern Gulf of Alaska shelf reflect environmental changes that affect this marine ecosystem. Quantifying and understanding this variability require long time series such as the 32-year record at hydrographic station GAK1 near Seward. This project continues this time series, quantifies the synoptic, seasonal, and interannual variability, and seeks to understand the reasons for this variability. It will also begin to examine interannual variations in near-surface stratification and the timing of the spring bloom on the inner Gulf of Alaska shelf. The data will be used to predict the baroclinic component of the mass and freshwater transport variability in the Alaska Coastal Current in the northern gulf.

#### Chief Scientist's Recommendation

This excellent project provides new insights into physical forcing/control of primary production and mass transport. The synthesis efforts are allowing new insights into proxy measures that might be applied to the 35-year historical record to understand long-term ecosystem variability. This is an excellent investment in a long-term data set that will pay future dividends in fish and wildlife management. Fund.

#### **Trustee Council Action**

Fund, including proposed upgrade of mooring (addition of another temperature/conductivity recorder with fluorometer and transmissometer) contingent on (a) receipt of a description of the deployment procedure intended to insure against loss of data and (b) submittal of the manuscript promised in FY 02 analyzing the relationship between atmospheric pressure. precipitation, and density structure of the Alaska Coastal Current. This project provides for continued Trustee Council support of hydrographic station GAK1 and the accompanying retrospective analyses of the station's data record. GAK1 provides a long-term data set that allows characterization of the Alaska Coastal Current, which is essential to understanding climatological forcing of productivity and will be important for GEM.

#### **FY 03** FY 03 Approved Deferred to Lead New or FY 04 FY 04 Cont'd 8/6/02 11/25/02 Agency Request Recom. Proj.No. **Project Title** Proposer **GEM: Offshore Habitat** \$18.1 \$0.0 \$0.0 \$0.0 ADFG Cont'd S. Okkonen/UAF G-030614 Monitoring Program for Near-Surface \$18.1 \$0.0 \$0.0 \$0.0 Temperature, Salinity, and Fluorescence 2nd yr. in the Northern Pacific Ocean 2 yr. project Chief Scientist's Recommendation Project Abstract **Trustee Council Action** This project will use a thermosalinograph and This is a continuation of an innovative and cost-Fund closeout of this project (data analysis and fluorometer, to be installed on a crude oil tanker, to effective project that provides data to assess the preparation of final report/manuscript). In FY 02, this acquire continuous, long-term measurements of the long-term recovery of resources impacted by the oil project installed a thermosalinograph and fluorometer near-surface temperature, salinity, and fluorescence spill against the background of climate-driven on a crude oil tanker traveling between Valdez and Long variability. The potential for the proposal to provide fields along the tanker route between Valdez, Alaska Beach. Vessels of opportunity such as this are a data from a key area of Prince William Sound and and Long Beach, California. cost-effective method that may be useful to GEM, and the adjacent ocean relevant to long-term evaluation the data collected by this project on ocean conditions in and interpretation of population trends for birds, fish Alaskan waters will be extremely useful to GEM. and mammals is excellent. Fund. **Data Management & Information Transfer** \$308.0 \$0.0 ALL Cont'd G-030455 **Trustee Council Office** \$212.9 \$0.0 **GEM Data System** 2nd yr. Project Abstract Chief Scientist's Recommendation **Trustee Council Action** Data management will be a critical component of Fund. This project provides funding for the GEM Data This project supports the data management and information transfer system for GEM. Data collection, Systems Manager and related data system costs. Data GEM. quality control and documentation, archiving, transfer, collection, guality control and documentation, archiving, delivery, and presentation are critical components of transfer, delivery, and presentation are critical GEM. Project funding will allow the GEM Data Systems components of GEM. Manager to provide the leadership and expertise necessary for this essential part of the GEM program, and hire support staff to make initial aspects of the program operational.

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET) -- FY 03 PHASE I WORK PLAN



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#### SPREAMHEET B: TRUSTEE COUNCIL ACTION (TEXESPREADSHEET)--FY 03 PHASE I WORK PL EV N2 EV 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	FY 04 Request	FY 04 Recom.	
G- 030550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	ALL	Cont'd	\$95.1	\$0.0			

#### Chief Scientist's Recommendation

#### **Trustee Council Action**

This project represents the Trustee Council's contribution to the Alaska Resources Library and Information Services (ARLIS). ARLIS serves as a central access point for information generated through the Trustee Council restoration process and the GEM program. In addition, ARLIS acts as the public repository for reports and other materials generated from and related to the cleanup, damage assessment and restoration efforts following the oil spill. ARLIS supports the research efforts and information needs of the Restoration Office, principal investigators, natural resources professionals, and the general public.

Project Abstract

The oil spill collection at ARLIS (Alaska Resources Library and Information Services) is a legacy of the spill and an important means of providing the public with oil spill information. Defining how ARLIS might library needs will likely be oriented more toward electronic formats and processes and away from paper documents, with an emphasis on web-based services. The funds currently going toward Project 03550 might be more effectively spent in the future on a service or services more tailored to the specific research and data needs of GEM. Fund for FY 03 only.

Fund continuation of one librarian at the Alaska Resources Library and Information Services (ARLIS). Trustee Council contributions in FY 04 and beyond may be reduced as the transition to GEM is completed. support GEM needs to be better addressed. GEM's ARLIS provides an important service for documents and other materials produced through the damage assessment and restoration processes. The Council's original funding commitment to ARLIS was through FY 01 only; how ARLIS might relate to the GEM program in FY 04 and beyond is not clear at this time.

Science Mana	agement				\$416.0	\$0.0
G-030250	Project Management	All Trustee Council Agencies	ALL	Cont'd	\$137.6	\$0.0
E	Project Abstract	Chief Scientist's Recommendation	ation		Truste	ee Council Action
that administer behalf of the Tr project manage principal investi reviewing proje	ement supports those Trustee agencies and/or implement EVOS projects on sustee Council. Tasks performed by ers include coordinating activities between igators and the Trustee Council Office, ot expenditure activity, assisting in the f project proposals, and tracking project	Proposal not reviewed.			⊃roject manag work plan proc	ement helps provide accountability ess.

### SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT SPREADSHEET)--FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	FY 04 Request	FY 04 Recom.
G-030630	Scientific Management under GEM	Trustee Council Office	ALL	Cont'd	\$278.4	\$0.0		
E	Project Abstract	Chief Scientist's Recommer	ndation		Trus	tee Council A	<u>ction</u>	
implementation scientific oversit resources. In F and Technical A aspects of the s develop the FY provide peer rev support for the developing a "S input to a status being developed Science Organi	provide scientific oversight of of the GEM program, as well as ght of lingering effects of oil on injured Y 03, the project will support the Science Advisory Committee (STAC) and other scientific review and advisory process, 04 Invitation to Submit Proposals, view recommendations and scientific FY 03 and FY 04 work plans, continue state of the Gulf Report", provide regional s report on North Pacific resources now d by PICES (North Pacific Marine zation), and support the Lingering Oil mittee and review process.	Proposal will not be reviewed by Chi	ef Scientist.				M planning al Advisory ngs that d to d with a ublishment erts (the urce oject will ew of al meeting	
Public Inform	nation/Administration			-	\$1,114.3	\$0.0		
030100	Public Information and Administratio	n All Trustee Council Agencies	ALL	Cont'd	\$1,114.3	\$0.0		
E	Project Abstract	Chief Scientist's Recommen	ndation		Trus	stee Council A	<u>ction</u>	
involvement an program, includ Trustee Counci Executive Direc the active partic	ovides overall support for public d administration of the restoration ling GEM. It includes funding for the il staff working at the direction of the ctor, public involvement efforts including cipation of the Public Advisory Committee nagement of the EVOS Investment Fund.	Proposal not reviewed.		admini		rovides overal nplementatior		

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



#### MEMORANDUM

- TO: Gary Goldberg USFWS Grant Administrator
- FROM: Molly McCammon Executive Director
- RE: Grant Agreements 701811G112 and 701811G113: Allocation of \$5,600 to ADNR for Trustee Agency Direct Costs
- DATE: August 7, 2002

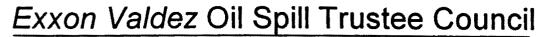
Under Grant Agreements 701811G112 and 701811G113 (*Exxon Valdez* Oil Spill Trustee Council: Funding Source for Habitat Protection), a total of \$1 million was set aside by the Trustee Council for long-term habitat protection. The Grant Agreements specify purposes for which the Council will disburse these funds, including payment to Trustee agencies for direct costs of receiving title to land acquired under the Grant Agreement (see Grant Funds, p. 2).

The purpose of this memo is to notify you that on August 6, 2002 the Trustee Council allocated a total of \$5,600 to the Alaska Department of Natural Resources for direct costs related to the acquisition of parcels under the grant. When considered along with the other administrative funds deducted from the \$1,000,000, as outlined below, a balance of \$911,900 remains available for the grantees' direct expenses and for the purchase price of specific parcels:

\$1,000,000	set aside by Trustee Council (Trustee Council action 1/4/01)
32,500	to USFWS for grant administration (see Grant Funds, p. 3)
25,000	to The Nature Conservancy for indirect costs (see Grant Funds, p. 2)
25,000	to The Conservation Fund for indirect costs (see Grant Funds, p. 2)
<u> </u>	to ADNR for direct costs (Trustee Council action 8/7/02)
\$ 911,900	

Please do not hesitate to contact me if you have any questions about this allocation.

cc: Randy Hagenstein, The Nature Conservancy Brad Meiklejohn, The Conservation Fund



441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 12, 2002

Thea Thomas P.O. Box 1566 Cordova, Alaska 99574

Dear Thea:

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Thank you for sending your resume. I will pass it on to some other people and keep my eyes and ears open for any possibilities.

I hope you have a good remaining summer, I'm off to the Brooks Range.

Sincerely,

Sandra Eluber

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 7, 2002

Rodney Parrish Executive Director Society of Environmental Toxicology and Chemistry 1010 North 12<sup>th</sup> Avenue Pensacola, FL 32501-3367

Dear Dr. Parrish:

Thank you for your letter of June 12, 2002 regarding a SETAC review of our study to evaluate oil remaining in the intertidal from the 1989 *Exxon Valdez* oil spill. I have discussed your response with a number of people interested in such a review: personnel at the Auke Bay Lab, the Alaska regional director of the National Marine Fisheries Service, Dr. Jim Balsiger, who serves on the *Exxon Valdez* Oil Spill (EVOS) Trustee Council, the Trustee Council's Chief Scientist Dr. Bob Spies, the Council's Science Director Dr. Phil Mundy. We are all in agreement that an independent peer review of the science underlying this project could be beneficial and further the national state of knowledge on lingering effects of residual oiling in cold water environments.

I would be prepared to take before the Trustee Council a proposal from yourself to cofund, together with Exxon-Mobil Corporation, such a review to begin no earlier than January 2003 (to ensure that a final report of the Trustee Council sponsored work has been completed and gone through our internal peer review process).

As we have discussed, the EVOS Trustee Council and Exxon-Mobil Corporation would:

- jointly fund such a review;
- provide all data generated by both the EVOS Trustee Council and Exxon-Mobil Corp funded studies relevant to this review; and
- help develop selection criteria for review panel members.

The SETAC review would:

- choose panel members with the appropriate expertise and ensure a review that is "fair, impartial, and absent of bias";
- evaluate the experimental designs and statistical models of the various studies, as well as audit the data gathered in order to verify the reliability of the studies used in drawing conclusions; and

• use the "Standard Operating Procedures (SOP) for Peer Review" developed by SETAC North America as guidance.

Also, regarding the issue of scientific misconduct, an internal scientific peer review of the EVOS project was conducted at the request of the NMFS Regional Administrator for Alaska and myself. I am enclosing a copy of their recently released report for your information.

I appreciate your interest in pursuing a review of this work, Rod. Please let me know how I can further the effort.

Sincerely,

**7**,

×.,

Molly Mc Cam

Molly McCarhmon Executive Director

Cc: Trustee Council members Dr. Robert Spies NMFS Regional Administrator, Dr. Jim Balsiger



UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration NATIONAL MARINE FISHERIES SERVICE

Alaska Fisheries Science Center 7600 Sand Point Way N.E. BIN C15700 F/AKC Seattle, Washington 98115-0070

July 3, 2002

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

JUL 0 8 2002

MEMORANDUM FOR:

Distribution

FROM:

1. La James M. Coe,

Deputy Scienge & Research Director, Alaska Region

On behalf of the NMFS Science & Research Director for Alaska and at the request of the EVOS Trustee Council Executive Director and the NMFS Regional Administrator for Alaska, I organized a scientific peer review of a recent EVOS sponsored survey of residual oil in Prince William Sound, Alaska. The terms of reference for this review and the report of the panel are attached for your information and use. I would like to thank the panel members for their efforts and especially Dr. Laake for his effective leadership.

Please contact me if I can be of further assistance.

Distribution:

Molly McCammon, Executive Director, EVOS Trustee Office Dr. James W. Balsiger, Regional Administrator, Alaska Region Dr. Douglas P. DeMaster, Science & Research Director, Alaska Region Dr. William W. Fox, Jr., Director, Office of Science & Technology

cc: (w/attachments): Jeep Rice, Jeffrey Short, Michael Dahlberg (ABL)

cc: (w/o attachments): Jeff Laake, Dan Kimura, Margaret Krahn (NWC), Ronald Reed (PMEL)



#### Terms of Reference for A Review of the 2001 Survey of Residual Oil in Prince William Sound

The Exxon Valdez Oil Spill Trustee Council and the National Marine Fisheries Service (NMFS) Alaska Regional Office are seeking an independent scientific review and assessment of the sampling design, field execution, data analysis and derived conclusions from the Council funded 2001 survey of residual oil in Prince William Sound, Alaska. This review will be conducted under the direction of the Science & Research Director for the Alaska Region of NMFS with oversight by the NMFS Office of Science & Technology

A panel of three/four scientists representing statistical, biological and chemical expertise will be convened to review plans, sampling designs, prior reviews, methodologies, field techniques, field notes, field data records, databases, analytical methods, reports and other documentation associated with this research effort. A list of involved parties and their contact information will be provided to the panel. The panel will have access to these and other relevant materials for a minimum of one month during which time interviews may be arranged and conducted as the panel deems appropriate. The panel will develop general standards for review and assessment of the various phases of the research and produce a letter report on its findings for the Science & Research Director for Alaska. The report must evaluate the potential for bias inherent in the sampling design as well as any bias that may have been introduced as a result of the field execution of the design. An audit of the field sampling effort will be conducted and inconsistencies, if any, between field notes, field data collection records, and databases used for analysis will be noted and evaluated. Further, the report must comment on the suitability of the various conclusions drawn from the data and its analyses. The report will be certified by the Science & Research Director for Alaska and the Director, Office of Science & Technology, and submitted to the Trustee Council. The report may be released to the public at the discretion of the Trustee Council and the Regional Administrator.

The coordinator for this review will be Mr. James M. Coe, Deputy Science & Research Director, NMFS Alaska Region, 206 526-4000.

Terms of Reference Certified by:

5-14-02 Date

Douglas R/DeMaster, Science & Research Director, Alaska Region

=13-02 Date

William W. Fox Jr., Director, Office of Science & Technology



UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration NATIONAL MARINE FISHERIES SERVICE

National Marine Mammal Laboratory 7600 Sand Point Way NE Seattle, WA 98115 (206)526-4017

2 July 2002

**Memorandum For:** 

James Coe Deputy Director, Alaska Fisheries Science Center

Jeff Laake

National Marine Mammal Laboratory Alaska Fisheries Science Center, NMFS

Subject:

From:

Scientific review of Auke Bay Laboratory residual oil study

As requested, we conducted a scientific review of the residual oil study conducted by personnel at Auke Bay Laboratory. The attached report addresses the specific tasks identified in our terms of reference. All members of the review team agreed on the content of the report as certified by their signature. We are all available to address any questions that may arise regarding our report, but it would be most efficient if any questions were addressed to me (Jeff.Laake@Noaa.Gov, 206-526-4017), so I could direct them appropriately.



### Scientific Review of Auke Bay Laboratory Residual Oil Study

On 18-19 June 2002, we conducted a scientific review of the methods, results and conclusions from *Exxon Valdez* Trustee Council project #01543, "Evaluation of oil remaining in the intertidal from the *Exxon Valdez* oil spill." The review was conducted at the Auke Bay Laboratory (ABL) of NMFS' Alaska Fisheries Science Center in Juneau. The key ABL personnel who participated in both the study and this subsequent review were: Mandy Lindeberg, Jacek Maselko, Jerome Pella, Stanley Rice, and Jeff Short. The agenda for the review can be found in Appendix I.

The terms of reference specified the following tasks for the review:

- I. Evaluate the potential for bias inherent in the sampling design, as well as any bias that may have resulted from the field execution of the design;
- II. Audit the field sampling effort and report and evaluate inconsistencies, if any, between the field notes, field data collection records and databases used for analysis; and
- III. Comment on the suitability of the various conclusions drawn from the collection and analysis of the data.

The results of our review for these three tasks follow.

#### I. Evaluate the potential for bias

Bias in any study could result from an improper sampling design (or lack thereof) and sample selection or improper field procedures. We reviewed each of those aspects for this study.

#### A. Sampling design/selection

To estimate the remaining beach surface area that was covered with oil and the residual oil volume, the investigators chose a stratified-random sampling design with an adaptive component. The design was based on stratified-random sampling, a common traditional sampling design used to increase precision, as well as on stratified-adaptive sampling, a more recently developed approach used to sample highly aggregated populations. When properly implemented these are unbiased designs.

Beaches within the area affected by the spill that had been identified previously as "contaminated" were assigned into three strata:

- 1. Beaches considered heavily oiled during 1990-1993 surveys,
- 2. Beaches considered moderately oiled during 1990-1993 surveys, and
- 3. Beaches considered heavily oiled in 1989 that were not classified as heavily nor moderately oiled during 1990-1993 surveys.

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Each beach was divided into full [100 meters (m) long] and partial [<100m long] segments. Any beach less than 100 m was a single partial segment. All of the other beaches were divided into 100m full segments and a remainder (partial) segment (if any). If the remainder was less than 10 m, it was added to the adjacent full segment rather than being used as a partial segment. The three strata were sub-divided into full and partial segments creating a total of six strata. Partial segments were sampled with replacement in proportion to their length (PPL) and estimation for these strata appropriately used Hansen-Hurwitz formulae that were designed for that scheme. Full segments were sampled with simple random sampling without replacement within each stratum and the well-known simple random sampling formulae were used. The strata were sampled independently.

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Each beach segment was sampled in the tidal range from +1.8m to +4.8m. The beach segment was divided into rows of 0.5m vertical drop in tidal elevation (6 rows) and equal-width along-beach columns that varied in number depending on the length of the beach segment (8 columns in a 100m segment). From each quadrat defined by the row and column, two 0.5x0.5m pits were randomly generated and placed within the quadrat. If oil was found in the pit, additional neighboring pits were dug to delineate the size of the oil patch for use in the adaptive sampling estimation. The amount of oil in each of the pits was classified visually (Oil Film, Light Oil Residue, Moderate Oil Residue, and Heavy Oil Residue) and for some pits in each visual classification, the content of the pit was collected for gravimetric analysis.

The sample selection was done in the EXCEL spreadsheet GisOilingData.xls. For PPL sampling of <100m segments, the beach segments in each of the strata were listed in order of the length of the beach segment and a set of uniform random numbers on the unit interval was generated. If the random number fell within the interval defined by the cumulative length of the segments, then the segment was selected. The sampling was done with replacement so a segment could be chosen multiple times. Segments sampled multiple times were given multiple sets of random pits. For sampling of 100m segments, the beach segments in each of the strata were listed in order of the length of the entire beach, and the segments were numbered consecutively. Random numbers from the set 1 to N (the number of segments) each with probability 1/N were generated and used to select segments. The random numbers were tested with a Kolmogorov-Smirnov test for uniformity and a runs test for randomness. No sequence failed a randomization test. By sorting the segments, the randomness of the sequence made it improbable that the selected segments were chosen purposively. A few segments that were chosen in the random selection could not be used because of permitting issues. In these cases, the next segment in the selection order was used.

The only potential bias identified in the sampling design and execution was the limitation of the sampling grid to the +1.8 to 4.8 m tidal ranges. During adaptive sampling of pits, oil was found to extend to the lower boundary of the grid and below. Because oil was found

<u>7/2/02</u> Date MMK DKK Kimura

outside of the grid on various occasions, the design will produce a negative bias in the estimates of residual oil. Also, in selecting samples for gravimetric analysis, it would have been more rigorous to select samples randomly within each visual classification rather than trying to choose representative samples within each classification. We understand that the representative approach was used because there was no way to predict the number of pits that would occur within each visual classification and therefore no way to predict what proportion would need to be sampled. However, a random selection could have been implemented and the probabilities adjusted during the course of the study. We do not believe that the representative selection of gravimetric samples biased the study.

#### **B.** Field methods

The potential for bias and misinterpretation due to measurement error was considered in evaluating the field methods. Our first concern was that the grid was properly placed and that sample pits were sampled and evaluated properly. Sampled segments were identified from aerial photographs, landmarks and a Global Positioning System unit. These methods were certainly adequate. The positioning of the grid on the beach was accomplished with laser technology and the positions were measured from the water's edge and calculations were based on tide tables recorded at 5-minute intervals. The grid was physically marked on the ground with tapes. Then, the positions of the random pits were measured along the quadrat boundaries and located with a stake for the personnel digging the pits. When oil was encountered in the pit, the shovel was cleaned with soap and water to avoid contaminating the next pit. At the beginning of the study, James C. Gibeaut trained a select group of personnel to classify oil using sight, smell and touch. When two trained persons evaluated the oil in the pit and their independent classifications didn't agree, they would confer on classification of the oil. Although there may have been some uncertainty regarding the proper classification of oil, there was never any uncertainty whether oil was present or not. The correlation between oil classification categories and the gravimetric analysis of the amount of oil was good confirmation of the personnel's ability to classify the oil contamination level. We did not identify any problems with the field methods that would have biased the results or created any misinterpretation.

#### II. Data audit

#### A. Residual oil estimation

#### 1. Comparison of data files to field data forms

Because the primary focus of the study was the estimation of residual oil extent and location, we conducted a very through audit of the oil classification data. Auditing the data was challenging because there was no single data file. The data for each beach segment was in a separate EXCEL file and the file contained worksheets for each column in the grid and another worksheet with summary totals for each row (vertical drop in tidal elevation) and oil classification. For each pit that contained subsurface oil in the data file (n=347), we verified that there was an "Oiled Pit Data Sheet": (see example in Appendix III) and that it was recorded correctly. In doing so we

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discovered four minor discrepancies (see Appendix II). In addition, we checked five randomly chosen beach segments to verify the cross-classification of pits: surface oil only, subsurface oil only, or both surface and subsurface oil. This was somewhat more challenging because the presence/absence of oil was denoted on the "No Oil Pit Data Sheet" (a misnomer of sorts). A "No Oil Pit Data Sheet" was completed for each column in the grid (see example in the Appendix III). In some cases the Oil? Y/N designation was circled Y if either surface or subsurface oil was found in the pit and in other cases it was only circled if subsurface oil was found. Surface oil was always indicated by "surface" or "surf" being written in the box. Thus, it was possible to cross-reference the two data sheets to determine whether the pit was suppose to be surface oil only, subsurface oil only, or both surface and subsurface oil. When we did this cross-referencing and compared our results to the beach segments that we checked, we did not find any discrepancies, so there was no ambiguity in the data recording. The "No Oil Pit Data Sheet" would have been less confusing if more options had been provided (to be circled), i.e., "No oil /Subsurface/Surface/Both."

2. Comparison of field data forms to field logbook/schedule log (M. Lindeberg)

On a very few occasions the date recorded on the field data sheet disagreed by one day when compared to the date in the field logbook and on one occasion the beach segment label for a day was incorrect in the field logbook. However, these discrepancies were not in the abbreviated field schedule log. The discrepancies were attributed to errors made during late night transcriptions to the field notebook. The discrepancies were few and minor (involving labeling only).

**3.** Comparison of field schedule log to vessel logbook (certified by captain) We found very good agreement on locations and times between the vessel logbook that was certified by the captain and the field schedule log of M. Lindeberg.

#### **B.** Chemical analyses

#### 1. Record keeping

All the field information [i.e., location, date, sample identification number (SIN), Pit #, sample and sub-sample weights] for each sample analyzed for petroleum hydrocarbons—either by gravimetric methods or by gas chromatography/mass spectrometry (GC/MS)—was compared for accuracy of information transfer. Transfers were made first from field records (e.g., "2001 PWS Gravimetric Samples") to the Chain of Custody forms and then to laboratory notebooks and record keeping/calculation spreadsheets. Only a few minor discrepancies were found and those have been noted in Appendix II.

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#### 2. Calculations

The gravimetric spreadsheet was checked for accuracy of calculations and no errors were found. The GC/MS calculation spreadsheet was not examined in detail, but inspection of quality assurance data determined that calculations were accurate.

#### 3. Quality assurance procedures

Quality assurance procedures were assessed for both gravimetric and GC/MS analyses. These included Standard Operating Procedures (SOPs), as well as the use of Standard Reference Materials (SRMs), spiked blanks/matrices, replicate analyses, surrogate recoveries and method/field blanks. In addition, the performance of the ABL was evaluated on "Interlaboratory Comparison Exercises" sponsored by National Institute of Standards and Technology (NIST). These exercises assess and report the performance of laboratories in analyzing for chemical contaminants (e.g., aromatic hydrocarbons found in oil) in unknown sediment and tissue samples by determining each laboratory's accuracy and precision.

- a. Gravimetric Analyses—quality assurance audit:
  - i. Detailed SOPs were provided for the gravimetric analyses for oil.
  - ii. "Non-oiled" samples were used as field blanks to determine the quantity of material endogenous to the sediment that was extracted by the solvent used (methylene chloride). No method blanks are necessary for this type of analysis.
  - iii. No SRM or Control Materials were used (for determining the accuracy of the method).
  - iv. No replicate analyses were performed (for determining the precision or repeatability of the method).
- b. GC/MS Analyses—quality assurance audit: (Note that a "string" is a group of samples analyzed at the same time as a unit for quality assurance purposes):
  - i. Detailed SOPs were available for these analyses that were used in the GC/MS "fingerprinting" comparison of aromatic hydrocarbons from the oil found on the beaches to those from potential sources (e.g., *Exxon Valdez* oil or the asphalt spilled following the 1964 earthquake).
  - ii. Analysis of a method blank was performed with each sample string.
  - iii. No replicate analyses of field samples were performed.
  - iv. No SRM was used to document method performance and accuracy. However, two "spiked blank" samples, consisting of certified calibration solutions from NIST, were included with each string to determine both precision and accuracy.
  - v. Recoveries of surrogate standards were calculated for each sample as a measure of method performance.
  - vi. ABL participated in NIST Interlaboratory Comparison Exercises for aromatic hydrocarbons in sediments conducted in 1999 and 2000 (results

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available in 2000 and 2001). ABL results were excellent. Average "z-scores" (NIST's measure of performance) were <1.0 and no individual score was >2. NIST indicates that Z-scores below 2 are considered satisfactory and those below 1 are excellent.

#### **III.** Suitability of study conclusions

We recognize that the research and analyses are continuing and conclusions may be drawn later that were not considered during our review. Also, we limited our review to data and analyses of the residual oil in sediments and did not consider data, analyses, and conclusions regarding the impacts of the residual oil on the organisms within the environment. Therefore, we believe the following conclusions are valid, based on our review of the methods, data, and analysis.

- There was very little overlap in distribution of surface and subsurface oil on the beaches in Prince William Sound. Thus, the location of surface oil would not be a good predictor of the location of subsurface oil on those beaches. Surface oil occurred primarily at higher tidal elevations and subsurface oil occurred primarily at lower tidal elevations within the +1.8m to +4.8m sampling grid.
- 2. Monitoring oil spills based on the amount and location of surface oil may not adequately represent the amount of oil remaining due to subsurface residual oil.
- 3. Additional subsurface oil exists at tidal elevations below the +1.8m lower boundary of the sampling grid.
- 4. Either previous (1989-1993) estimates of oil volume were low or the *Exxon Valdez* oil is more persistent than previously thought.
- 5. Adaptive sampling was not worth the additional effort. In hindsight, the additional effort should have been used in sampling additional beach segments. In particular, additional 100m beach segments in the moderately oiled stratum could have been sampled to increase precision.
- 6. The current samples analyzed by GC/MS for an oil "fingerprint" (n=12) show that most of the subsurface oil is lightly to moderately weathered and therefore may be a reservoir of toxic and bio-available aromatic compounds in the intertidal of Prince William Sound. Additional samples will be analyzed prior to confirming this conclusion.

#### **Conclusions of the scientific review**

1. Results from this study that conflict with previous studies based on different protocols should not be viewed as suspect, just because the results from the various studies do not agree. Instead, the different protocols need to be evaluated within the context of the

MAK DKK Krahn Kimura

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Date

results of this rigorous, well-designed and executed study. The finding of significant amounts of subsurface oil in the lower intertidal is scientifically significant because its presence was unexpected. Any comparisons made between this study and other studies conducted with different protocols should be made cautiously.

- 2. The field, chain-of-custody, laboratory and spreadsheet records kept for this project were excellent, with only a few minor discrepancies noted. The number of discrepancies is not unusual in a project of this magnitude.
- 3. No errors were found in the calculations and analysis.
- 4. Some of ABL's quality assurance practices could be improved, so a few suggestions of specific improvements have been provided (see "Recommendations" below).
- 5. The only potential bias identified was the occurrence of oil below the sampling grid that would imply a negative bias in the design to estimate residual oil. We believe the estimates of residual oil surface area and volume were made with a rigorous statistical design and were executed with a reliable and repeatable methodology.

#### **Recommendations**

•

- 1. Make corrections to data files for discrepancies and revise estimates of residual oil even though the changes will be minor.
- 2. Create photo-catalog of sampled beach segments and all oiled data pits that were photographed to provide clear photo-documentation.
- 3. Create a single database by amalgamating the data in each of the EXCEL spreadsheets. This will provide for better data archival for comparison to other studies and better data integrity.
- 4. Analyze additional fingerprinting samples of residual oil to strengthen comparisons with Exxon Valdez spilled oil. All local sources (e.g., diesel fuel, natural oil seeps, petroleum spills) should be eliminated as possible contributors to beach and sub-surface contamination in future reports.
- 5. Use an appropriate SRM with each string of GC/MS samples to document analytical accuracy (e.g., NIST sediment SRM 1944). Locate an SRM (if available) and use for gravimetric oil analyses.
- 6. Analyze field samples in replicate (one replicate for approximately 20 field samples) to establish homogeneity of samples and method precision.

7/2/02

- 7. Continue to participate in Interlaboratory Comparison Exercises, so that the performance of ABL can be documented on a yearly basis by an impartial organization (e.g., NIST).
- 8. We recognize that we have reviewed work that is in progress. We encourage the investigators to continue their analyses and to include the following:
  - a. maps showing the extent of oiling relative to the original spill area and the current distribution of oil (average smoothed surface),
  - b. comparison of amounts of current residual oil to earlier estimates on a site-by-site basis, and
  - c. explore and develop the statistical basis for the fingerprint test for delineating *Exxon Valdez* versus non-*Exxon Valdez* oil, even though the delineation with the alternate tested sources was quite clear.

The under-signed certify that this report is the compilation of the results and conclusions from their independent scientific review completed on  $\frac{7}{2}/2/02$ .

Daniel K. Kimura

Ronáld K. Reed

#### Appendix I. Agenda for Review of Residual Oil Study

18-19 June 2002

18 June 2002

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- 0815 Coffee, introductions; fish house conference room
- 0830 Overview
  - A. Background material on EVOS- Jeep Rice
  - B. Summary of previous studies of oil deposition, distribution and source- Jeff Short
  - C. Study purpose/rationale, general overall design- Jeff Short
- 0900 Q&A
- 0915 Field Methods
  - A. Sampling Design- Jacek Maselko
    - 1) Beach Selection
    - 2) Quadrat Selection
  - B. Field Sampling Protocol Mandy Lindeberg
    - 1) Sample positioning
    - 2) Sample collection
    - 3) Oil determination/classification
  - C. Data Collection & Quality Assurance- Mandy Lindeberg
- 1000 Q&A
- 1015 Break
- 1030 Laboratory Methods- Jeff Short A. Sample description/collection/handling B. SOPs C. Quality Assurance
- 1100 Q&A
- 1115 Statistical Analysis
  - A. Surface Area Estimation- Jerry Pella
  - B. Vertical Distribution Jeff Short
  - C. Volume Estimation- Jerry Pella
  - D. Determination of oil source- Jeff Short

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1200 Q&A

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- 1215 Lunch
- 1315 Continuation of presentations/discussion if needed
- 1400 Review Panel Meeting- Room 164, top floor, main building
- 1800 Adjourn
- 19 June 2002
- 0830- meet Fish house conference room Panel determines agenda for the day, personnel needed and when

0900-1200

Laboratory/analysis demonstration Audit data records Individual Q&A as needed

1200 Lunch

1300-1800 Review Panel Meeting

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7/2/02 Date

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#### Appendix II. Audit discrepancies

The following discrepancies were discovered in comparing the data forms, logbooks and data files.

#### **Oil Classification/Estimation**

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Field record forms – data file comparison

- 1. For beach segment SM006C-1, block B3, replicate R2, the subsurface oil was written on the data sheet as MOR but was in data file as HOR.
- 2. For beach segment LA018A-1, block A1, replicate R1, the subsurface oil was written on the data sheet as MOR but was in data file as LOR.
- 3. For beach segment KN0117A-1, block C2.5, replicate R2, the subsurface oil was written on the data sheet as LOR but was in data file as MOR.
- 4. For beach segment KN0117A-1, block A3, replicate R1, the subsurface oil was written on the data sheet as LOR but was in data file as MOR.

#### **Chemical Analyses**

Chain of Custody forms

- 1. SIN 1201016—date is incorrect, shown as 5/23 on field record.
- 2. SIN 1204009, 1204020 and 1204020—Site and/or Pit # were changed on the field record form, but not on the Chain of Custody form.
- 3. SIN 1204031-1204042---missing date, latitude, longitude and matrix values.

#### Field record forms

- 1. SIN 1201008—no date or site—this sheet was transcribed from a field record form that was ruined in the field.
- 2. SIN 1204008—missing field data sheet. Evidently, this sample was collected for the EPA, but was given this project number in error.

#### Spreadsheet for the gravimetric samples

1. SIN 1202502—"pit weight" was incorrectly transferred from field record form (spreadsheet reads 231 lbs and should be 239 lbs)

#### GC/MS lab book

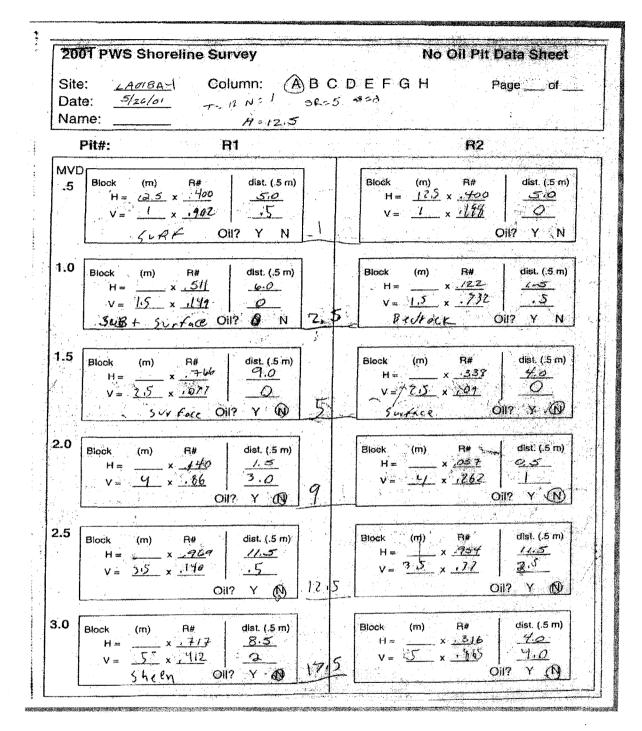
1. SIN 1204808 was incorrectly labeled 1202808 in the lab book.

Date

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#### Appendix III. Example data forms

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7/2/02 Date

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441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

### FAX COVER SHEET

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

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441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

#### MEMORANDUM

- TO: David Irons, USFWS Project 02159 PI
- FROM: Molly McCammon & Concerned
- RE: Authorization -- Project 02159 Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer
- DATE: August 2, 2002

The purpose of this memorandum is to formally authorize work to proceed on Project 02159/Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer. The work must be performed as described in the August 1, 2002 e-mail memorandum from D. Irons to M. McCammon.

cc: Tony DeGange, DOI-USFWS Liaison



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 5, 2002

Carla Helfferich Acting Acquisitions Editor University of Alaska Press 104 Eielson Building P.O. Box 756240-UAF Fairbanks, AK 99775-6240

Dear Carla:

Enclosed is a copy of a draft manuscript prepared by the *Exxon Valdez* Oil Spill Trustee Council's former communications director, Joe Hunt.

I would like to inquire of the interest of the University of Alaska Press in publishing this report. The Trustee Council views it is a topic with both state and national implications and interest. Joe has done an excellent job of preparing a book that is both well-documented and readable for a wide variety of audiences.

I would appreciate hearing from you as soon as possible whether or not publication is even a possibility. I understand that a thorough review process would be required before a final decision is made. However, we are anxious to see this in print, and if not through University of Alaska Press, we would like to pursue other options as soon as possible. The Trustee Council is prepared to assist with publishing costs.

If I can provide any additional information, please don't hesitate to contact me.

Sincerely,

Molly McCam

Molly McCammon Executive Director

Cc: Joe Hunt

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



#### MEMORANDUM

TO: Jeep Rice NMFS - Auke Bay Lab

> Bill Hauser ADF&G Liaison

- FROM: Molly McCampon Executive Director
- RE: Additional Authorization Project 02538 / Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska
- DATE: August 1, 2002

With recent submittal to the Chief Scientist of the overdue report for Project 99347, favorable review by the Chief Scientist of the preliminary results from the analysis of Spring 2001 samples, and our agreement on an extended due date for the Project 01476 annual report, the following components of Project 02538/ Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska are authorized to proceed:

NOAA Phase I	\$30,200
NOAA Phase II	\$17,400
ADF&G Phase II	\$10,100

This authorization is in addition to the authorization provided to ADF&G on October 19, 2001 to proceed with Phase I of the ADF&G component of the project (\$22,700). The funds must be spent consistent with the Detailed Project Description dated September 18, 2001 and the budgets dated July 27, 2001 and December 5, 2001.

The new due date for the Project 01476 annual report is August 9, 2002. I understand that this extension is necessary because of competing demands on the principal investigator's time due to a number of FOIA (Freedom of Information Act) requests that have been filed with NOAA.

cc: Pete Hagen, NOAA Liaison

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 28, 2002

Consulate General of the P.R.C., 1450 Laguna Street San Francisco, CA 94115

Re: Application for single entry tourist visa

Dear Consul:

Enclosed please find the following items:

- 1. My U.S. passport numbered 30117973
- 2. Completed Visa Application Form with photograph attached
- 3. Money order for \$35.00 payable to Consul General P.R.C.
- 4. Return pre-paid self addressed FEDEX envelope

Thank you for your help in this matter.

Sincerely,

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Phillip R. Mundy, Ph.D., Science Director Gulf of Alaska Ecosystem Monitoring and Research Program Exxon Valdez Oil Spill Trustee Council 441 West 5th Avenue Suite 500 Anchorage, AK 99501-2340 907-278-8012 (phone) 907-276-7178 (fax) phil\_mundy@oilspill.state.ak.us

Enclosures

Federal Trustees U.S. Department of the Interior U.S. Department of Agriculture State Trustees Alaska Department of Fish and Game Alaska Department of Environmental Conservation

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Please read "Notes" carefully on the back

441 W. 5<sup>th</sup> Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178 **MEMORANDUM** 

TO:	Kevin Buckland, Fina	ance Officer
	Department of Fish &	& Game

FROM: Molly Allamen Executive Director

**DATE:** August 29, 2002

RE: Fiscal Year 2003 Disbursement/Transfer from the Investment Fund

The purpose of this memorandum is to request you to transfer funds from the EVOS Investment Fund to both the State of Alaska (GeFONSI Fund) and the United States (NRDAR Fund) for restoration projects and land payments for fiscal year 2003. The total combined amount going to the State of Alaska and the United States is \$21,732,734.

Craig Tillery, Department of Law, filed the court notice on Friday, August 23, 2002. Attached is a letter from Craig to Lee Livermore informing him of the Council's unanimous decision to expend monies from the EVOS Investment Fund.

The State of Alaska money (\$14,472,734), as you know, should be deposited into the GeFONSI fund 33070, Account 65040 on Wednesday, September 4<sup>th</sup>.

The United States money (\$7,260,000) will be electronically transferred on Tuesday, September 3rd. Please use the following information for the wire transfer to the NRDAR fund:

#### Beneficiary:

Account: 14X5198 Name: Natural Resource Damage Assessment and Restoration Fund (NRDAR)

#### Beneficiary:

Account:	14010001
Name:	Department of the Interior
	Financial Management Services National Business Center

#### Beneficiary Bank:

Account: 021030004 Name: Treasury, NYC

#### OBI Text: Natural Resource Damage Assessment Restoration Fund 14X5198 EVOS Exxon Valdez, Civil Settlement, FY03 Joint Funds

Beneficiary Reference: A91-082Civil

If you have any questions, please call me at 278-8012.

Cc: Craig Tillery, ADOL John Jenks, ADOR Michelle Prebula, ADOR Divina Pelayo, ADFG Bob Baldauf, DOI

# STATE OF ALASKA

#### **DEPARTMENT OF LAW**

OFFICE OF THE ATTORNEY GENERAL

August 23, 2002

R)E(

#### TONY KNOWLES, GOVERNOR

1031 WEST 4<sup>TH</sup> AVENUE, SUTTE 200 ANCHORAGE, ALASKA 99501-1994 PHONE: (907)269-5100 FAX: (907)276-3697

AUG 2 6 2002

EXXON VALDEZ OIL SPILL

TRUSTEE COUNCIL

Lee Livermore Chief Investment Officer Treasury Division, Dept. of Revenue P.O. Box 110405 Juneau, AK 99811-0405

Re: Exxon Valdez Oil Spill Investment Fund

Dear Mr. Livermore:

The Exxon Valdez Trustee Council has unanimously determined to expend \$21,732,734 in joint trust funds for restoration purposes consistent with the terms of the Memorandum of Agreement and Consent Decree entered by the federal district court in United States v. State of Alaska, No. A91-081 CIV (D. Alaska) on August 28, 1991. These joint trust funds are currently held by the State of Alaska in the Exxon Valdez Oil Spill Investment Fund and invested by the Treasury Division, Alaska Department of Revenue. Under the terms of the Reimbursable Services Agreement between the Alaska Department of Fish and Game and the Alaska Department of Revenue, please transfer the following amounts from cash held in the Exxon Valdez Oil Spill Investment Fund to the accounts described below:

#### State of Alaska

Amount: Account: \$14,472,734 State of Alaska Exxon Valdez Settlement Account GeFONSI 33070 Account 65040

### Lee Livermore

Exxon Valdez Oil Spill Investment Fund

Page 2 August 23, 2002

#### United States

Amount: \$7,260,000

Beneficiary

Account: 14X5198 name: Natural Resource Damage Assessment and Restoration Fund (NRDAR)

#### Beneficiary

Account: 14010001 name: Department of the Interior Financial Management Services National Business Center

#### Beneficiary Bank

Account: 021030004 name: Treasury, NYC

#### OBI Text

Natural Resource Damage Assessment Restoration Fund 14X5198 EVOS Exxon Valdez, Civil Settlement, FY03 Joint Funds

Beneficiary Reference A91-082Civil

The transfer should take place on Tuesday, September 3, 2002 or as soon thereafter as possible. If you have any questions, please call Craig Tillery at (907) 269-5274.

Sincerely,

Craig y

Craig J. Tillery Assistant Attorney General State of Alaska

Environmental Enforcement Section Environment & Natural Resources Division U.S. Department of Justice United States of America

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 29, 2002

Craig Tillery, Assistant Attorney General Alaska Department of Law 1031 West 4<sup>th</sup> Avenue, Suite 200 Anchorage, Alaska 99501

Dear Craig:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

You can find a copy of both the final NRC report and the GEM Program Document on the Trustee Council's web site, at <u>http://www.oilspill.state.ak.us/gem/documents.html</u>.

If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Molly McCammon Executive Director

enclosure

State Trustees Alaska Department of Fish and Game Alaska Department of Environmental Conservation

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August 29, 2002

Michele Brown, Commissioner Alaska Department of Environmental Conservation 555 Cordova Street Anchorage, Alaska 99501

Dear Michele:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

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If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

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Molly McCammon Executive Director

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August 29, 2002

Frank Rue, Commissioner Alaska Department of Fish and Game P.O. Box 25526 Juneau, Alaska 99802-5526

Dear Frank:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

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If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

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Molly McCammon Executive Director

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August 29, 2002

Drue Pearce, Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior 1849 C Street, N.W. (MS6214MIB) Washington, DC 20240

Dear Drue:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

You can find a copy of both the final NRC report and the GEM Program Document on the Trustee Council's web site, at <u>http://www.oilspill.state.ak.us/gem/documents.html</u>.

If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Molly McCammon Executive Director

enclosure

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August 29, 2002

James Balsiger, Director U.S. Department of Commerce National Marine Fisheries Service P.O. Box 21668 Juneau, Alaska 99802-1668

Dear Jim:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

You can find a copy of both the final NRC report and the GEM Program Document on the Trustee Council's web site, at <u>http://www.oilspill.state.ak.us/gem/documents.html</u>.

If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

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Molly McCardmon Executive Director

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Federal Trustees U.S. Department of the Interior U.S. Department of Agriculture State Trustees Alaska Department of Fish and Game Alaska Department of Environmental Conservation



441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

August 29, 2002

Dave Gibbons, Supervisor Chugach National Forest U.S. Forest Service 3301 C Street, Suite 300 Anchorage, Alaska 99503

Dear Dave:

Enclosed is a copy of the recently finalized report by the National Research Council of the *Exxon Valdez* Oil Spill Trustee Council's Gulf of Alaska Ecosystem Monitoring and Research Program (GEM). This independent review was commissioned by the Trustee Council to aid in preparation of the GEM Program Document. The final version of that document was adopted by the Trustee Council in July 2002.

You can find a copy of both the final NRC report and the GEM Program Document on the Trustee Council's web site, at <u>http://www.oilspill.state.ak.us/gem/documents.html</u>.

If you have any questions about either of these reports, please don't hesitate to contact me.

Sincerely,

Molly McCammon Executive Director

enclosure

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August 23, 2002.

Chris Rutz Procurement Officer Alaska Dept. of Natural Resources 550 W. 7th Avenue, Suite 1230 Anchorage, AK 99501-3564

Dear Chris:

The purpose of this letter is to clarify the Trustee Council's intent in approving Project 030600. As provided in the Detailed Project Description approved by the Council, it is the Council's intent that this project be implemented through a contract with the following proposer:

Project No. Project Title

030600 Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001

#### Proposer

Dr. Robert Spies, Applied Marine Sciences

Thank you for your attention to this matter.

Sincerely,

Sunda Schubert

Molly McCammon Executive Director

cc: Carol Fries, ADNR Liaison

namedrec2.wpd

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### FAX MEMORANDUM (5 pp.)

TO: Agency Project Managers Dede Bohn, DOI-USGS Tony DeGange, DOI-USFWS Carol Fries, ADNR

Pete Hagen, NOAA Ken Holbrook, USFS Celia Rozen, ADF&G

- FROM: Sandra Schubertwww Program Coordinator
- RE: Assignment of Reports for Peer Review
- DATE: August 16, 2002

The purpose of this memo is to provide additional guidance regarding submittal of project reports per the revised report procedures adopted by the Trustee Council on July 9, 2002. I would appreciate you informing your PIs of these changes in procedure. Please give me a call if you have any questions. Thank you.

#### **Final Reports**

Under the revised report procedures, effective July 9, 2002 GEM project final reports are to be submitted to the Science Director (Phil Mundy) for peer review. The attached list entitled "Reports to Be Reviewed Under Guidance of Phil Mundy" lists those final reports from work-plan years FY 92-02 that we consider to be "GEM reports" and that should be submitted directly to Phil. All FY 92-02 final reports <u>not</u> on this list should be submitted directly to Bob Spies (with a copy to Phil), as before.

#### Annual Reports

Under the revised report procedures, effective July 9, 2002 <u>all</u> annual reports (both GEM and Restoration) are to be submitted electronically, using the two-page form available on the Trustee Council's web page (<u>http://www.oilspill.state.ak.us/admin/index.html</u>), to <u>katharine\_miller@oilspill.state.ak.us</u>. As specified in the procedures, annual reports will be reviewed by the Science Director (Mundy) and may also be reviewed by outside reviewers. The attached list specifies which annual reports (from work-plan years FY 92-02) will be reviewed by Phil or, at Phil's direction, by an outside reviewer. All annual reports <u>not</u> on this list will be forwarded by our office to Bob Spies for review.

Just a reminder that annual reports are due by September 1 of each year – annual reports on FY 02 projects are due by September 1, 2002.



# REPORTS TO BE REVIEWED UNDER GUIDANCE OF PHIL MUNDY FY 00 Work Plan

<u>Proj.No.</u>	Project Title	Proposer	<u>Lead</u> Agency	Report Status
00493	Statistically-Based Sampling Strategies for Gulf of Alaska Ecosystem Trawl Survey Monitoring	P. Anderson/NOAA	NOAA	Final report peer reviewed and returned to PI for revision July 12, 2001.
00501	Protocols for Long-Term Monitoring of Seabird Ecology in the Gulf of Alaska	J. Piatt/USGS-BRD, G. Byrd, D. Roseneau/USFWS	DOI	OVERDUE. Monitoring protocol was due September 30, 2000; due date was extended to October 31, 2000; then expected May 30, 2001; now expected March 31, 2002.

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# REPORTS TO BE REVIEWED U.JCR GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

Project Title	Lead Agency <u>&amp; Proposer</u>	Report Status
Natural Resource Management and Stewardship Capacity Building	ADFG P. Brown- Schwalenberg/CRRC	Annual report due September 1, 2002.
Prince William Sound/Lower Cook Inlet Youth Area Watch	ADFG R. DeLorenzo/Chugach School District	Annual report due September 1, 2002.
Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	ADFG T. Weingartner/ UAF	Annual report due September 1, 2002.
Testing Archival Tag Technology in Coho Salmon	DOI J. Nielsen/USGS-BRD	Annual report due September 1, 2002. [NOTE: Final report will be due in FY 04; all FY 03 & FY 04 costs will be covered by USGS.]
Exchange Between Prince William Sound and the Gulf of Alaska	NOAA S. Vaughan/PWSSC	Final report due April 15, 2003.
Mapping Marine Habitats: Kachemak Bay	ADFG C. Schoch/Kachemak Bay NERR	Final report due April 1, 2003.
Evaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM	DOI D. Roseneau/USFWS	Final report due April 15, 2003.
Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	ADFG E. Brown/UAF, J. Churnside/NOAA	Final report due May 31, 2003.
Implementation of an Ocean Circulation Model: A Transition from SEA to GEM	ADFG J. Wang/UAF	Simulation will be posted on web September 15, 2002; final report due December 15, 2002
Permanent Archiving of Specimens Collected in Nearshore Habitats	ADFG N. Foster/UAF	Final report due September 30, 2002.
Kodiak Archipelago Youth Area Watch	ADFG T. Schneider/Kodiak Island Borough School District	Annual report due September 1, 2002.
	Project Title         Natural Resource Management and Stewardship Capacity Building         Prince William Sound/Lower Cook Inlet Youth Area Watch         Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem         Testing Archival Tag Technology in Coho Salmon         Exchange Between Prince William Sound and the Gulf of Alaska         Mapping Marine Habitats: Kachemak Bay         Evaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM         Evaluation of Airborne Remote Sensing Tools for GEM Monitoring         Implementation of an Ocean Circulation Model: A Transition from SEA to GEM         Permanent Archiving of Specimens Collected in Nearshore Habitats	Natural Resource Management and Stewardship Capacity BuildingADFG P. Brown- Schwalenberg/CRRCPrince William Sound/Lower Cook Intet Youth Area WatchADFG R. DeLorenzo/Chugach School DistrictToward Long-Term Oceanographic Monitoring of the Gulf of Alaska EcosystemADFG T. Weingartner/ UAFTesting Archival Tag Technology in Coho SalmonDOI J. Nielsen/USGS-BRDExchange Between Prince William Sound and the Gulf of AlaskaNOAA S. Vaughan/PWSSCMapping Marine Habitats: Kachemak Bay Project for GEMDOI D. Roseneau/USFWSEvaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM MonitoringDOI D. Roseneau/USFWSEvaluation of Airborne Remote Sensing Tools for GEM MonitoringADFG L. Brown/UAF, J. Churnside/NOAAImplementation of an Ocean Circulation Model: A Transition from SEA to GEM Collected in Nearshore HabitatsADFG L. Wang/UAFPermanent Archiving of Specimens Collected in Nearshore HabitatsADFG T. Schneider/Kodiak Island

# REPORTS TO BE REVIEWED U. JER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

Proj.No.	Project Title	Lead Agency & Proposer	Report Status
02612	Detecting and Understanding Marine-Terrestrial Linkages in the Kenai River Watershed	ADFG W. Hauser/ADFG	OVERDUE; now expected July 19, 2002. Final report (plan) due April 15, 2002.
02613	Mapping Marine Habitats: Prince William Sound to McCarty Fjord	ADFG J. Harper/Coastal & Ocean Resources, Inc.	Final report and data products due December 31, 2002.
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	ADFG S. Okkonen/UAF	Final report due September 30, 2003.
02619	Mapping Marine Habitats: Kodiak	ADFG R. Foy/UAF, J. Harper/Coastal & Ocean Resources, Inc.	Final report and data products due October 1, 2002.
02622	Digital Maps from Existing Seasonal Environmental Sensitive Area Maps: Cook Inlet/ Kenai Peninsula	NOAA J. Whitney/NOAA	Digital maps will be provided on CD and Web July 31, 2002.
02624-BAA	A CPR-Based Plankton Survey Using Ships of Opportunity to Monitor the Gulf of Alaska	NOAA S. Batten/SAHFOS, D. Welch/DFOC	Final report due April 15, 2003.
0264 <b>9</b>	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	ADFG B. Finney/UAF, D. Mann	Annual report due September 1, 2002.
02656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	DOI G. Irvine/USGS, J. Schaaf/NPS	Annual report due September 1, 2002.
02667	Effectiveness of Citizens' Environmental Monitoring Program	ADEC S. Mauger/Cook Inlet Keeper	Final report due April 15, 2003.
02668	Developing an Interactive Water Quality and Habitat Database and Making it Accessible on the Web	ADEC J. Cooper/Cook Inlet Keeper	Final report due April 15, 2003.

# REPORTS TO BE REVIEWED U. JER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

Proj.No.	Project Title	Lead Agency & Proposer	Report Status
02671	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	ADFG D. Stram, C. Schoch/Kachemak Bay NERR	Final report due September 30, 2002.

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441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

## MEMORANDUM

TO: Trustee Council

- THROUGH: Molly McCammon Executive Director
- FROM: Debbie Hennigh A Special Assistant
- **DATE:** August 26, 2002

**RE:** Quarterly Report for the Period Ending June 30, 2002

The attached reports consolidate the financial information submitted by the agencies for the quarter ending June 30, 2002.

The first report (Table 1) is a summary of activity by restoration category. This report reflects the total adjusted authorization and the total expended/obligated by Work Plan year and restoration category.

The second report (Table 2) displays the financial information by Fiscal Year. This report is used to determine what portion of the unexpended/unobligated balance or lapse is available to off set future court requests. Included are adjustments to reflect unreported interest and other revenue. It is estimated that \$1,179,059 is available to off set future court requests. This estimate includes lapse associated with Fiscal Years 1992 through 2001 and unobligated funds associated with other authorizations for which the purpose has been accomplished. However, \$1,055,700 in interest and lapse money from the Natural Resource Damage Assessment Fund is being used to support FY 03 Phase I work plan projects.

The third report (Table 3) is a summary of financial information associated with the 2002 Work Plan.

If you have any questions regarding the information provided, please call .

Attachments

Cc: Agency Liaisons & Bruce Nesslage



### Exxon Valde Spill Trustee Council Quarterly Financia, report As of June 30, 2002 Category - Table 1

<u> </u>	9	2' Work Plan		9	3' Work Plan		9	4' Work Plan		9	5' Work Plan	
	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent
Category	Authorization		Obligated	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated		Obligated	Obligated
General Restoration	4,103,070	3,793,459	92.45%	3,126,013	2,172,316	69.49%	5,248,300	3,169,392	60.39%	5,232,695	4,436,734	84.79%
Monitoring							2,883,118	2,571,396	89,19%	3,080,926	2,460,924	79.88%
Research							8,640,710	8,085,273	93.57%	10,726,431		94.23%
Monitoring and Research	2,237,788	2,206,587	98.61%	4,204,925	3,626,649	86.25%	417,200	335,717	80.47%			
Damage Assessment	7.807.100	5,740,168	73.52%	1.991.807	1.570.900	78.87%	Q	Q	0.00%	Q	Q	0.00%
sub-total	14,147,958	11,740,215	82.98%	9,322,745	7,369,866	79.05%	17,189,328	14,161,778	82.39%	19,040,052	17,005,158	89.31%
Habitat Protection	0	0	0.00%	486,200	156,760	32.24%	3,747,292	1,656,323	44.20%	2,757,322	2,231,447	80.93%
Administration	5,076,100	4,291,788	84,55%	4,136,052	2,647,818	64.02%	4,813,880	4,008,303	83.27%	4,207,026	3,171,447	75.38%
Total	19,224,058	16,032,003	83.40%	13,944,997	10,174,444	72.96%	25,750,500	19,826,404	76.99%	26,004,400	22,408,052	86.17%
		6' Work Plan		0	7' Work Plan		0	8' Work Plan		0	9' Work Plan	
	Adjusted		Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent
Category	Authorization		Obligated		Obligated	Obligated	Authorization	Obligated	Obligated		Obligated	Obligated
General Restoration	4,133,410	The second se	90.47%	3,812,538	3,575,827	93.79%	2,413,185	2,251,612	93.30%	2,396,789	2,298,679	95.91%
Monitoring	1,496,871		96.72%	985,022	950,137	96.46%	930,911	893,143	95.94%	1,282,829	1,218,342	94.97%
Research	13.208.019		96.42%	11.430.632	11.156,278	97.60%	10.781.704	10.363.085	96.12%	7.966.482	7.721.742	96.93%
sub-total	18,838,300		95.14%	16,228,193	15,682,242	96.64%	14,125,800	13,507,840	95.63%	11,646,100		96.50%
Habitat Protection	3,304,100	2,045,292	61.90%	1,260,600	819,070	64.97%	851,400	596,353	70.04%	770,400	601,716	78,10%
Administration	3,418,500		87.16%	2,938,207	2,662,617	90.62%	2,796,300	2,531,047	90.51%	2,495,700	2,323,967	93.12%
Total	25,560,900	22,947,790	89.78%	20,427,000	19,163,929	93.82%	17,773,500	16,635,240	93.60%	14,912,200	14,164,446	94.99%
	0	0' Work Plan	·	0	1' Work Plan		0	2' Work Plan				
	Adjusted		Percent	Adjusted	Expended/	Percent	Adjusted	Expended/	Percent			
Category	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated	Authorization	Obligated	Obligated			
General Restoration	940,657	825,236	87.73%	1,006,560	961,872	95.56%	616,900	379,480	61.51%			ntingani ana anagon ying
Monitoring	1,396,603	1,353,262	96.90%	1,335,666	1,332,511	99.76%	867,941	464,419	53.51%		İ	
Research	6.071.439	5.985.424	98.58%	3.595,410	3.453.003	96.04%	3,346,659	2,362,376	70.59%			
sub-total	8,408,700	8,163,922	97.09%	5,937,636	5,747,386	96.80%	4,831,500	3,206,275	66.36%			
Habitat Protection	405,800	359,858	88.68%	268,100	210,215	78.41%	161,800	88,851	54.91%			
Administration	2,033,900	1,872,905	92.08%	1,500,200	1,454,595	96.96%	1,561,200	1,028,855	65.90%			
Total	10,848,400	10,396,685	95.84%	7,705,936	7,412,196	96.19%	6,554,500	4,323,981	65.97%			
Work Plan Time Periods:				1					1			

Work Plan Time Periods:

Support.xls Category Summary

8/9/02 10:06 AM

#### Exxon Valde.

Quarterly Report as of June 30, 2002 Summary - Table 2

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Fiscal Year	Authorized	Adjustments	Authorization	Expenditures	Expenditures	Obligations	Balance	Lapse	Lapse	Lapso
1992	19,211,000	13,058	19,224,058	13,311,903	2,720,100	0	5,912,155	5,912,155	2,292,119	3,620,036
1993	13,963,000	-18,003	13,944,997	10,174,444		0	3,770,553	3,770,553	1,752,480	2,018,073
1994	25,750,500	0	25,750,500	19,826,404		0	5,924,096	3,712,996	1,336,041	2,376,955
1995	26,004,400	o	26,004,400	22,408,052		0	3,596,348	3,596,348	880,818	2,715,530
1996	25,560,900	0	25,560,900	22,947,790	· ·	0	2,613,110	2,613,110	921,208	1,691,902
1997	19,827,600	-5,379	19,822,221	18,577,520		0	1,244,701	1,244,701	563,851	680,850
1998	17,281,600	0	17,281,600	16,250,176		0	1,031,424	1,031,424	377,369	654,055
1999	14,591,200	0	14,591,200	13,869,472		0	721,728	726,422	320,528	405,894
2000	10,816,100	32,300	10,848,400	10,019,930		376,755	451,715	650,386	218,908	431,478
Unreserved Fund Balance a/o 9	9/30/01 (Unreserved	d amount per aud	it minus unreporte	d interest + lapse	n)			1,411,854	•	1,411,854
2001	7,702,300	3,636	7,705,936	6,850,609		561,587	293,740	293,740	106,369	187,37
2002	6,048,500	506,000	6,554,500	3,373,775	-	964,313	2,216,412			
TOTAL	186,757,100	531,612	187,288,712	157,610,075	2,720,100	1,902,655	27,775,982	24,963,689	8,769,691	16,193,998
OTHER AUTHORIZATIONS			383,678,493	373,264,650		3,332,674	7,081,169	689,791	307,364	382,427
Total Reported Lapse Adjustme	ents (Through Court	t Request #45, In	vestment Fund No	tice #1, & Court I	Notice #13)			26,222,814	8,605,989	17,616,82
Unallocated Lapse (1992 throug	gh 2001)							-569,334	471,066	-1,040,400
Unallocated Interest (as of 6/30	/02)							1,715,059	569,456	1,145,603
Other Revenue (Posters/Sympo	osium Receipts)							33,592	0	(
Total Available to Offset Futu	re Court Request	5						1,179,317	1,040,522	105,203
	·									

Footnote: The Unobligated Balances have been adjusted to reflect the carry forward of projects. This includes \$2,211,100 in FY.94'.

Federal Lapse includes lapse money that has not been received by the NRDAR account as not all agencies have returned lapsed funds.

Other Authonizations: Includes all large and small parcel acquisitions, the Alutiiq Repository, Prince William Sound and Lower Cook Inlet Archaeological Repository (99154), Construction of the Alaska SeaLife Center, Implementation of the Sound Waste Mgt. Plan (97115), Kenai Habitat Restoration & Recreation (97180, 98180, 99180), Alaska SeaLife Center Fish Pass (97179), Chenega-Area Residual Oiling (96291, 97291, 98291), Kodiak Waste Mgt. Plan (99304), Port Graham Hatchery Reconstruction (99405).

		Exx	on Valdez Oil S	Spill				
			iod Ending Ju					
	· · · · · · · · · · · · · · · · · · ·	Fiscal	Year 2002 - Ta	able 3		· · · · · · · · · · · · · · · · · · ·		
Project					A/o 6/30/02	A/o 6/30/02	Expended/	Unobligated
Number	Project Description	Authorized	Adjusted	Authorization	Expenditures	Obligations	Obligated	Balance
02012	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	35,200	0	35,200	32,900	0	32,900	2,300
02052	Community Involvement/Traditional Ecological Knowledge	45,000	86,400	131,400	0		9,000	122,400
02100	Public Information, Science Management and Administration*	1,500,000	61,200	1,561,200	906,890	121,965	1,028,855	532,345
02126	Habitat Protection and Acquisition Support	161,800	0	161,800	66,750	22,101	88,851	72,949
02144	Common Murre Population Monitoring	14,800	o	14,800	9,010	0	9,010	5,790
02159	Surveys to Monitor Marine Bird Abundance in Prince William Sound during Winter and Summer 2000	33,300	. o	33,300	0	0	0	33,300
02163	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	50,000	o	50,000	32,747	0	32,747	17,253
02190	Construction of a Linkage Map for the Pink Salmon Genome	43,100	124,900	168,000	0	157,000	157,000	11,000
02195	Pristane Monitoring in Mussels	20,000	0	20,000	24,000	0	24,000	-4,000
02210	Youth Area Watch	106,100	0	106,100	33,481	68,826	102,307	3,793
02245	Community-Based Harbor Seal Management and Biological Sampling	26,800	· 0	26,800	19,897	366	20,263	6,537
02247	Kametolook River Coho Salmon Subsistence Project	30,800	0	30,800	10,774	8,665	19,439	11,361
02250	Project Management	181,700	0	181,700	109,836	4,337	114,173	67, <b>52</b> 7
02256	Sockeye Salmon Stocking at Solf Lake	15,500	o	15,500	0	0	0	15,500
02290	Hydrocarbon Database and Interpretation Service	35,000	0	35,000	27,800	0	27,800	7,200
02320	SEA: Printing Final Report	2,100	0	2,100	-155	0	-155	2,255

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	······································	Exxo	n Valdez Oil S	pill				
	······································		od Ending Ju			.,	· · · · · · · · · · · · · · · · · · ·	
	Fiscal Year 2002 - Table 3							
Decient					A /- C/20/02	A/o 6/30/02		
Project	Project Description				A/o 6/30/02	1 1	Expended/	Unobligated
Number	Project Description	Authorized	Adjusted	Authorization	Expenditures	Obligations	Obligated	Balance
	Toward Long-Term Oceanographic Monitoring of the Gulf							
02340	of Alaska Ecosystem	77,800	0	77,800	32,092	43,440	75,532	2,268
	The Exxon Valdez Oil Spill: Guidance for Future				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
02360	Research Activities	90,100	о	90,100	84,200	0	84,200	5,900
02395	Workshop on Nearshore/Intertidal Monitoring	63,600	o	63,600	21,636	30,150	51,786	11,814
							01,100	
02396	Alaska Salmon Shark Assessment	28,800	0	28,800	21,000	0	21,000	7,800
	Assessment of Spot Shrimp Abundance in Prince				· · · · · · · · · · · · · · · · · · ·			
02401	All and Stage for Tracking King Salmon at Sea:	25,500	o	25,500	10,700	0	10,700	14,800
	Migrations, Biology, and Oceanographic Preferences in			<u> </u>				
02404	Prince William Sound	104,600	0	104,600	84,457	. 0	84,457	20,143
02407	Harlequin Duck Population Dynamics	68,700	0	68,700	51,059	916	51,975	16,725
	Patterns and Processes of Population Change in							
02423	Selected Nearshore Vertebrate Predators	458,400	24,300	482,700	372,845	23,982	396,827	85,873
	Harbor Seal Recovery: Effects of Diet on Lipid							
02441	Metabolism and Health	20,200	o	20,200	7,168	12,384	19,552	648
	Gulf Ecosystem Monitoring & Research Program Data					,		
02455	System	105,000	o	105,000	33,138	1,099	34,237	70,763
02433	Effects of Disease on Pacific Herring Population	103,000		105,000		1,035	54,257	70,703
02462	Recovery in Prince William Sound	77,400	o	77,400	56,787	6,844	63,631	13,769
	Effects of Oiled Incubation Substrate on Pink Salmon							
02476	Reproduction	39,800	0	39,800	32,100	o	32,100	7,700
·	Effects of Food Stress on Survival and Reproductive							
02479	Performance of Seabirds	55,000	0	55,000	5,174	0	5,174	49,826
	Were Pink Salmon Embryo Studies in Prince William							
02492	Sound Biased?	24,000	0	24,000	21,300	0	21,300	2,700
02535	EVOS TC Restoration Program Final Report	52,400	0	52,400	22,470	7,366	29,836	22,564
	Evaluation of Two Methods to Discriminate Pacific							
02538	Herring Stocks Along the Northem Gulf of Alaska	52,900	27,500	80,400	39,357	1,016	40,373	40,027
-	Evaluation of Oil Remaining in the Intertidal from the							
02543	Exxon Valdez Oil Spill	113,100	0	113,100	94,900	0	94,900	18,200
02550	Alaska Resources Library and Information Services	93,400	0	93,400	66,881	1,649	68,530	24,870

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		Exxo	n Valdez Oli S	Spill				
			od Ending Ju					
		Fiscal	Year 2002 - Ta	able 3		r		
Project				Adjusted	A/o 6/30/02	A/o 6/30/02	Expended/	Unobligated
	Project Description	Authorized	Adjusted	Authorization	Expenditures	Obligations	Obligated	Balance
	Exchange Between Prince William Sound and the Gulf of					l i		
02552	Alaska	102,500	. 0	102,500	102,500	0	102,500	0
	Mapping the Physics and Physical Processes of Marine		1					
1	Habitats: The First Step in a Spatially Nested Monitoring			· · · · · · · · · · · · · · · · · · ·				
02556	Program	62,200	0	62,200		0	0	62,200
02558	Harbor Seal Recovery (includes bench fees)	292,300	0	292,300	165,617	1,016	166,633	125,667
	Evaluating the Feasibility of Developing a Community-		-					
02561	Based Forage Fish Sampling Project for GEM	54,300	0	54,300			13,678	40,622
02574	Bivalve Recovery on Treated Beaches	94,800	0	94,800			88,600	6,200
02584	Airborne Remote Sensing Tools	78,600	0	78,600	1		0	78,600
02585	Lingering Oil: Bioavailability & Effects	296,400	0	296,400		· · · · · · · · · · · · · · · · · · ·	221,211	75,189
02593	River Otter Synthesis	32,400	0	32,400			32,400	0
02600	EVOS Synthesis, 1989-2001	133,800		133,800		113,387	125,000	8,800
02603	Ocean Circulation Model	80,000	0	80,000		· · · · · · · · · · · · · · · · ·	77,238	2,762
02608	Archiving of Nearshore & Deep Benthic Specimens	61,600	0	61,600			58,747	2,853
02610	Kodiak island Youth Area Watch	61,800	0	61,800			59,192	2,608
02612	Marine-Terrestial Linkages in Kenai River Watershed	44,600	0	44,600			40,952	3,648
02613	Mapping Marine Habitats: Prince William Sound	80,000	0	80,000	0	0	0	80,000
	Monitoring Program for Near-Surface Temperature,							
02614	Salinity, and Fluorescence in the Northern Pacific Ocean	38,200	0	38,200		0	0	38,200
02619	Mapping Marine Habitats: Kodiak	70,000	0	70,000		0	0	70,000
02622	Digital ESI Maps: Cook Inlet/Kenai	36,600	0	36,600		. 0	0	36,600
02624	Ships of Opportunity: Plankton Survey	120,600	0	120,600	112,700	0	112,700	7,900
	Planning for Long-term Research and Monitoring							
02630	Program	79,900	240,900	320,800	103,667	78,621	182,288	138,512
02636	Commercial Fishing Management Applications	50,000	0	50,000	46,700	0	46,700	3,300
	Reconstructing Sockeye Populations in the Gulf of				· · · · · · · · · · · · · · · · · · ·			
02649	Alaska over the Last Several Thousand Years	88,100	0	88,100	31,757	53,536	85,293	2,807
	Retrospective Analysis of Nearshore Marine							
	Communities Based on Analysis of Archaeological		ĺ					
026 <b>56</b>	Material and Isotopes	109,900	0	109,900	4,800		4,800	105,100
02667	Effectiveness of Citizens' Environmental Monitoring	16,700	1,200	17,900	5,904	11,896	17,800	100
02668	Water Quality and Habitat Database	16,100	0	16,100	0	16,100	16,100	0
	Coordinating Volunteer Vessels of Opportunity to Collect							
	Oceanographic Data in Kachemak Bay and Lower Cook							
02671	Inlet	34,800	0	34,800	19,125	724	19,849	14,951

		Exxo	on Valdez Oil S	pill				_
		For the Peri	od Ending Ju	ne 30, 2002				
		Fiscal	Year 2002 - Ta	ble 3				
Project				Adjusted	A/o 6/30/02	A/o 6/30/02	Expended/	Unobligated
Number	Project Description	Authorized	Adjusted	Authorization	Expenditures	Obligations	Obligated	Balance
	Continuing Decline of Pigeon Guillemots in the Oiled							***
02674	Portion of Prince William Sound	60,400	-60,400	0	0	0	0	0
_	Unbilled GA (USGS & ADFG)			0	14,107		14,107	-14,107
		6,048,500	506,000	6,554,500	3,373,775	964,313	4,338,088	2,216,412



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# **MEMORANDUM**

- TO: Craig Tillery Regina Belt
- FROM: Debbie Hennigh A Administrative Manager

DATE: August 14, 2002

SUBJ: Court Notice #14

The purpose of this memorandum is to request that the Alaska Department of Law and the United States Department of Justice notify the United States District Court of our intent to expend the following funds from the EVOS Investment Fund (\$21,732,734) and Natural Resource Damage Assessment Fund (\$1,055,700):

Description	Amount
FY 03 Phase I Work Plan Projects	\$2,669,500
Total = \$3,725,200:	
United States (Subtotal - \$1,155,700	
reduced by amount of lapse/interest money in	
the NRDAR Fund available to cover work plan: \$1,155,700 - \$1,055,700 = \$100,000 needed	
from Investment Fund)	
State of Alaska (Subtotal - \$2,569,500)	
\$2,569,500 – Alaska	
\$ 100,000 – US	
\$2,669,500 Total	
FY 03 Project 030126 Habitat Support Costs	\$37,700
for Alaska Department of Natural Resources	
for Northern Afognak Island	

Page 1

Description	Amount
Shuyak land payment to Alaska Department of	\$11,805,734
Natural Resources	
Eyak land payment to US Forest Service	\$7,000,000
Cover the difference in value of the land to be	\$41,000
exchanged with Old Harbor Native Corporation	
for Sitkalidak Island – Department of Natural	
Resources	
Purchase of small parcel KAP 1087/Chokwak	\$160,000
by US Fish and Wildlife Service	
FY 02 Project 02126 Habitat Support Costs for	\$18,800
Alaska Department of Natural Resources for	
unanticipated contractual costs	
Total amount to be disbursed from the EVOS	\$21,732,734
Investment Fund:	
Breakdown between US/AK:	
United States \$7,260,000	
State of Alaska \$14,472,734	
Total \$21,732,734	

There have been two Trustee Council meetings (July 9, 2002 and August 6, 2002) since the last court notice, dated July 3, 2002.

Attached are the following documents:

- 1. Approved meeting notes for July 9, 2002 (part of August 6<sup>th</sup> meeting notes Attachment B).
- 2. Chokwak resolution and Executive Director's certification that the terms and conditions of the resolution have been met.
- Executive Director's certification of Trustee Council action for \$41,000 to ADNR to cover difference in value of land to be exchanged with Old Harbor Native Corporation.
- 4. Draft meeting notes for August 6, 2002 with attachments, including the work plan resolution, court notice spreadsheet, and the Trustee Council Action-text spreadsheet (Attachment D).
- 5. Executive Director's certifications of Trustee Council action for Projects 02126 and 030126.

If you have any questions or need additional materials, please let me know and I'll be glad to get them for you.

### RESOLUTION 02-06 OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL REGARDING SMALL PARCEL KAP 1087/CHOKWAK

We, the undersigned, duly authorized members of the *Exxon Valdez* Oil Spill Trustee Council ("Council"), after extensive review and after consideration of the views of the public, find as follows:

1. By resolution adopted at its meeting on January 16, 2001, the Council implemented a small parcel acquisition program through identical grants to The Conservation Fund and The Nature Conservancy (the grant to The Conservation Fund is hereinafter referred to as the "Grant");

2. The Conservation Fund and The Nature Conservancy identified the Chokwak small parcel, KAP 1087 as a small parcel to be considered for acquisition under the Grant and consulted with the Council at its meeting on December 11, 2001 concerning the purchase of the Chokwak parcel;

3. An appraisal of the parcel completed by the Bureau of Indian Affairs of the United States Department of the Interior determined that the fair market value of the parcel is \$160,000;

4. As set forth in Attachment A, Restoration Benefits Report for KAP 1087, if acquired, this small parcel has attributes which will restore, replace, enhance and rehabilitate injured natural resources and the services provided by those natural resources, including important habitat for several species of fish and wildlife for which significant injury resulting from the spill has been documented. Acquisition of this small parcel will assure protection of approximately 160 acres. The parcel includes much of the more level land at the head of the west side of Dog Bay. Along with the other native allotment in Dog Bay it provides the best access to the uplands from anchored boats or floatplanes. The parcel includes a salmon stream, which has silver, chum and pink salmon runs. Further inland, the parcel is characterized by substantial alder patches, high grass and cottonwood. The parcel is important to the sport fishing and tourism industries, both of which were impacted by the *Exxon Valdez* Oil Spill ("EVOS").

5. Existing laws and regulations, including but not limited to the Alaska Forest Practices Act, the Alaska Anadromous Fish Protection Act, the Clean Water Act, the Alaska Coastal Management Act, the Bald Eagle Protection Act and the Marine Mammal Protection Act, are intended, under normal circumstances, to protect resources from serious adverse effects from activities on the lands. However, restoration, replacement and enhancement of resources injured by the EVOS present a unique situation. Without passing judgment on the adequacy or inadequacy of existing law and regulations to protect resources, scientists and other resource specialists agree that, in their best professional judgment, protection of habitat in the spill area to levels above and beyond that provided by existing laws and regulations will have a beneficial effect on recovery of injured resources and lost or diminished services provided by these resources;

6. There has been widespread public support for the acquisition of lands within Alaska as well as on a national basis;

7. The purchase of this parcel is an appropriate means to restore a portion of the injured resources and services in the oil spill area. Acquisition of this parcel is consistent with the Final Restoration Plan.

THEREFORE, we resolve to provide funds to the United States Department of Interior for the State of Alaska to acquire all the seller's rights and interests in the small parcel KAP 1087 pursuant to the following conditions:

(a) the amount of Grant funds (hereinafter referred to as the "Purchase Price") to be provided by the Council shall be one hundred sixty thousand dollars (\$160,000) for small parcel KAP 1087;

(b) authorization for funding for the acquisition described in the foregoing paragraph shall terminate if a purchase agreement is not executed or purchase of the parcel completed by August 30, 2003;

(c) filing by the United States Department of Justice and the Alaska Department of Law of a notice, as required by the Third Amended Order for Deposit and Transfer of Settlement Proceeds, of

the proposed expenditure with the United States District Court for the District of Alaska and, if necessary, with the Investment Fund established by the Trustee Council within the Alaska Department of Revenue, Division of the Treasury ("Investment Fund") and transfer of the necessary monies from the appropriate account designated by the Executive Director of the Trustee Council ("Executive Director");

(d) a conservation easement on parcel KAP 1087 shall be conveyed to the United States which must be satisfactory in form and substance to the United States and the State of Alaska Department of Law;

(e) no timber harvesting, road development or any alteration of the land will be initiated on the land without the express agreement of the State of Alaska and the United States prior to purchase; and

(f) compliance with the terms and conditions of Paragraph 6.b. of the Grant.

- (i) title search;
- (ii) a determination that the seller is willing and able to convey title in
   a form satisfactory to the State of Alaska and Bureau of Land Management of
   the Department of the Interior of the United States;
- (iii) an executed purchase or option agreement and conveyance documents that are ready for execution;
- (iv) hazardous materials survey; and
   statement of compliance with the National Environmental Policy Act.
- (vi) statement of compliance with the National Environmental Policy Act.

It is the intent of the Trustee Council that the above referenced conservation easement will provide that any facilities or other development on the foregoing small parcel shall be of limited impact and in keeping with the goals of restoration, that there shall be no commercial use except as may be consistent with applicable state or federal law and the goals of restoration to prespill conditions of any natural resource injured, lost, or destroyed as a result of the EVOS, and the services provided by that resource or replacement or substitution for the injured, lost or destroyed resources and affected services, as described in the Memorandum of Agreement and Consent Decree between the United States and the State of Alaska entered August 28, 1991 and the Final Restoration Plan as approved by the Council.

By unanimous consent, following written notice from the Executive Director that the terms and conditions set forth herein have been satisfied, we request the Alaska Department of Law and the Assistant Attorney General of the Environment and Natural Resources Division of the United States Department of Justice to take such steps as may be necessary for withdrawal of the Purchase Price for the above-referenced parcel from the appropriate account designated by the Executive Director.

Such amount represents the only amount due under this resolution to the sellers by the State of Alaska to be funded from the joint settlement funds, and no additional amounts or interest are herein authorized to be paid to the sellers from such joint funds.

Approved by the Council at its meeting of July 9, 2002 held in Anchorage, Alaska, as affirmed by our signatures affixed below:

DAVE GIBBONS
 Forest Supervisor
 Forest Service Alaska Region
 U.S. Department of Agriculture

ruè RATIO

DRUE PEARCE Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior

FRANK RUE Commissioner Alaska Department of Fish and Game

Attachment A - Restoration Benefits Report

Assistant Attorney General State of Alaska

JAMÉS BAESIGER Administrator, Alaska Region National Marine Fisheries Service

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 14, 2002

I certify that the State of Alaska has complied with the terms and conditions of the *Exxon Valdez* Oil Spill Trustee Council's resolution of July 9, 2002, and hereby request that the Alaska Department of Law and U.S. Department of Justice notify the U.S. District Court of the following disbursements from the EVOS Investment Fund:

Parcel Number Landowner KAP 1087 James F. Chokwak, Sr. Purchase Price \$160,000

Sandra Schubert for

Molly McCammon Executive Director

State Trustees Alaska Department of Fish and Game Alaska Department of Environmental Conservation

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August 13, 2002

I certify that on July 9, 2002 the *Exxon Valdez* Oil Spill Trustee Council approved a motion to provide \$41,000 to the State of Alaska Department of Natural Resources to cover the difference in the value of land on Sitkalidak Island to be conveyed by the State of Alaska to the Old Harbor Native Corporation for land in Kiliuda Bay to be conveyed to the State by Old Harbor Native Corporation.

Sandra Schubert for

Molly McCammon Executive Director

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

I certify that on August 6, 2002 the Exxon Valdez Oil Spill Trustee Council approved a motion for the State of Alaska Department of Natural Resources to receive an additional \$18,800 under Project 02126 for unanticipated, habitat protection support costs.

Jandra Schubert for Molly McCammon

**Executive Director** 

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# TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska August 6, 2002

By Molly McCammon Executive Director

# Trustee Council Members Present:

Dave Gibbons, USFSDrue Pearce, DOIJames Balsiger, NMFS

Frank Rue, ADF&G Michele Brown, ADEC \*Craig Tillery, ADOL

\* Chair

In Anchorage: Gibbons, Tillery, and Brown

By teleconference: Balsiger (DC), Rue (Juneau), Toohey (Anchorage)

Alternates

Cam Toohey served as alternate for Drue Pearce or the entire meeting.

Meeting convened at 2:06 p.m., August 6, 2002, in Anchorage.

### 1. Approval of the Agenda

**APPROVED MOTION:** 

Approved the August 6, 2002 agenda. (Attachment A)

Motion by Brown, second by Gibbons.

#### 2. Approval of Meeting Notes

**APPROVED MOTION:** 

Approved the July 9, 2002 meeting notes. (Attachment B)

Motion by Gibbons, second by Brown.



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# TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska August 6, 2002

By Molly McCammon Executive Director

Trustee Council Members Present:

Dave Gibbons, USFS • Drue Pearce, DOI James Balsiger, NMFS Frank Rue, ADF&G Michele Brown, ADEC \*Craig Tillery, ADOL

\* Chair

In Anchorage: Gibbons, Tillery, and Brown

By teleconference: Balsiger (DC), Rue (Juneau), Toohey (Anchorage)

Alternates

Cam Toohey served as alternate for Drue Pearce or the entire meeting.

Meeting convened at 2:06 p.m., August 6, 2002, in Anchorage.

1. Approval of the Agenda

**APPROVED MOTION:** 

Approved the August 6, 2002 agenda. (Attachment A)

Motion by Brown, second by Gibbons.

2. Approval of Meeting Notes

**APPROVED MOTION:** 

Approved the July 9, 2002 meeting notes. (Attachment B)

Motion by Gibbons, second by Brown.



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# TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska August 6, 2002

By Molly McCammon Executive Director

Trustee Council Members Present:

Dave Gibbons, USFSDrue Pearce, DOIJames Balsiger, NMFS

Frank Rue, ADF&G Michele Brown, ADEC \*Craig Tillery, ADOL

\* Chair

In Anchorage: Gibbons, Tillery, and Brown

By teleconference: Balsiger (DC), Rue (Juneau), Toohey (Anchorage)

Alternates

Cam Toohey served as alternate for Drue Pearce or the entire meeting.

Meeting convened at 2:06 p.m., August 6, 2002, in Anchorage.

1. <u>Approval of the Agenda</u>

**APPROVED MOTION:** 

Approved the August 6, 2002 agenda. (Attachment A)

Motion by Brown, second by Gibbons.

2. <u>Approval of Meeting Notes</u>

**APPROVED MOTION:** 

Approved the July 9, 2002 meeting notes. (Attachment B)

Motion by Gibbons, second by Brown.





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Public comment period began at 2:10 p.m.

.. o public comment received.

Public comment period closed at 2:12 p.m.

3. Investment Fund Fees

### **APPROVED MOTION:**

Approved a motion to adjust the investment fund fees as outlined in the memo to the Trustee Council dated August 6, 2002 regarding the Investment Fund Fees (Attachment C), with a correction on page 4 changing 1/12 to 12.

Motion by Brown, second by Gibbons.

Public comment period re-opened at 2:26 p.m.

#### No public comment received.

Public comment period closed at 2:27 p.m.

#### 4. FY 03 Work Plan Phase I

#### ADOPTED RESOLUTION:

Adopted resolution 02-07 approving funding of \$3,725,200 for FY 03 Phase I projects as outlined in resolution 02-07(Attachment D).

Motion by Brown, second by Gibbons.

#### 5. FY 02 Amendment to Project 02126

#### **APPROVED MOTION:**

Approved a motion to provide \$18,800 for the Alaska Department of Natural Resources under Project 02126 for the unanticipated contractual expenses outlined on page 3 of the memo dated July 12, 2002 from Carol Fries to Molly McCammon, including a general administrative fee of 7% (Attachment E).

Motion by Brown, second by Gibbons.

### 6. Afognak Island Acquisition Support

### **APPROVED MOTION:**

Approved a motion to provide \$37,700 in funds for the Alaska Department of Natural Resources to provide the following services in regard to the proposed protection of coastal habitat in Perenosa Bay and other coastal habitat on northern Afognak Island: review land and timber appraisals, review title, and conduct a hazardous materials survey and site inspection.

Motion by Brown, second by Gibbons.

### 7. <u>Habitat Grant Extension</u>

#### ADOPTED RESOLUTION:

Adopted resolution 02-08 approving an extension of the termination date of the United States Fish and Wildlife Service grants to The Conservation Fund and The Nature Conservancy from September 30, 2002 to September 30, 2003, an extension of due date for the grant recipients' activity report to the Council from December 31, 2002 to December 31, 2003, and a revision to the schedule for funding recipients' indirect costs from quarterly disbursement to upon request for reimbursement occurring no more frequently than every 30 days (Attachment F)

Motion by Gibbons, second by Brown.

# 8. <u>Injured Resources Update</u>

### **APPROVED MOTION:**

Approved a motion to adopt the Status of Injured Resources and Services dated July 29, 2002 with a motion to amend by Gibbons, seconded by Balsiger, approving the following changes: move Subtidal Communities from "Recovered" to "Recovery Unknown" and include corresponding language changes in the recovery description of subtidal communities.

Motion by Brown, second by Gibbons.

Public comment period re-opened at 4:23 p.m.

# Public comment received from one individual in Anchorage.

ublic comment period closed at 4:27 p.m.

Meeting adjourned 4:28 p.m.

Motion by Gibbons, second by Brown.

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AGENDA EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL TELECONFERENCE MEETING August 6, 2002 2:00 p.m. 441 West 5<sup>th</sup> Ave., Suite 500, ANCHORAGE

Trustee Council Members:

CRAIG TILLERY Assistant Attorney General State of Alaska MICHELE BROWN Commissioner Alaska Department of Environmental Conservation

MARIA LISOWSKI for

DAVE GIBBONS

Forest Supervisor

DRUE PEARCE Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior

JAMES W. BALSIGER Administrator, Alaska Region National Marine Fisheries Service Forest Service Alaska Region U.S. Department of Agriculture FRANK RUE

Commissioner, Alaska Department of Fish & Game

Teleconferenced in Anchorage, Restoration Office, 441 W 5<sup>th</sup> Ave, Suite 500 \_\_\_\_\_State Chair

- 1. Call to Order 2:00 p.m.
  - Approval of Agenda\*
  - Approval of Meeting Notes\* July 9, 2002
- 2. Public Advisory Group meeting summary June 20, 2002
- 3. Public comment 2:15 p.m.
- 4. Executive Director's report
  - Quarterly Project Report
  - Investment fee amendment\*



DRAFT

- 5. FY 03 Work Plan Phase I\*
- 6. FY 02 Work Plan Amendment (02126)\*
- 7. Support for northern Afognak acquisition efforts\*
- 8. Extension of Habitat Grant\*
- 9. Update on Status of Injured Resources and Services+

Adjourn - 4:00 p.m.

\* Indicates tentative action items.

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### TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska July 9, 2002

By Molly McCammon Executive Director

Trustee Council Members Present:

•Dave Gibbons, USFS \*Drue Pearce, DOI James Balsiger, NMFS Frank Rue, ADF&G Michele Brown, ADEC Craig Tillery, ADOL

\* Chair

In Anchorage: Lisowski, Pearce, Balsiger, Rue, Brown and Tillery

Alternates

Maria Lisowski served as alternate for Dave Gibbons for the entire meeting.

Meeting convened at 10:45 a.m., July 9, 2002, in Anchorage.

1. Approval of the Agenda

**APPROVED MOTION:** 

Approved the July 9, 2002 agenda, amended by removing the small parcel KEN 310/Swartzes (Attachment A.)

Motion by Tillery, second by Brown.

### 2. Approval of Meeting Notes

APPROVED MOTION:

Approved the June 14, 2002 meeting notes (Attachment B).

Motion by Tillery, second by Brown.



Public comment period began at 10:53 a.m.

# Public comment received from one individual in Anchorage.

ublic comment period closed at 11:10 a.m.

# 3. GEM Program Document

**APPROVED MOTION:** 

Approved a motion to approve the GEM Program Document Final Draft dated July 1, 2002 in its entirety.

Motion by Rue, second by Brown.

# 4. <u>Revised Operating and Report Procedures</u>

APPROVED MOTION:

Approved a motion to approve the revised Trustee Council Procedures, review draft dated June 24, 2002, with minor language revisions.

Motion by Brown, second by Rue.

# 5. <u>Trustee Council Data Policy</u>

**APPROVED MOTION:** 

Approved motion to approve the revised Trustee Council/GEM data policy with revised language indicating it refers to all Trustee Council projects and is effective October 1, 2002.

Motion by Tillery, second by Rue

#### 6. <u>Executive Session</u>

APPROVED MOTION:

Approved a motion to move to an Executive Session.

Motion by Tillery, second by Rue.

### BREAK

Off Record at (11:39 a.m.) On Record at (11:45 p.m.)

### EXECUTIVE SESSION

Off record at (11:45 a.m.) On record at (1:53 p.m.)

#### 7. Injured Resource Update

Deferred action on Injured Resources Update until the August 6, 2002 meeting.

8. <u>Habitat Protection</u>

APPROVED MOTION:

Approved a motion to provide \$41,000 to the Alaska Department of Natural Resources to be used to equalize the values of the lands on Sitkalidak Island to be conveyed by the State of Alaska to the Old Harbor Native Corporation for lands in Kiliuda Bay to be conveyed to the State by OHNC.

Motion by Tillery, second by Rue.

# ADOPTED RESOLUTION:

Adopted a resolution to provide \$160,000 in funds to the Alaska Department of the Interior for the State of Alaska to acquire all of the seller's rights and interests in the small parcel KAP 1087/Chokwak pursuant to the conditions outlined in the Resolution 02-06 (Attachment C).

Motion by Tillery, second by Rue.

Meeting adjourned 2:48 p.m.

441 W. 5" Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



# MEMORANDUM

- TO: Trustee Council
- FROM: Molly McCammon Executive Director

RE: Investment Fund Fees - REVISED

DATE: August 6, 2002

# Background

At the July 5, 2000 meeting, the Trustee Council approved the "Resolution of the *Exxon Valdez* Oil Spill Trustee Council Pertaining to the Transfer of the Joint Trust Funds and Fees on the Investment Fund". In this resolution fixed flat fees and specific fee rates (basis points) per service or type of asset class were detailed. However, we have since learned that these fees fluctuate. For example, two of the variable rates depend upon the total amount the Alaska Division of Treasury has invested in each asset class. As a result, we are out of compliance with the July 5th resolution and would like to correct it by having the Trustee Council approve a motion that supersedes this resolution.

### <u>Issue</u>

Alaska Division of Treasury negotiates the management fee contracts for the Alaska State Pension Investment Board (ASPIB). The Council's Investment Fund "piggybacks" on these fee contracts, especially for the International and Domestic Equity pools of the Investment Fund. The fee rates do not remain constant. This is because the fee schedule is incremental. Each additional increment of invested dollars is invested at a lower rate than the previous.

### 1. International Pool

For example, the fee schedule for the International pool of the Investment Fund is detailed below:

Amount Invested		Cumulative Assets	Basis Point Fee
1 <sup>51</sup>	\$200 m	\$200,000,000	50
Next	\$100 m	\$300,000,000	45
Next	\$100 m	\$400,000,000	40
Next	\$100 m	\$500,000,000	35
Next	\$100 m	\$600,000,000	30
Next	\$100 m	\$700,000,000	25
Next	\$300 m	\$1,000,000,000	20
Remainder		Over \$1 billion	15

Non-retirement funds are charged at the lowest incremental rate. In the case above this means that, so long as the retirement assets remain at a market value of over \$1 billion, the non-retirement assets pay the final and lowest incremental rate of 15 basis points. In the event that the retirement assets market value decreases to a market value (MV) between \$700 million and \$1 billion, the non-retirement assets rate actually increases to the incremental rate of 20 basis points.

Non-retirement funds choose this option, along with the associated risk of an increase in basis point fees, because they would be hard pressed to go out and obtain active international management fees at even the retirement systems highest incremental rate of 50 basis points.

# 2. Domestic Equity Pool - REVISED

The fee schedule for domestic equity assets follows:

	Amount Invested		Cumulative Assets	Basis Point Fee		
T	151	\$250 million	\$250,000,000	1.4		
ſ	Next	\$375 million	\$625,000,000	1.0		
T	Next	\$1,075 million	\$1,700,000,000	0.8		
t	Remainder		Over \$1,700 million	0.6		

EVOS participates along with <u>several other non-retirement funds</u> in the above domestic equity pool. At June 30, EVOS' assets represented 17% of the total \$426 million in the fund. Each fund pays its prorated share of the fees for this pool. For example, for EVOS, the calculation would be:

EVOS average month end MV for the quarter Total average month end MV, all funds

X quarterly fee = EVOS share

Note that if the international fees were allocated using this same formula (Domestic Equity), EVOS' fee for FY02 would have been over 30 basis points.

# Recommendation

Recommend that the Trustee Council approve a motion that would approve Investment Fund fees based upon a basis point range instead of a flat rate. The motion should also recognize that the Division of Treasury's personal services costs will most likely increase each year and that Treasury charges funds it manages based upon a percentage of its personal services costs. Therefore, the Investment Management Fee should not be dollar specific but stated only as 0.5% of the Division of Treasury's budgeted personal services amount. Note that the 0.5% is charged per account that is established at Treasury's custodial bank, State Street Company. Treasury may cap the total Investment Management Fee to 1.0% of personal services for funds who require more than 2 accounts at the custodial bank.

The table below shows the fee approved by the Trustee Council in its July 5, 2000 resolution, the actual fees incurred for the past quarter, and the recommended fee range.

Description of Fee	Fee Approved by Trustee Council	Actual Fees for SFY 02	Fee Ranges Likely to Cover Actual Fees as Recommended by Division of Treasury	Notes
Custody Safekeeping Fee	\$5,000	Fee waived	Fee waived	Treasury has waived this fee for funds over a certain size as the 1 basis point variable fee is sufficient to cover larger funds share of the costs.
Custody Transaction Fee	1 basis point	1 basis point	No Change	
Investment Management Fee (Treasury personal services for fixed income management and accounting)	\$11,222 (0.5% of budgeted amount for Division of Treasury's personal services)	% of \$11,900 (0.5% of budgeted amount for Division of Treasury's personal services)	(0.5% of budgeted amount for Division of Treasury's personal services)	This fee fluctuates as Division of Treasury's personal services fluctuate. In SFY 03 our fee will be \$13,100 for the year. This increase is because Treasury received an increment in their 2003 budget to cover increased investment officer salaries.
Domestic Equity Fee	1.3 basis point	2.0 basis point	0.8 to 1.4 basis points	The fee would only go as high as 1.4 basis points if all other participants were to exit and EVOS was the only fund left (at approximately their existing \$70 million investment).
International Equity Management Fee	15 basis point	20 basis point	15.00 to 25.00 basis points	The retirement assets would have to be reduced by \$300 million before EVOS' fees increased to the next increment, which would be 25 basis points. This is unlikely to happen from market conditions alone. However the ASPIB board could move a portion of these assets to another manager.

# Motion:

The Trustee Council approves the EVOS Investment Fund fees for one account as follows:

- Custody fees shall be charged monthly at 1 basis point of the month end market value divided by 1/12.

- Investment Management fees shall be charged monthly at 0.5% of the budgeted amount of the Division of Treasury's personal services divided by 1/12.

- Domestic Equity fees shall be charged quarterly (based on agreement with Department of Revenue per the formula described in Attachment A), on the average month-end market value for the quarter, at a basis point rate not to exceed 1.4 basis points divided by 4.

- International Equity fees shall be charged quarterly (based on agreement with Department of Revenue per the formula described in Attachment A), on the average month-end market value for the quarter, at a basis point rate not to exceed 25 basis points.

If in one fiscal year the EVOS Investment Fund (assumes EVOS adds no new money in the fund, i.e., contributions and not earnings) fees for one investment account exceed \$150,000, approval of these fees is required by the Trustee Council.

# Attachment A

The fees Treasury shall charge EVOS for providing domestic and international equity management are based upon Treasury's existing contracts, which expire June 2003. The fee schedules are shown below:

# Domestic Equity Management - Provided by State Street Global Advisors (SSGA) - Russell 3000 Common Trust Fund

Am	ount Invested	Cumulative Assets	Basis Point Fee	
151	\$250 million	\$250,000,000	1.4	
Next	\$375 million	\$625,000,000	1.0	
Next	\$1,075 million	\$1,700,000,000	0.8	
Remainder		Over \$1,700 million	0.6	

EVOS shall be charged a prorated share of the quarterly billing from SSGA based upon EVOS' total assets in this investment as a percent of the total of all assets in this investment. EVOS' total fee cannot exceed 1.4 basis points in this investment.

## International Equity Management - Provided by Lazard Frere Asset Management

Amount Invested		Cumulative Assets	Basis Point Fee
151	\$200 m	\$200,000,000	50
Next	\$100 m	\$300,000,000	45
Next	\$100 m	\$400,000,000	40
Next	\$100 m	\$500,000,000	35
Next	\$100 m	\$600,000,000	30
Next	\$100 m	\$700,000,000	25
Next	\$300 m	\$1,000,000,000	. 20
Remainder		Over \$1 billion	15

EVOS shall be charged the lowest incremental rate applicable during the billing period after taking into account the total assets held by Treasury in this investment. For example, if the total assets equal \$950,000,000 then EVOS' fee would be 25 basis points.

The incremental rate over the last 24 months has ranged from 15 to 20 basis points. Total assets in this investment are approximately in the \$900-1,000 million range. If the Pension Board were to significantly reduce their investments in this account, the incremental rate would move progressively up (in 5 basis point adjustments). These fees for international are contingent upon the Pension Board's continued relationship with Lazard and their concurrence with Treasury's method of allocating costs of this contract.

Should either fee schedule change, Treasury will notify EVOS of the expected impact on fees to EVOS.

# RESOLUTION 02-07 OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL REGARDING THE FY 03 WORK PLAN

We, the undersigned, duly authorized members of the *Exxon Valdez* Oil Spill Trustee Council do hereby certify that, in accordance with the Memorandum of Agreement and Consent Decree entered as settlement of <u>United States of America v.</u> <u>State of Alaska</u>, No. A91-081 Civil, U.S. District Court for the District of Alaska, and after public meetings, unanimous agreement has been reached to expend funds received in settlement of <u>State of Alaska v. Exxon Corporation, et al.</u>, No. A91-083 CIV, and <u>United States of America v. Exxon Corporation, et al.</u>, No. A91-082 CIV, U.S. District Court for the District of Alaska, for necessary natural resource damage assessment and restoration activities. The Fiscal Year 2003 Work Plan Phase I is funded at \$3,725,200 as described in Attachment A. The monies are to be distributed according to the following schedule:

Alaska Department of Fish & Game Alaska Department of Natural Resources	2,240,000 329,500
SUBTOTAL TO STATE OF ALASKA	\$2,569,500
U.S. Department of the Interior National Oceanic & Atmospheric Administration	687,300 468,400
SUBTOTAL TO UNITED STATES OF AMERICA	\$1,155,700
TOTAL APPROVED	\$3,7 <b>25,2</b> 00

Funds must be spent in accordance with Attachments A and B, with the following conditions: (1) If a Principal Investigator (PI) has an overdue report or manuscript from

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a previous year, no funds may be expended on a project involving the PI unless the report is submitted or a schedule for submission is approved by the Executive Director; (2) a project's lead agency must demonstrate to the Executive Director that requirements of the National Environmental Policy Act (NEPA) are met before any project funds may be expended (with the exception of funds spent to prepare NEPA documentation); and (3) a PI for each project must submit a signed form to the Executive Director indicating their agreement to abide by the Trustee Council's data and report requirements before any project funds may be expended.

By unanimous consent, we hereby request the Alaska Department of Law and the Assistant Attorney General of the Environmental and Natural Resources Division of the United States Department of Justice to take such steps as may be necessary for withdrawal of the Fiscal Year 2003 Work Plan Phase I amount (\$3,725,200) from the appropriate account designated by the Executive Director. Approved by the Council at its meeting of August 6, 2002 held in Anchorage, Alaska as affirmed by our signatures affixed below.

DAVE GIBBONS

Forest Supervisor Forest Service Alaska Region U.S. Department of Agriculture

DRUE PEARCE Senior Advisor to the Secretary for Alaskan Affairs U.S. Department of the Interior

FRANK<sup>®</sup>RUE Commissioner Alaska Department of Fish and Game

CRA

Assistant Attorney General State of Alaska

JAMES W. BALSIGER Administrator, Alaska Region National Marine Fisheries Service

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation

Attachments:

- A Funding Distribution
- B Executive Director's Recommendation

#### Attachment A solution 02-07 EXXON VALDEZ OIL \_\_L TRUSTEE COUNCIL 2003 Federal Fi Year Project Budgets October 1, 20

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6	Sept	ember	30,	2003

Agency	Cooperating Agency(s)	GEM	Project Number	Project Title	First FY 03 Court Notification
ADF&G	· ·		030052	Tribal Natural Resource Stewardship and Meaningful Tribal Involvement in GEM	30.1
	DOI-USGS, DOI-O/S		030100	Public Information and Administration	950.2
			030190	Construction of a Linkage Map for the Pink Salmon Genome	54.5
		G	030210	Youth Area Watch	98.6
	ADNR, DOI-USGS, NOAA	G	030250	Project Management	50.0
		G	030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	51.6
		G	030455	Gulf Ecosystem Monitoring and Research Program Data System	212.9
		G	030550	Alaska Resources Library and Information Services	95.1
			030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health (including Bench Fees)	286.7
		G	030584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	39.3
	``	G	030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	22.6
		G	- 030610	Kodiak Archipelago Youth Area Watch	63.0
		G E.	020614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	18.1
	ADNR	G	020630	Scientific Management under GEM	174.8
		G ,	030649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	92.5
				ADF&G Total	2,240.0
ADNR	ADFG, DOI-USGS, NOAA	G	030250	Project Management	10.0
		G	030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	215.9
	ADFG	G	030630	Scientific Management under GEM	103.6
				ADNR Total	329.5
DOI-NPS	DOI-USGS	G	030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material & Isotopes	4.7
				DOI-NPS Subtotal	4.7
DOI-FWS	DOI-USGS		030423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	11.5
		G	030561	Community-Based Forage Fish Sampling	17.0
				DOI-FWS Subtotal	28.5

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# Attachment A solution 02-07 EXXON VALDEZ OIL STILL TRUSTEE COUNCIL 2003 Federal F' Year Project Budgets October 1, 26 September 30, 2003

Agency	Cooperating Agency(s)	GEM	Project Number	Project Title	First FY 03 Court Notification
DOI-USGS	ADFG, DOI-O/S		030100	Public Information and Administration	139.9
	ADFG, ADNR, NOAA	G	030250	Project Management	27.9
	DOI-FWS		030423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	205.1
	NOAA		030585	Lingering Oil: Bioavailability & Effects to Prey & Predators	15.7
	NOAA		030620	Lingering Oil & Predators: Pathways of Exposure & Population Status	192.3
	DOI-NPS	G	030656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material & Isotopes	49.0
				DOI-USGS Subtote	629.9
DOI-0/S	ADFG, DOI-USGS		030100	Public Information and Administration	24.2
		-		DOI-0/S Subtotal	24.2
				DOI Total	687.3
NOAA			030012	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	18.1
	ADFG, ADNR, DOI-USGS	G	030250	Project Management	49.7
	· ·		030290	Hydrocarbon Database and Interpretation Service	22.5
· ·			030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	37.1
			030574	Assessment of Bivalve Recovery on Treated Mixed-soft Beaches in Prince William Sound	36.0
		G	030575	Designing a Community Involvement/Community-based Monitoring Plan for GEM	109.6
	USGS		030585	Lingering Oil: Bioavailability & Effects to Prey & Predators	105.9
		G	030607	Geographic Information Systems (GISs) Map of Water Quality Monitoring Sites Across the Gulf of Alaska	13.1
		G	030625	Prince William Sound Isotope Ecology Synthesis	25.5
		G	030636	Management Applications: Commercial Fishing	50.9
· · · · · · · · · · · · · · · · · · ·				NOAA Total	468.4
			· · · ·	Total	3,725.2

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SPREA.	IEET B: TRUSTEE COUNC	LACTION (TEX. PREAD	SHEET)	-FY 03	FY 03	I WORK F	LAN		
Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	, , 04 Request	FY 04 Recom.	
Oil Spill: Ling	gering Injury		<u>, , , , , , , , , , , , , , , , , , , </u>		\$428.0	\$151.3	\$52.7	\$52.7	
030190	Construction of a Linkage Map for t Pink Salmon Genome	he F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. proj	\$54.5 ect	\$0.0	\$0.0	\$0.0	
experiments co that use a linkage effects of region important to the and survival). It adults were coll cohort produced Likes Creek. In the returning ac differences in m (e.g., body, size	year of a project based upon nducted at the Alaska SeaLife Center ge map that was constructed to test for ns of the genome on traits that are e recovery of pink salmon (e.g., growth n summer 2001, 259 sexually mature lected in Resurrection Bay from the 1999 d from wild pink salmon collected from n FY 03, the analysis of the genotypes in Bults will be completed to test for genetic narine survival and other life history traits e, egg number, and egg size) and a final ipt will be prepared.	completion, and it seems appropriate to provide the principal investigator with funding to complete the identified data analysis and prepare manuscripts.			Trustee Council Action Fund revised proposal, which reduces the cost of the remaining data analysis and manuscript/final report preparation. This project is important for understanding the genetic traits of pink salmon that affect growth and survival. In addition, the work being done under this project will contribute to answering questions important to fisheries management about hatchery/wild fish interactions. For example, are hatchery fish changing the gene pool in a way that makes wild fish maladapted to their environment? Are enough hatchery fish getting into streams to affect productivity of wild fish? How adapted are wild fish to particular streams?				
030290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA	Cont'd 12th yr.	\$22.5	\$0.0	\$22.7	\$22.7	
E	Project Abstract	Chief Scientist's Recommend	lation		Trus	stee Council A	ction		
services for all analysis in supp data represent 1989 to the pre- laboratory Nation restoration data interpretive services of the	roject provides data and sample archiving samples collected for hydrocarbon port of Trustee Council projects. These samples collected since the oil spill in sent and include environmental and onal Resource Damage Assessment and a. Additionally, this project provides vices for hydrocarbon analysis, public hydrocarbon and pristane databases, d maintenance of the hydrocarbon s.	This is a small project, but critical to tr remaining oil and its fate. Studies that whether the remaining intertidal subsu- Prince William Sound is contaminating require the support of this service proj amount of oil from the spill subsides, it the hydrocarbon sources is a question assumes greater importance. This pro- source identification determinations be chemical analyses that are stored in the The technical approach is sound, as it demonstrated by more than ten years The approach and products from this appeared in many peer reviewed publi- Fund.	t will focus or urface oil in g the food we ject. As the the identity of n that oject makes ased on the he database. nas been of successes study have	n (00195, project b of hydro studies	, 01195, 0159 provides the ocarbon data	submittal of ov 19) and manus ongoing analy for other Trus	script (0059 sis and inte	18). This erpretation	

# SPREAL JEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	ہ . 04 Request	FY 04 Recom.
030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 5th yr. 5 yr. projee	\$37.1 ct	\$0.0	\$0.0	\$0.0

### Project Abstract

Populations are maintained through successful reproduction: this study is designed to determine if exposure to oil impairs pink salmon reproduction. This experiment began in the fall of 1998 when pink salmon eggs were incubated in oil contaminated water. Fish that survived exposure were marked and released in the spring of 1999. They reached maturity at sea and returned to spawn in the fall of 2000. Return rates confirmed previous observations of reduced marine survival among exposed fish, but evaluations of offspring (F1) survival rates did not indicate any reproductive impact. The F1 were incubated in clean water until spring 2001 when they were marked and released. They will mature and return to the hatchery in the fall of 2002 and their reproductive ability will be evaluated by generating an F2 generation. A diminished ability to produce the F2 generation represents a genetic effect of oil transmitted to unexposed generations. Such an effect was demonstrated for similarly treated pink salmon in 1997, but corroborating data do not exist. This project is designed to retest that experiment; if diminished reproductive ability is corroborated, it would demonstrate a significant and unanticipated effect of oil pollution.

# Chief Scientist's Recommendation

This is an important project because it rigorously tests the hypothesis that pink salmon have herritable damage expressed as reduced survival. The Trustee Council should complete this project, as it has been fundamental for understanding the damage to pink salmon from the oil spill. The FY 03 work will complete a two-generation experiment started in 1998 with exposure of salmon eggs to oil. Fund.

## **Trustee Council Action**

Fund closeout of this project contingent on submittal of overdue reports (99347, 01476). This project is validating the effects of oil contamination on pink salmon, thus contributing to our understanding of the injury and recovery status of this injured species.

#### **IEET B: TRUSTEE COUNCIL ACTION (TEX** PREADSHEET) -- FY 03 PHASE I WORK PL. **SPREA**

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, J4 Request	FY 04 Recom.
030585	Lingering Oil: Bioavailability and Effects to Prey and Predators	J. Rice, J. Short/NOAA; J. Bodkin, B. Ballachey/USGS; D. Esler/Simon Fraser Univ.	NOAA & DOI	Cont'd 2nd yr. 2 yr. projed	\$121.6 ct	\$0.0	\$0.0	\$0.0

#### Project Abstract

About 20 acres of contaminated beach were found in 2001 surveys of western Prince William Sound conducted under Project 01543. In these areas, sea otters and harlequin ducks have not recovered, raising concerns that continued oil exposure may be affecting their survival. Biochemical assays and mortality patterns apparently still exposed to lingering oil. This is a are consistent with continuing oil exposures, but prior to this study, linkages between oil persistence and impacts remaining in the intertidal and how it may be at higher trophic levels had not been attempted. In this study, shoreline contamination, exposure and effects were examined simultaneously by choosing a common set of sites at which to assess oil persistence and biological impacts on sea otters and harlequin ducks. Fieldwork was conducted in FY 02, and closeout activities, including data analyses and writing of reports and publications, will be done in FY 03. The National Oceanic and Atmospheric Administration's Auke Bay Lab has been leading the studies of oil bioavailability and impacts to prey species; Department of Interior-U.S. Geological Survey has been directing the studies on sea otters and harlequin ducks.

### Chief Scientist's Recommendation

This is a very good to excellent proposal that addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including clams and intertidal fish, sea ducks (harlequin ducks) and sea otters, which are closeout of the two-year project to document oil available to higher trophic levels. The request for funds to analyze oil-exposed bivalves is warranted, as this may establish an exposure pathway to higher trophic levels. The project is related to Project 03620, but the latter project focuses more closely on relating foraging area to exposure. Fund, including funds for additional chemical analyses and sediments. analysis of interstitial water samples.

#### **Trustee Council Action**

Fund closeout of this project, including funds for additional chemical analyses and analysis of interstilial water samples, contingent on (a) approval of the revised Detailed Project Description, which reflects this additional work and (b) submittal of overdue reports (00195, 00454, 01195, 01599) and manuscript (00598). This project, which integrates studies of sea otters and harlequin ducks with continued assessment of oil persistence, is the product of a workshop convened in 2001 to review results from Project 01543/Evaluation of Oil Remaining in the Intertidal and to identify information gaps. The project's objective is to determine if the signs of continued oil exposure in sea otters and harlequin ducks are linked to the oil remaining in intertidal

# SPREA JEET B: TRUSTEE COUNCIL ACTION (TEX JPREADSHEET) -- FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	. 04 Request	FY 04 Recom.
030594	Development of an Alaska Standard Species for Marine Toxicity Testing The Alaska Green Urchin	R. Perkins/UAF	ADFG	New 1st yr. 1 yr. proj	\$0.0	\$0.0	\$0.0	\$0.0
This project will d testing procedure species. None of or recommended Agency and other cold-water test ar species to make species is unsatis and this practice of the results. De crude oil compon dispersants and to developing the Al	e using cold water and an Alaska f the standard test procedures required d by the Environmental Protection r environmental regulators use nimals. Use of typical warm-water decisions about Alaska conditions and sfactory from a scientific standpoint, also interferes with public acceptance ecisions requiring toxicity testing include nents and cleanup chemicals, such as beach cleaners. This project proposes laska green urchin as a test species. ertilization and embryo development are	<u>Chief Scientist's Recomm</u> The core tasks in this proposal ha done and extensively published by colleagues at the University of Wa the 1980s. The project also has lin restoration. Do not fund.	ve already been y Dinnel and his ashington during	Do not	Trus	<u>tee Council A</u> n Chief Scient		

# SPREAL \_\_HEET B: TRUSTEE COUNCIL ACTION (TEX \_\_PREADSHEET)--FY 03 PHASE I WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	+ , 04 Request	FY 04 Recom.
030620	Lingering Oil and Predators: Pathways of Exposure and Population Status	S. Rice, J. Short, M. Lindeberg/NOAA; J. Bodkin, B. Ballachey/USGS-DOI	NOAA & DOI	New 1st yr. 2 yr. proje	\$192.3 ct	\$151.3	\$30.0	\$30.0

### Project Abstract

### Chief Scientist's Recommendation

Lingering oil and continued effects to sea otters and sea This is an important project for understanding the ducks are the most surprising and best documented long term impacts of the oil spill. Strong evidence is accumulating which implicates lingering oil as a factor constraining recovery of the nearshore ecosystem in western Prince William Sound. Acute and chronic contamination of sediments and prey species were well documented during the years following the spill. Twelve years later, elevated biomarker levels in sea otters and sea ducks have indicated continued exposures to hydrocarbons. Evidence implicating a route of exposure to date has been largely circumstantial. However, in 2001 and 2002, extensive sampling was undertaken to document the distribution, abundance, and bioavailability foraging activities to the contamination of the forage of lingering oil along those shorelines most heavily impacted by the spill. This has paved the way for identifying specific areas where sea otters and sea ducks could be currently foraging and exposed to lingering oil. This project is an outgrowth of the earlier studies and will focus on the direct pathways of lingering oil to sea otter and sea duck populations in two heavily impacted bays in the western sound.

lingering effects of the oil spill in some of the most heavily oiled localities from 1989. It is a very good to excellent proposal that addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including sea ducks (harlequins) and sea otters, which have not recovered from the effects of the spill and are apparently still exposed to lingering oil. There is some concern about the experimental design for the prey base study (the National Oceanic and Atmospheric Administration (NOAA) component), particularly being able to relate the location of base. The means of contamination--eating versus external contact--is also a question. Fund USGS (U.S. Geological Survey) component; defer decision on funding NOAA component pending consultation with the peer review team.

## **Trustee Council Action**

Fund USGS (U.S. Geological Survey) component on sea otters and harlequin ducks (\$192,300); defer decision on funding NOAA (National Oceanic and Atmospheric Administration) component on habitat and lingering oil (\$151,300) pending a workshop to be held Fall 2002 on the results to date from Project 03585/Lingering Oil: Bioavailability and Effects to Prev and Predators. If funded, funding for the NOAA component will be contingent on submittal of the principal investigators' overdue reports (00195, 00454, 01195, 01599) and manuscript (00598) from prior years. This project follows on Project 02585, which is integrating studies of sea otters and harlequin ducks with findings of the lingering oil survey conducted Summer 2001 (Project 01543). The project is designed to address additional objectives related to the potential effects of remaining intertidal oil deposits--specifically in regard to the food web--on sea otters and harlequin ducks, both of which have not recovered from the oil spill and are apparently still exposed to lingering oil.

SPREA	IEET B: TRUSTEE COUNCI	L ACTION (TEX PRI	EADSHEET)	FY 03	PHASE	I WORK F	PLA	
			Lead	New or	FY 03 Approved	FY 03 Deferred to	, . 04	FY 04
Proj.No.	Project Title	Proposer	Agency	Cont'd	8/6/02	11/25/02	Request	Recom.
Oil Spill: Re	covery Monitoring				\$340.8	\$25.0	\$18.2	\$0.0
030012	Photographic Monitoring of Resider Killer Whales	t C. Matkin/North Gulf Ocea Society	nic NOAA	Cont'd 11th yr.	\$18.1	\$0.0	\$18.2	
	Project Abstract	Chief Scientist's Recom	<u>mendation</u>		Trus	tee Council A	ction	
pod of killer w cooperative p various found yearly basis s	vill support monitoring of the resident AB hales and other resident pods as part of a rogram with the Alaska SeaLife Center and ations. Monitoring has occurred on a ince 1984; this long-term data set was uating the oil spill effects on killer whales.	This project will monitor an impo pod. Killer whales are a top troph species that is dependent on the marine ecosystem. Killer whales increasingly important species for industry that is worth many millio year. The killer whale population Alaska has been increasing and population appears to be healthy pod declined precipitously at the and, for a time after the spill, app danger of complete disintegratio grown since about 1994 and poor seems less likely. The continuation the status of the AB pool. Fund,	ic-level, sentinel integrity of the are also an r tourism, an ns of dollars per in the Gulf of overall the . However, the A time of the spill beared to be in n. The AB pod ha disintegration no on of this ntinuing data abo	manuse niche p beyond reduce sources for con William B	cripts funded i artitioning). A has not yet b d from earlier s of funds ava	tingent on cor in prior years decision on f een made. F years to reflec ilable to the p ring of killer w Cenai Fjords.	(mating sys funding in F unding in F ct the addit rincipal inv	Y 04 and Y 03 is ional estigator

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#### SPREA. HEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	,,04 Request	FY 04 Recom.
030462	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 5th yr. 5 yr. projec	\$0.0	\$25.0	\$0.0	\$0.0

### Project Abstract

#### Chief Scientist's Recommendation

the pelagic ecosystem. This study has contributed

herring. In the opinion of the reviewers, most of the

value of this project has been obtained through the contributions already made to the literature and to

the management of the herring fishery by work on

the VHS (viral hemorrhadic septicemia) virus. The

substantial investment of further research money in

sample processing for determining the presence of

reviewers feel there is insufficient justification for

Herring remain one of the key non-recovered

species and are of substantial commercial

In spring 2001, prevalence of Ichthyophonus hoferi (38 percent) in the Pacific herring population of Prince any year studied (1989-2000). I. hoferi causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, I. hoferi was not associated with unexpected declines in population biomass, but during the last century increases in I. hoferi prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 I. hoferi outbreak, this project will analyze samples already collected in fall 2001 and spring 2002 as part of Project 02462.

a second pathogen (Ichthyophonus hoferi), However, a modest contribution of matching funds to a larger effort would be in order. Fund at level of \$25,000 if matching funds are obtained.

## **Trustee Council Action**

Defer decision on funding this project until November, pending contribution of funds from non-EVOS sources William Sound was more than 50 percent greater than in importance, in addition to being a key component of to carry out the project as proposed. This project, which has made an important contribution to management of much to our understanding of disease expression in the herring fishery, will complete its work on viral hemorrhagic septicemia in FY 02 (Project 02462). The proposer has requested funds to conduct new work on Icthyophonus hoferi in FY 03. The reviewers consider the organ-by-organ pathobiological study proposed to be of lower priority at this stage of the restoration program, but a modest contribution of \$25,000 to the project may be worthwhile. Deferring the project until November will provide the proposer an opportunity to secure funds from other sources. The project objective is to determine whether disease continues to limit recovery of the Prince William Sound herring population.

030558	Harbor Seal Recovery: Application of	S. Atkinson/UAF	ADFG	Cont'd	\$286.7	\$0.0	\$0.0	\$0.0
	New Technologies for Monitoring Health			3rd yr.				
				3 vr. proj	ect			

# **Project Abstract**

This study is a continuation of the study to assess the potential for new technologies to monitor the endocrine and immune systems for the health of harbor seals. During year one, baseline samples were collected from both permanently captive and rehabilitation seals at the Alaska SeaLife Center. Analysis of thyroxine (T4), triiodothyronine (T3), and cortisol (metabolic and gluconeogenic hormones), and measurement of immunoglobulins (IgG, IgM, and IgA) and organochlorine contaminants are currently being assessed. Cell lines to quantify immunoglobulins have been initiated, and baseline hormones have been established. FY 03 will compare the profiles of free-ranging seals and those failing to thrive in their environment in an effort to restore this species.

# **Chief Scientist's Recommendation**

This is an excellent proposal investigating contaminant effects on reproductive biology of harbor seals. Previous concerns about the pace of assay development have been addressed and the project is on track to complete its objectives. Fund.

## **Trustee Council Action**

Fund; previous concerns about the pace of assay development have been addressed and budget questions have been resolved. FY 03 was to be this project's closeout year (data analysis and final report writing only) but additional sample collection--and the corresponding bench fees for housing the research animals at the Alaska SeaLife Center--has also been proposed and is recommended for funding along with closeout activities. This project is employing new technologies at the Alaska SeaLife Center to assess. and monitor the health of harbor seals. [Note: The funding amount includes \$167,600 for Alaska SeaLife Center bench fees.1

# SPREA JEET B: TRUSTEE COUNCIL ACTION (TEX JPREADSHEET)--FY 03 PHASE I WORK PLA.

Proj.No.	Project Title	Proposer	Lead Agency	New or Conl'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	04 Requ <b>e</b> st	FY 04 Recom.
030574	Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prin William Sound		NOAA	Cont'd 2nd yr. 2 yr. proj	\$36.0 ject	\$0.0	\$0.0	\$0.0
Studies from 198 assemblages on high-pressure ho damaged in term This project will a injury to these as conclusions are a considerable prop areas of the sour these beaches ar ability to support	oject Abstract 99 through 1997 suggest that bivalve beaches in Prince William Sound with it-water washing remain severely is of species composition and function. assess the generality of this apparent esemblages. A finding that our accurate will indicate that a portion of mixed-soft beaches in treated nd remains extremely disturbed and that re functionally impaired in terms of their foraging by damaged nearshore tors such as sea otters and harlequin	Chief Scientist's Recomment This is the second and final year of fu intertidal project. The need for this we been recognized in the Restoration P until last year did an affordable project Fund.	Inding for this ork has long lan, but not	initiated Adminis continu of impo	loseout of this I under the Na stration's HAZ ing effects of ortant bivalves	tee Council A project, which ational Ocean MAT program shoreline clean shoreline clean thus allowing arger geograph	h will exten ic and Atmo to docum inup on pop g the result	ospheric ent pulations

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# SPREA IEET B: TRUSTEE COUNCIL ACTION (TEX

# PREADSHEET)--FY 03 PHASE I WORK PL.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	. 04 Request	FY 04 Recom.
Oil Spill: Eco	system Recovery & Function				\$216.6	\$148.9	\$0.0	\$0.0
030423	Patterns and Processes of Populati Change in Selected Nearshore Vertebrate Predators	on J. Bodkin, B. Ballachey/USGS-BRD, D. Esler/Simon Fraser Univ.	DOI	Cont'd 5th yr 5 yr. proj	\$216.6	\$0.0	\$0.0	\$0.0
Sea otters and h from the oil spill differences betw oiled areas, both P4501A, almost to oil. This proje exposure and th intent of unders these species a The results also recovery of the work has consis species, and a o Proposed activit final year of har exposure and s	troject Abstract harlequin ducks have not fully recovered , based on population-level demographic veen oiled and unoiled areas. Further, in h species show elevated cytochrome t certainly reflecting continued exposure ect is exploring links between oil he lack of population recovery, with the tanding constraints to full recovery of and the nearshore environment generally. In serve to monitor the progress of species and the system. To date, the sted of field components for both captive component for harlequin ducks. ties for FY 03 include (a) the third and lequin duck field studies quantifying oil urvival of females during winter and (b) roject components and preparation of	Chief Scientist's Recommen This is a high quality project that has outstanding contributions to the EVO Vertebrate Predator (NVP) program 99025). Sea otters and harlequin du shown ongoing injury. The experime harlequins to derive dose-response r especially valuable (although proced challenging). Fund closeout of sea of as proposed; fund an additional year field work/data collection in order to of there is a link between P4501A expo survival of individual female harlequin	made S Nearshore (Project cks have ental work with esults is urally ofter component of harlequin determine if sure and	sea otte the revi compor the proj apparer meet pr t extensi (Projec otters a includes	evised propos er component ewers in rega- nent have bee lect's FY 02 p nt that a third roject objectiv on of the Nea t 99025) work ind harlequin s closeout ac writing) for bo	etee Council A al, which redu slightly. The and to the harle an addressed reliminary res year of field s res. This proje arshore Verteb on two still-in ducks. The F tivities (final d th the sea otte	ices the cos questions r equin duck through a r ultsit is no tudy is nec tudy is nec tot is an imp rate Preda ijured spec Y 03 fundin ata analysis	raised by eview of ow essary to portant tor project ies, sea g request s and

SPREA	HEET B: TRUSTEE COUNC	IL ACTION (TEX PREA	DSHEET)-	FY 03	PHASE		PLA	
					FY 03	FY 03		
Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	04 Request	FY 04 Recom.
030587	Understanding the Cellular Process		NOAA	New	\$0.0	\$148.9	\$0.0	\$0.0
	Recovery and Its Utility in Oil-Spill Restoration Efforts	Biotechnologies, Inc.		1st yr. 1 yr. proj	ect			
	Project Abstract	Chief Scientist's Recommer	<u>idation</u>		Trus	tee Council A	<u>ction</u>	
mechanisms species impa- determine the exposure on and genomic slow the rate staminea and cellular-phys these two sp parameters i different leve work may pro critical to the invertebrate areas. It will monitoring m	will elucidate the cellular and genomic that affect the rate of recovery in bivalve acted by the oil spill. The project will (a) e adverse affects of a long-term oil-spill specific processes of cellular physiology integrity that could potentially impede or s of recovery in populations of <i>Protothaca</i> d (b) determine the link between iological condition with PAH-body burden in ecies of bivalves by characterizing these in populations from sites that exhibit ls of oil contamination. Completion of this povide a foundation to address questions issue of variable rates of recovery in both and vertebrate species in oil-impacted provide new and powerful tools to improve tethodologies, as well as potentially uable information for restoration efforts.	This project will apply a battery of bid determine the sublethal impact of re- mollusk physiology. Some interestin presented in the proposal. However proof of principle for the effects post proposal lacks a strong justification f existing biomarker literature, and it is clear how experienced the investigal area. In light of the preliminary data proposal, however, the investigators encouraged to address these weakn revised proposal. Defer pending sub review of a revised Detailed Project addresses the peer reviewers' conce	sidual oil to g data is , there is no ulated, the from the s not entirely fors are in this submitted in th should be resses in a pmittal and Description tha	pending Project concerr biomark experie probabl amount e placeho subleth and how recover	y submittal an Description the s (proof of provide the submitted the submi	nding this proj d review of (a nat addresses incipal, refere and principal a revised budg ontractual and mended colur roject is desig esidual oil to n o residual oil m	) a revised the Chief S nce to exis investigator get that clar travel costs nn above is ned to dete nollusk phy	Detailed Scientist's ting rs' ifies (and s (the s a ermine the siology

#### **SPREA** HEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PL FY 03 **FY 03** Deferred to New or Approved . . 04 l ead **FY 04** 8/6/02 11/25/02 Cont'd Agency Request Proi.No. **Project Title** Proposer Recom. **GEM Cross-Habitat Linkage: Synthesis** \$254.5 \$214.3 \$0.0 \$184.8 ADNR Cont'd G-030600 Synthesis of the Ecological Findings R. Spies/EVOS Chief Scientist, et \$215.9 \$0.0 \$184.8 \$184.8 from the EVOS Damage Assessment al 2nd vr. and Restoration Programs, 1989-2001 3 yr. project Project Abstract Chief Scientist's Recommendation **Trustee Council Action** This project is synthesizing the results from 12 years of Proposal will not be reviewed by Chief Scientist. Fund. This project will integrate what has been learned post-spill study in the EVOS damage assessment and Two independent reviews have been conducted. from more than a decade's worth of science following restoration programs in the context of anthropogenic the oil spill. Such a synthesis will fulfill at least two and natural factors causing change in the northern Gulf purposes: (a) inform the public about the EVOS legacy of Alaska ecosystem. The result of the work will be an in a scientifically rigorous yet readable volume and (b) integrated synthesis book. The book will consist of three provide a foundation for GEM. A detailed outline for the major sections: (a) the basic structure and function of synthesis will be completed shortly and will be supplied the ecosystem, (b) how it changes over time and how it to the Trustee Council for comment. In addition, the responds in disturbances, and (c) the effect of the spill: principal investigator should work closely with the how our understanding of the ecosystem has matured Trustee Council Office in designing the multimedia and what future path will help us better understand this presentation to ensure that it will be a useful tool for valuable marine ecosystem. The book will be a major Council staff in communicating the results of the product of the EVOS restoration program and help set restoration program to the public and others. the foundation for GEM. NOAA G-030607 New Geographic Information Systems (GIS) M. Gracz/Cook Inlet Keeper \$13.1 \$0.0 \$0.0 \$0.0 Map of Water Quality Monitoring Sites 1st vr. Across the Gulf of Alaska 1 yr. project Project Abstract Chief Scientist's Recommendation **Trustee Council Action** Fund contingent on clarification by the proposer of the This project will synthesize existing data to create a This proposal will create a database and map of comprehensive Geographic Information Systems (GIS) water quality sites in the Gulf of Alaska. Such a geographic area to be covered by the project (the map and database of monitoring sites across the Gulf of database will be useful in meeting GEM objectives. database should include the entire geographic area Alaska. This map will be published in hardcopy and will Fund contingent on clarification by the proposer of encompassed by the GEM program). This project will be linked to CIIMMS (Cook Inlet Information the geographic area to be included (the database create a GIS map of water quality monitoring sites Management and Monitoring System, Project 01391) should include the entire geographic area (including physical, chemical, and biological and STORET, through which the map and data can be parameters) by identifying existing sites across the Gulf encompassed by the GEM program). easily updated and made available to monitoring entities of Alaska and incorporating this information into as well as policy makers, scientists, and the general CIIMMS (the Cook Inlet Information Management and public. This map and the accompanying data will serve Monitoring System created under Project 01391). This as a lasting tool for the restoration and protection of the information will be useful for GEM planning. Gulf of Alaska's resources by coordinating diverse monitoring efforts and establishing a framework into which information about current and future monitoring programs can be entered.

# SPREAL HEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA.

		•	Lead	New or	FY 03 Approved	FY 03 Deferred to	J4	FY 04
Proj.No.	Project Title	Proposer	Agency	Cont'd	8/6/02	11/25/02	Request	Recom.
G- 030625	Prince William Sound Isotope Ecolo Synthesis	ogy T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. proj	\$25.5 ect	\$0.0	\$0.0	\$0.0
Pre	oject Abstract	Chief Scientist's Recomm	endation		Trus	tee Council A	ction	
present structure William Sound th with tentative title structure of the p Sound, Alaska". will be useful bec	provide a 'big picture' synthesis of the of the pelagic ecosystem of Prince irough preparation of a scientific paper e: "A stable isotope based trophic pelagic community of Prince William The documentation of a 'before picture' cause the recently documented regional is composition is likely to alter pelagic during GEM.	The proposed synthesis could be product, and the principal investig the most knowledgeable individua synthesis. Fund revised proposal, the cost of the project to a more a	ator is certainly I to prepare this which reduces	scope a This pro pelagic stable is and ana previous Ecosyst	and budget as bject will prepa- ecosystem of sotope ratio d alyzed by the s EVOS proje tem Assessm	al, which redu directed by the are a synthesi Prince Willian ata from biota principal investors cts (Project 9 ent; Project 0 Structure and	ne Chief Sc s manuscri m Sound, L samples c stigator und 8320/Soun 1393/Prince	ientist. ipt on the using collected ler d
G-030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New	\$0.0	\$0.0	\$29.5	\$0.0
				1st yr. 2 yr. proj	ect			
Pr	oject Abstract	Chief Scientist's Recomm	endation		Trus	tee Council A	<u>ction</u>	
ontogenetic incre walleye pollock s processes when analysis of archiv multiple trophic le larger pollock car those that are ag that pollock of thi cannibalism. Pol being removed fr discovery of a mo SEA project (Sou /320.) The propo- will be useful to C effectively remov	synthesize information that suggests eases of the trophic position of the such that they contribute to top-down >600mm in length, using stable isotope ved samples and data. Pollock feed at evels depending on their size, with nnibalizing smaller pollock, especially e-0. Preliminary analysis suggested is size range have a high potential for llock of this size range are presently rom Prince William Sound since the ostly undisturbed population during the und Ecosystem Assessment, Project osed documentation of a 'before picture' GEM, because fishing pressure may re the larger size class pollock from the ppened in the Bering Sea.	This proposal from qualified inves present a convincing case that co can be adequately controlled to re questions it poses. The potential of restoration objectives is thus likely not fund.	nfounding factors solve the contribution to	recomm analysis pollock express the proj	nendation. The to examine under different ed concern a ect and whether	n Chief Scient his project wor the trophic point conditions. bout the expense ner unambigue ethods propo	uld use stal sition of wa The review rimental de ous results	lleye vers esign of

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#### .IEET B: TRUSTEE COUNCIL ACTION (TEX ..... READSHEET)--FY 03 PHASE I WORK PLA. SPREA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, 04 Request	FY 04 Recom.
GEM Cross-H	Habitat Linkage: Community Invo	lvement			\$369.2	\$150.5	\$340.0	\$0.0
G- 030052	Tribal Natural Resource Stewardsh and Meaningful Tribal Involvement GEM		ADFG	Cont'd 9th yr.	\$30.1	\$150.5	\$192.6	
Ē	Project Abstract	Chief Scientist's Recommendat	lion		Trus	tee Council A	ction	
establishing Co Resource Plan identifying prior research and n	project will focus on four objectives: (a) bre Action Plans for the Tribal Natural s being developed in FY 02, (b) rity regional and community-specific nonitoring issues and concerns and fitting unity-based research and monitoring	The Trustee Council has committed to or involvement in both the GEM and ongoin programs. This proposal cannot be fully until the Tribal Natural Resource Plans for completion in FY 02 from this project reviewed by the Trustee Council. These	ng oil spill evaluated scheduled t have beel	Planne Workst particip n related	r first quarter hop scheduled ation in GEM overhead (\$3	\$30,100 for salary (\$15,00 d for Novembe planning mee 5,600) and gen decision on b	00), Wisdor er (\$7,000), tings (\$2,0 ieral admin	nKeeper tribal 00), and istration

community commitment to implementation of the

reviewed for their content, relationship to GEM, and pending a review of FY 02 results (completion of Tribal Natural Resource Plans; tribal participation in technical plans. Defer funding pending receipt of these plans. workshops/training sessions; communication of EVOS results to villages). The Detailed Project Description and budget need to be revised to more directly build on the work performed in FY 02 and to avoid duplication with Project 03575, Designing a Community Involvement/Community Based Monitoring Plan for GEM. The overall goal of this project--community involvement and development of local stewardship capacity--is a priority of the Trustee Council and an essential component of GEM.

activities, especially those related to GEM, (c)

research and monitoring projects for potential

Peninsula Region/Chignik Lake.

conducting a "Wisdomkeeper Series" for discussing and

sharing research and monitoring issues with selected

experts, and (d) developing pilot community-based

project are Tatitlek, Chenega Bay, Port Graham,

biologists, scientists, elders, and traditional knowledge

implementation in FY 04. Communities involved in the

Nanwalek, Cordova/Evak, Seward/Qutekcak, Seldovia,

Valdez, Kodiak Island Region/Ouzinkie, and the Alaska

# SPREA IEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	FY 03 Deferred to 11/25/02	, . 04 Request	FY 04 Recom.
G- 030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	

Chief Scientist's Recommendation

### Project Abstract

## This project links students in the oil spill impacted area with research and monitoring projects funded by the Trustee Council. The project involves students in the restoration process and provides these individuals the skills to participate in restoration now and in the future. Youth conduct research identified and delegated by principal investigators who have indicated interest in working with students. Youth Area Watch fosters long-term commitment to the goals set out in the restoration plan and is a positive community investment in that process. Participating communities in FY 03 will be Tatitlek, Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Valdez, and Whittier.

This project is a success story for community involvement in EVOS research, through the participation of young people in the public school system. The proposers recognize EVOS projects will be changing with implementation of GEM and are willing to adapt. The proposers also have done an excellent job of obtaining supplemental funding and reducing reliance on EVOS funding. However, the proposal provides insufficient information to judge progress. It could be strengthened with greater attention to the results of prior efforts, such as Youth Area Watch students choosing to pursue higher education in science. In addition, the annual reports are not a useful gauge of program accomplishments and progress, so accountability is lacking. By contrast, the Kodiak Youth Area Watch annual reports (Project /610) provide specific information on accomplishments, problems encountered and solutions. Fund contingent on receipt of a revised annual report (01210) that indicates that satisfactory progress is being made.

### Trustee Council Action

Fund contingent on submittal and review of (a) a revised FY 01 annual report (01210) that addresses the Chief Scientist's concerns and (b) a satisfactory annual report for FY 02 (02210). Youth Area Watch involves local youth in restoration projects. In FY 03, youth in Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Tatitlek, Valdez, and Whittier will participate.

# SPREAL .1EET B: TRUSTEE COUNCIL ACTION (TEX , PREADSHEET) -- FY 03 PHASE I WORK PL,

			,		FY 03	FY 03.		
Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	Approved 8/6/02	Deferred to 11/25/02	04 Request	FY 04 Recom.
G- 030561	Evaluating the Feasibility of Develop a Community-Based Forage Fish Sampling Project for GEM	Ding D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. proj	\$17.0 ect	\$0.0	\$0.0	\$0.0
Pr	oject Abstract	Chief Scientist's Recomme	Indation		Trus	tee Council A	ction	
evaluating the fea community-base The work in FY 0	close out Project 02561, which is asibility of developing a d forage fish sampling project for GEM. 03 will consist of compiling and ation collected during FY 02, and writing	The concept of this projectcommu sampling of predator fish to monitor (forage fish)is scientifically sound economically viable. It addresses G of community involvement with pote contribute to several aspects of Ion monitoring. This project will produc for the Kachemak Bay-lower Cook Prince WilliaM Sound. Fund.	r their prey and EM's objective ential to g-term e a useful plan	commu long-ter builds o Predato contribu commu therefor should l is not in relevan strategi	nities to explo m forage fish n work succe r Ecosystem ite to underst nity-based sa re is an impor be noted that the particula t to forage fis es that might	project, whic monitoring si essfully begun Experiment, I anding the fea mpling progra tant part of G the Council's r data that mi h, but in the te be developed ity involveme	ocal resided under APE Project 991 asibility of ams in gene EM transitio interest in ght be gath echniques a t in regard	nts in s effort EX (Alaska 63). It will eral, and on. It this project ered and to
G-030575	Designing a Community Involvement/Community-Based Monitoring Plan for GEM	M. Sigman/Center for Alaska Coastal Studies, et al	in NOAA	New 1st yr. 1 yr. proj	\$109.6 ect	<b>\$0</b> .0	\$0.0	\$0.0
Pr	oject Abstract	Chief Scientist's Recomme	endation		Trus	tee Council A	ction	
community involved monitoring plan to communities in the by (a) a case his community-base conceptual found assessment to id and indicators as Resource Comm Planning Process processes. Reco new approaches	design and produce a draft GEM vement and community-based to address the needs of diverse he region. This initiative will be informed tory review of working models of d monitoring efforts relevant to the GEM dation, (b) a regional capacity lentify potential partnerships, (c) issues is identified by Chugach Regional hission's Tribal Natural Resource s and other community planning ommendations will include identifying to melding Western science and local howledge and pilot community-based cts.	This project promises to produce a review of other similar programs, u regional capacity assessment, iden indicators from Chugach Regional Commission's Tribal Natural Resou identify new approaches to link wes local ecological knowledge. These address a very important aspect of program. Despite some problems ( clarity in portions of the proposal), i proposal. Fund.	ndertake a ltify issues and Resource urce Plans, and stern science an deliverables will the GEM lack of detail an	(develo of poss satisfac monitor d plannin Council commu d It will bu under F Knowle emphas monitor tribes' s Projec	pment of fran ible pilot proje- itory completi- ing capacity a g; \$51,800). 's interest in a nity involvem uild on some of 'roject /052 (C dge/Tribal Ste sisdevelopm ing plan as o itewardship c ct /052 has be	tion of funds f nework docur ects; \$57,800 on of Phase I assessment, I This project a a strong and r ent/community In ewardship) but nent of a regio pposed to dev apacity and (to een limited to I community g	nent and de (communil iterature re addresses t meaningful ty monitorir funded in e volvement/ ut with (a) a powide com velopment ( o) a broade tribes only;	t on y view, and he Trustee role for ig in GEM arlier year Traditiona different munity of specific r focus this projec

and Cordova to the list of participating communities.

# SPREAL \_HEET B: TRUSTEE COUNCIL ACTION (TEX \_→PREADSHEET)--FY 03 PHASE I WORK PLA.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	ہ ر 04 Request	FY 04 Recom.
G- 030610	Kodiak Archipelago Youth Area Watch	T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 4th yr.	\$63.0	\$0.0	\$61.8	

### Project Abstract

### Chief Scientist's Recommendation

## **Trustee Council Action**

This project will engage students in projects with goals aligned with the general restoration efforts of the Trustee Council. Students and site coordinators will conduct interviews with local experts and document traditional ecological knowledge, publishing it in a Kodiak School District oral history magazine. Participation of Youth Area Watch adults and students in the annual Academy of Elders/Science Camp will be strongly encouraged. Such participation will serve as another avenue for more tribal members to learn about restoration efforts, scientific monitoring techniques, and occupations related to such work. The value and implications of traditional ecological knowledge will be strongly emphasized throughout the implementation of the project.

This ongoing project has shown solid evidence of<br/>success, including influencing the curriculum of the<br/>Kodiak School District, and has attracted additional<br/>funding from other sources. This popular and<br/>successful program is achieving its objectives.FundFundClip

Fund. This project, which involves local youth in restoration projects, addresses the Trustee Council's commitment to community involvement in GEM. In FY 03, students in Akhiok, Old Harbor, Port Lions, Ouzinki, Chiniak, and Kodiak City will participate.

#### HEET B: TRUSTEE COUNCIL ACTION (TEX **SPREA**

# PREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, J4 Request	FY 04 Recom.
G-030636	Management Applications: Commercial Fishing	K. Adams, R. Mullins/Cordova	NOAA	Cont'd 2nd yr. 2 yr. projed	\$50.9	\$0.0	\$0.0	\$0.0

Chief Scientist's Recommendation

## Project Abstract

This project is intended to build a bridge between the scientific community, which is describing and attempting to predict variation in biological production, and the commercial fishing community, which is attempting to find management applications for this new information. In addition, the project seeks to provide community presence to participate in development of GEM.

The need for a "bridge project" between science and users, related to EVOS, is guite clear, If the project can identify useful applications from EVOS-based science it will be money well spent. One important criterion of success will be the ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries, The project is off to a strong start in FY 02 with two successful meetings with in Cordova. Prospects for serving the needs of spill are very good. Prospects for success are improved with the proposed creation in FY 03 of an advisory science panel, for which commitments have already been obtained from four persons knowledgeable in the academic and professional side of natural resource management and/or oceanography. Fund.

# **Trustee Council Action**

Fund FY 03 only; the proposers have obtained the participation of a panel of scientific advisors, as recommended by the Chief Scientist. In FY 02 this project formed a Prince William Sound Fisheries Research Applications and Planning Group to provide a forum for developing fisheries management applications for all interested parties (Cordova District Fishermen United, Alaska Department of Fish and Game, Prince William Sound Aquaculture Corporation, Valdez well-documented outcomes and setting up an office Fisheries Development Association, commercial fishers, and others). The objectives of this group in FY 03 are to those who depend on resources damaged by the oil (a) identify a fisheries relevant subset of EVOS projects, (b) develop criteria and guidelines for making information gathered by GEM relevant for fisheries management and shore-based communities, and (c) develop a plan showing the cycle of movement from basic science to management application. At the end of FY 03, the success of the project will be evaluated and a decision made on whether to continue the project into future years. As recommended by the Chief Scientist, one measure of success will be the project's ability to formulate credible and scientifically well supported proposals to the Alaska Board of Fisheries. The EVOS program can benefit from the commercial fishing community's perspective on restoration results and interaction with fishers on how to incorporate the results into fisheries management practices. In addition, the project could form a foundation for working with Prince William Sound fishers as GEM develops.

SPREA	HEET B: TRUSTEE COUNCI	LACTION (TE) PREA	DSHEET)	FY 03	PHASE	I WORK F	PLX	
Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	04 Request	FY 04 Recom.
GEM: Waters	shed Habitat				\$115.1	\$0.0	\$26.6	\$26.6
G- 030596	Securing Flow Data for a Lower Ker Peninsula Salmon Stream	ai J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. proj	\$22.6	\$0.0	\$0.0	\$0.0
Since August Soil and Water collecting discl important salm Ninilchik River Creek. With th Survey (USGS River gauge. I Conservation I others depend achieve a com watersheds. 1 to contract with	r Conservation District have been harge and water quality data from four non streams on the lower Kenai Peninsula: , Anchor River, Deep Creek, and Stariski	Chief Scientist's Recomme This is a very cost-effective proposa funding." Funding in FY 03 will prev year in a time-series of physical dat runoff in the Ninilchik Riverthat is useful in understanding differences forcing. Fund, lower priority.	al for "bridge ent loss of a afreshwater expected to be	funds a 2002-S propose cover th for the f the cos covered provide the Nin permar Inlet Ke quality Departe as at hi having key ele nearshe and the	evised propos available for the eptember 200 al also include he costs of re period May-S at of operating d by the U.S. e interim fundi ilchik River st nent, long-lerr eper relies of of the Ninilch ment of Envir igh risk from r a high need f ement in unde ore environme overall healt	tee Council A al, which clari be gauge's FY D3) operation. es a small am trieving and p eptember 200 the gauge du Geological Su ng (FY 03 onl ream-flow gau n this gauge in k River, which onmental Con- tonpoint source or data collect rstanding the ents of the spi h and product	fies the ma 03 (Octobe The revise ount of func- rocessing g 2 and clari- ring this pe irvey. This y) for maint uge while a rce is soug n monitoring the Alaski iservation h ce pollution tion. Water watershed ill-impacted ivity of suct	er ed ding to gauge data fies that criod will be project will enance of ht. Cook g the water a has rated and as quality is a and l region h

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resources as salmon, herring, and sea otters which were seriously impacted by the oil spill.

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, 04 Request	FY 04 Recom.
G- 030649	Reconstructing Sockeye Population the Gulf of Alaska over the Last Se Thousand Years		ADFG	Cont'd 2nd yr. 3 yr. proj	\$92.5 ect	\$0.0	\$26.6	\$26.6
P	Project Abstract	Chief Scientist's Recom	mendation		Trus	tee Council A	ction	
salmon abundar <sup>15</sup> N record left by spawning lakes Fjords, the Kena Island. The res variability in soc Alaska and how Gulf of Alaska re valuable backgr GEM and for fis	econstructing changes in sockeye nce over the last 5,000 years using the y salmon carcasses in the sediments of in Prince William Sound, the Kenai ai River watershed, and on Kodiak search question is: What is the normal ckeye salmon populations in the Gulf of y does it relate to climatic changes in the region? The results will provide a round for future monitoring studies within sheries managers working to preserve ural salmon runs.	This outstanding project is reveaully record of sockeye salmon abundance northern Gulf of Alaska. Previou investigators has established the salmon abundance with PDO (Poscillation) variations on the decomportance of this work is that it longer record of PDO variation the historical record compiled during The project is being executed will scientific standards. Fund, include addition of three other Kenai Perevious and the salmon abundance of the project is being executed will be addition of three other Kenai Perevious addition of the salmon abundance of the perevision of the salmon abundance with project is being executed with the salmon abundance of the salmon abundance of the salmon abundance of the salmon abundance with project is being executed with the salmon abundance of the salmon	dances in the s work with other e correlation of acific decadal adal scale. The describes a much han the European g the 20th century. ith the highest ding the proposed	from Hid the Ken retrospe lakes in about he	dden Lake, S ai Peninsula. ective study o the spill regi	objectives rel kilak Lake, ar This project of sockeye abu on and develo in the atmospl ations.	nd a control is conduction undance in oping hypotl	lake on ng a certain neses
GEM: Intertid	lal/Subtidal Habitat			<u> </u>	\$93.0	\$0. <b>0</b>	\$0.0	\$0.0
G- 030584	Evaluation of Airborne Remote Ser Tools for GEM Monitoring	nsing E. Brown/UAF, J. Churns	ide/NOAA ADFG	Cont'd 2nd yr. 2 yr. proj	\$39.3 ect	\$0.0	\$0.0	\$0.0
P	Project Abstract	Chief Scientist's Recom	mendation			stee Council A	ction	
FY 02. The ma remote sensing of the data colle of (a) a pulsed I maximum of 50 Sea Surface Te digital video sys birds, mammals structure, and (a and mammals a	-two completion of a project initiated in ain objective is an evaluation of airborne tools for GEM ecological interpretation acted. The instrument package consists lidar to map subsurface features to a 0 m, (b) an infrared radiometer to map emperature (SST) day, (c) two three-chip stems to map ocean color (chlorophyll), s, surface fish schools, and ocean frontal d) an infrared digital video to map birds at night. Shipboard and buoy data will be	Monitoring forage fish abundance the GEM program. This is a high project to do such monitoring, and risky than others. However, it do through the proposed developm pay-off of success would be gree	nly innovative nd is therefore mor eserves support ent phase, as the	remote e GEM. challeng efficient	sensing instr This highly ini ging question ily monitor for ogram. If the	s project, whic rumentation as novative proje , which is how rage fish abur e project is su	s a monitori ct is workin v to effectiv ndance und	ng tool for ig on a ely and er the

data.

used for validation and interpretation of remotely sensed

SPREA	EET B: TRUSTEE COUNCI	LACTION (TEX PREA	DSHEET)	FY 03			PLA	
			Lead	New or	FY 03 Approved	FY 03 Deferred to	04	FY 04
Proj.No.	Project Title	Proposer	Agency	Cont'd	8/6/02	11/25/02	Request	Recom.
G- 030656	Retrospective Analysis of Nearshore Marine Communities Based on Anal of Archaeological Material and Isoto	ysis Mann/UAF, J. Southon/Univ.		Cont'd 2nd yr. 2 yr. proje	\$53.7 ect	\$0.0	\$0.0	<b>\$0</b> .0
<u>P</u>	roject Abstract	Chief Scientist's Recomme	ndation			stee Council A	ction	
patterns of produ in nearshore, int analyses. These midden remains sites along the k coast. Changes be assessed thr abundances, siz indicators of hat will provide an a patterns in the n	uctivity and relative species abundances tertidal communities via retrospective e analyses will focus on excavated of very rich, well-dated archaeological (atmai National Park and Preserve is in nearshore marine communities will ough examination of relative species te-frequency analysis, and other	This pilot project has the potential to innovative data of great interest and understanding natural variation in or and the human use of resources ov frames. The originality of this work i although there is a risk that the coar resolution of the method will preven conclusions. The addition of funds f paleoceanographer is justified in ord needed expertise to the project tear	I relevance to cean systems er long time s very high, rse temporal t precise or a der to add	Fund closeout of this project contingent on submi overdue report (99459). A portion of the increase				ease nt is due to led for FY sed back to project is rm change gate the
GEM: Alaska	Coastal Current Habitat				\$51.6	\$0.0	\$32.1	\$32.1
G- 030340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	ADFG	Cont'd 6th yr.	\$51.6	\$0.0	\$32.1	\$32.1
P	roject Abstract	Chief Scientist's Recomme	<u>ndation</u>		<u>Tru:</u>	stee Council A	ction	
northern Gulf of changes that aff and understandi series such as th station GAK1 ne time series, qua interannual varia reasons for this interannual varia the timing of the Alaska shelf. Th baroclinic compo	ations in temperature and salinity on the Alaska shelf reflect environmental fect this marine ecosystem. Quantifying ing this variability require long time he 32-year record at hydrographic ear Seward. This project continues this intifies the synoptic, seasonal, and ability, and seeks to understand the variability. It will also begin to examine ations in near-surface stratification and e spring bloom on the inner Gulf of ne data will be used to predict the onent of the mass and freshwater ility in the Alaska Coastal Current in the	This excellent project provides new physical forcing/control of primary p mass transport. The synthesis effo new insights into proxy measures th applied to the 35-year historical rec understand long-term ecosystem va an excellent investment in a long-te will pay future dividends in fish and management. Fund.	roduction and rts are allowing nat might be ord to ariability. This is rm data set tha	of anoth fluorom receipt of intended of the m t relations precipita Coastal Trustee and the station's set that Current climatol	er temperati eter and tran of a descripti d to insure ag anuscript pr ship betweer ation, and de Current. Th Council sup accompanyi s data record allows chara which is est	osed upgrade ure/conductivit smissometer) on of the depl gainst loss of o omised in FY a atmospheric nsity structure is project prov port of hydrog ng retrospecti GAK1 provid acterization of sential to unde g of productivi	ly recorder contingent oyment pro data and (b 02 analyzin pressure, of the Alas vides for co raphic stati ve analyses des a long- the Alaska erstanding	with on (a) ocedure ) submittal og the ska ntinued on GAK1 s of the term data Coastal

# August 6, 2002 (LAYOUT: TCActionAugust)

Attachment B to Resolution 02 ^7 Page B - 20

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# SPREA IEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, J4 Request	FY 04 Recom.
GEM: Offshor	re Habitat				\$18.1	\$0.0	\$0.0	\$0.0
G- 030614	Monitoring Program for Near-Surfa Temperature, Salinity, and Fluores in the Northern Pacific Ocean		ADFG	Cont'd 2nd yr. 2 yr. proj	\$18.1	\$0.0	\$0.0	\$0.0
This project will fluorometer, to b acquire continuo near-surface ter	roject Abstract use a thermosalinograph and be installed on a crude oil tanker, to bus, long-term measurements of the mperature, salinity, and fluorescence tanker route between Valdez, Alaska h, California.	Chief Scientist's Recomment This is a continuation of an innovative effective project that provides data to long-term recovery of resources impospill against the background of climate variability. The potential for the proping data from a key area of Prince Williag the adjacent ocean relevant to long- and interpretation of population trem and mammals is excellent. Fund.	e and cost- o assess the acted by the o ite-driven osal to provide im Sound and term evaluation	prepara il project on a cru Beach. cost-eff n the data	oseout of this ation of final re installed a the ude oil tanker Vessels of o fective metho a collected by	stee Council A project (data eport/manusci ermosalinogra traveling betw pportunity suc d that may be this project o be extremely u	analysis ar ript). In FY ph and fluc veen Valde ch as this a useful to G n ocean co	02, this prometer z and Long re a SEM, and nditions in
Data Manager	ment & Information Transfer				\$308.0	\$0.0		
G- 030455	GEM Data System	Trustee Council Office	ALL	Cont'd 2nd yr.	\$212.9	\$0.0		
P	roject Abstract	Chief Scientist's Recomme	ndation		Trus	stee Council A	ction	
information tran quality control a delivery, and pre GEM. Project fu Manager to prov necessary for th	ports the data management and sfer system for GEM. Data collection, nd documentation, archiving, transfer, esentation are critical components of unding will allow the GEM Data Systems vide the leadership and expertise his essential part of the GEM program, t staff to make initial aspects of the ional.	Data management will be a critical of GEM.	omponent of	System collection transfer	is Manager a on, quality co	provides fundir nd related data ntrol and docu d presentatior I.	a system co imentation,	osts, Data archiving,

# SPREAL IEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 App <b>rove</b> d 8/6/02	FY 03 Deferred to 11/25/02	, J4 Request	FY 04 Recom.
G- 030550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	ALL	Cont'd	\$95.1	\$0.0		
This project rep contribution to the Information Ser central access p the Trustee Cou program. In add repository for re from and related and restoration	vices (ARLIS). ARLIS serves as a point for information generated through uncil restoration process and the GEM Idition, ARLIS acts as the public eports and other materials generated id to the cleanup, damage assessment efforts following the oil spill. ARLIS search efforts and information needs of	Chief Scientist's Recommenda The oil spill collection at ARLIS (Alaska Library and Information Services) is a spill and an important means of provid with oil spill information. Defining how support GEM needs to be better addre library needs will likely be oriented more electronic formats and processes and paper documents, with an emphasis o services. The funds currently going to 03550 might be more effectively spent	a Resources legacy of the ing the public ARLIS might essed. GEM' re toward away from n web-based ward Project in the future	Resourd Trustee be redu s ARLIS p other m assess original 01 only FY 04 a	ontinuation of ces Library an council cont ced as the tra provides an ir aterials produ- ment and rest funding comu- ; how ARLIS	tee Council A one librarian nd Information ributions in F <sup>1</sup> ansition to GE nportant servi uced through toration proce mitment to AF might relate to not clear at th	at the Alasi n Services ( Y 04 and be M is compl ce for docu the damage sses. The RLIS was th o the GEM (	(ARLIS). eyond may leted. Jments and e Council's irough FY
	essionals, and the general public.	on a service or services more tailored research and data needs of GEM. Ful only.	•	с 				
Science Man	agement				\$416.0	\$0.0		
Project manage that administer behalf of the Tri project manage principal investi reviewing projee	Project Management Project Abstract ement supports those Trustee agencies and/or implement EVOS projects on rustee Council. Tasks performed by ers include coordinating activities between igators and the Trustee Council Office, ect expenditure activity, assisting in the f project proposals, and tracking project	All Trustee Council Agencies <u>Chief Scientist's Recommend</u> Proposal not reviewed.	ALL ation			\$0.0 stee Council A gement helps cess.		countability

# SPREA IEET B: TRUSTEE COUNCIL ACTION (TEX PREADSHEET)--FY 03 PHASE I WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Approved 8/6/02	FY 03 Deferred to 11/25/02	, J4 Request	FY 04 Recom.
G-030630	Scientific Management under GEM	Trustee Council Office	ALL	Cont'd	\$278.4	\$0.0		
<u>P</u> 1	roject Abstract	Chief Scientist's Recomme	endation		Trus	tee Council A	<u>ction</u>	
implementation of scientific oversig resources. In FY and Technical A aspects of the so develop the FY ( provide peer rev support for the F developing a "St input to a status being developed Science Organiz	provide scientific oversight of F of the GEM program, as well as the of lingering effects of oil on injured Y 03, the project will support the Science dvisory Committee (STAC) and other cientific review and advisory process, 04 Invitation to Submit Proposals, iew recommendations and scientific Y 03 and FY 04 work plans, continue ate of the Gulf Report", provide regional report on North Pacific resources now by PICES (North Pacific Marine tation), and support the Lingering Oil mittee and review process.	Proposal will not be reviewed by Ct	nief Scientist.	Fund interim amount of \$278,400; additional fur be necessary later in FY 03 for additional GEM activities and for some Scientific and Technical Committee (STAC) and subcommittee meeting: are not yet scheduled. This project is designed ensure that the GEM program is implemented v high degree of scientific integrity through establ of an advisory committee of independent exper STAC), whose work will be supported by subcommittees composed of scientists, resource managers, and community members. The project also support continued independent peer review project proposals and reports, as well as the dissemination of research results at an annual of at which Council-funded scientists will present to findings to their peers and the public.				M planning al Advisory ngs that d to d with a ublishment erts (the urce oject will iew of al meeting
Public Inform	ation/Administration				\$1,114.3	\$0.0		· <u> </u>
030100	Public Information and Administration	n All Trustee Council Agencies	; ALL	Cont'd	\$1,114.3	\$0.0		
<u>Pi</u>	roject Abstract	Chief Scientist's Recomme	endation		Trus	stee Council A	ction	
involvement and program, includi Trustee Council Executive Direct the active partici	vides overall support for public F administration of the restoration ng GEM. It includes funding for the staff working at the direction of the or, public involvement efforts including pation of the Public Advisory Committee agement of the EVOS Investment Fund.	<sup>o</sup> roposal not reviewed.		admini		rovides overal nplementatior		

# MEMORANDUM

**Department of Natural Resources** 

TO:Molly McCammonExecutive DirectorExxon Valdez Oil Spill Trustee Council

# State of Alaska

Office of the Commissioner

DATE: July 12, 2002

TELEPHONE NO: 269-8431

FROM: Carol Fries Natural Resource Manager

SUBJECT: EVOS Habitat Protection Funding FY 02

Your memo of May 20 requested a detailed memo specifying which parcels and which activities DNR is working on in order to address a request for additional funding for habitat protection efforts. The following summary information should provide sufficient detail for a review of the activities in which DNR has been engaged. Please note that all activities are conducted in close coordination with and at the request of the Department of Law.

DNR has been working on the following habitat protection activities during fiscal year 2002.

AJV final closing of last remaining acreage transferred from BLM to AJV. Contractual title services Land Field Services: \$4,937 – unexpected expense. Review of title work, closing documents by DNR title staff.

# **AJV** Subsurface

Contractual title services Land Field Services \$7,918 - \$1,918 in excess of title estimate. Review of title work, closing documents by DNR title staff still needs to be completed.

English Bay Phase II Closing

Completed. This took longer than expected due to unanticipated encumbrances.

Old Harbor Hydro Release from Conservation Easement

Completed. Very time consuming.

AKI Site Exclusions, Final Closing Completed. This took much longer than expected due to unanticipated encumbrances.

Tatitlek Exchange Completed 7/23/02

# **USFWS Small Parcels**

Have been reviewed and processed as requested.

# Eyak final closing - Power Creek

This closing started with a flurry of activity then stalled and is still hanging. DNR contracted for title work for this closing, an unanticipated expense, and DNR will still need to pay for closing.

# Koniag Easement along the Karluk

Review of title, legal descriptions, closing documents by DNR title staff.

This has come before DNR six times since early in the year for 30-day extensions. The legals are still insufficient. Title defense has concerns about navigability issues that are currently unresolved to their satisfaction. This has required an inordinate amount of staff time.

# Old Harbor/Sitkalidik Exchange

Travel associated with public hearings held in Kodiak. Staff compiled reviewed and summarized public comment submitted in writing and at the hearing. Preparation and review of documents associated with the exchange took place as expected. However, modification of the appraisal and review to address previously unidentified problems and equalization of value was an unexpected complication and expense.

# Old Harbor Native Allotments in Kiliuda Bay

These parcels were being pursued by The Conservation Fund under the grant agreement. DNR has begun the hazmat assessment on priority parcels in Kiliuda Bay in order to address the Chokwak acquisition. Chokwak, Ericksen, Inga have been identified as parcels on which grantees have consulted with the Trustee Council. The initial hazmat request was for Chokwak, however, additional parcels were done in order to maximize resources both in terms of staff time and dollars. Travel to this area is difficult, limited due to weather, and it makes no sense to go back multiple times. We do not have staff resources to make multiple trips. \$5,000 encumbered, best estimate of cost for travel, research and staff time.

Note: DNR and Law have taken care of Chokwak due to changes within The Conservation Fund. There were no anticipated expenditures detailed for these parcels. They were to have been part of the grant and not the subject of the financial discussions in July of 2001. Unexpected expense – Kiliuda Bay Hazmat \$5,000

# Swartz

This parcel was previously identified as a parcel to be pursued by the Council. The Conservation Fund secured the Icicle Seafoods parcels previously, but was unable to secure Swartz. This parcel recently came on the market and the Conservation Fund agreed to pursue it if DNR could contract for the preliminary commitment for title insurance. There was a desire to move quickly

on this parcel and as you know. The Conservation Fund has more flexibility to purchase options or acquire in a timely manner.

Unexpected expense - Preliminary commitment for title insurance - \$250

Staff time will be required to review these documents, conduct a hazmat survey and review the appraisal. No estimate of expenses was included for this parcel in the FY02 estimate.

# Nuka Island

DNR has requested that TNC pursue two Nuka Island parcels currently available from the University of Alaska. The University is interested in selling. Title work, hazmat and appraisal review will need to be completed.

# Northern Afognak

Department of Law has been working with groups pursuing additional acquisitions on Northern Afognak which would complete protection of the northern tier of the island. An RSA has been executed for support services to be provided by Sheal Anderson to the Department of Law negotiators at their request.

Unexpected expense - RSA to Law \$5,500

Note: Should the timber and land appraisals be completed in August as expected, additional expenses should be expected for appraisal review, DNR staff time etc. These expenses are not detailed here due to an uncertain completion date and no clear cost estimate at this point.

Total Expended or Obligated to Date: \$75,500 Balance remaining: \$1,000

Unanticipated contractual expenses: \$17,605

AJV closing	\$4,937
AJV Subsurface title	\$1,918
Kiliuda Bay Hazmat	\$5,000
Northern Afognak consulting services	\$5,500
Swartze preliminary commitment for title insurance	\$250

Unanticipated work by DNR staff:

English Bay Old Harbor Hydro AKI Final Closing Konaig Easement Chokwak Parcel Old Harbor Appraisal adjustment

In conclusion, additional funds in the amount of \$17,605, an amount equivalent to the majority of the unanticipated contractual expenses, should provide sufficient funds to continue work that is

7/23/02

anticipated between now and September 30. DNR will need to purchase title insurance for Elliot, leicle Seafoods, and the Valdez Duck Flats, and hopefully close these parcels by the end of the fiscal year. We also anticipate completing the Old Harbor Exchange and the AJV subsurface in the very near future. The Koniag Conservation Easement will continue to be an issue. The Eyak final closing is expected to resurface in the near future. Please note that there is always the possibility that unanticipated expenses may arise particularly in relation to the additional AJV lands. We are being very conservative in our request for additional funds in order to avoid creating an unnecessary lapse of funds.

I did not make this request prior to this point in time in an effort to avoid creating a situation where funds might possibly lapse. However, at this point it is clear that there are insufficient funds remaining to continue the work associated with ongoing habitat protection efforts.

Should you have any additional questions or concerns, please do not hesitate to contact me at your earliest convenience. It would be beneficial if this matter could be addressed at the August 6 Trustee Council meeting. Thank you.

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cc: Marty Rutherford Alex Swiderski Craig Tillery

# RESOLUTION 02-08 OF THE EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL REGARDING A GRANT FOR HABITAT PROTECTION

Pursuant to paragraph 15 of Resolution 01-07, the Trustee Council hereby approves (a) an extension of the termination date of the U.S. Fish and Wildlife Service grants to The Conservation Fund (FWS Grant Number 701811G113) and The Nature Conservancy (FWS Grant Number 701811G112) from September 30, 2002 to September 30, 2003, (b) an extension of the due date from December 31, 2002 to December 31, 2003 for the grant recipients' report to the Council describing their activities and accomplishments under the grant, and (c) a corresponding revision to the schedule for funding recipients' indirect costs from "disbursed quarterly over the life of the grant agreement" to "upon receipt of a request for reimbursement submitted no more frequently than every 30 days, when allowable and allocable indirect costs have been incurred by the grant recipient".

Approved by the Council at its meeting of August 6, 2002 held in Anchorage, Alaska, as ffirmed by our signatures affixed below:

DAVE GIBBONS

Forest Supervisor Forest Service Alaska Region U.S. Department of Agriculture

DRUE PEARCE

Senior Adviser to the Secretary for Alaskan Affairs U.S. Department of the Interior

FRANK RUE ommissioner Alaska Department of Fish and Game

Assistant Attorney General State of Alaska

JAMÉS BALSIGER Administrator, Alaska Region National Marine Fisheries Service

MICHELE BROWN Commissioner Alaska Department of Environmental Conservation

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 7, 2002

I certify that on August 6, 2002 the *Exxon Valdez* Oil Spill Trustee Council approved a motion for the State of Alaska Department of Natural Resources to receive \$37,700 for Project 030126 habitat protection support costs for the protection of coastal habitat in Perenosa Bay.

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Molly McCammon Executive Director 6. Afognak Island Acquisition Support

# **APPROVED MOTION:**

Approved a motion to provide \$37,700 in funds for the Alaska Department of Natural Resources to provide the following services in regard to the proposed protection of coastal habitat in Perenosa Bay and other coastal habitat on northern Afognak Island: review land and timber appraisals, review title, and conduct a hazardous materials survey and site inspection.

Motion by Brown, second by Gibbons.

# 7. Habitat Grant Extension

# ADOPTED RESOLUTION:

Adopted resolution 02-08 approving an extension of the termination date of the United States Fish and Wildlife Service grants to The Conservation Fund and The Nature Conservancy from September 30, 2002 to September 30, 2003, an extension of due date for the grant recipients' activity report to the Council from December 31, 2002 to December 31, 2003, and a revision to the schedule for funding recipients' indirect costs from quarterly disbursement to upon request for reimbursement occurring no more frequently than every 30 days (Attachment F)

Motion by Gibbons, second by Brown.

# 8. Injured Resources Update

# **APPROVED MOTION:**

Approved a motion to adopt the Status of Injured Resources and Services dated July 29, 2002 with a motion to amend by Gibbons, seconded by Balsiger, approving the following changes: move Subtidal Communities from "Recovered" to "Recovery Unknown" and include corresponding language changes in the recovery description of subtidal communities.

Motion by Brown, second by Gibbons.

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August 13, 2002

Representative John Harris House of Representatives PO Box 1245 Valdez, AK 99686

Dear Mr. Harris:

Thank you for taking the time to express your support for Project 030636, Management Applications: Commercial Fishing. The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sondre Shubert

Molly McCammon Executive Director

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August 13, 2002

**Robert Foy** FITC / UAF 118 Trident Way Kodiak, AK 99615-7401

Dear Robert:

Thank you for taking the time to express your support for Project 030610, Kodiak Archipelago Youth Area Watch. The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sandra Schubert Molly McCammon

**Executive Director** 

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

Susan Payne PO Box 1903 Kodiak, AK 99615

Dear Ms. Payne:

Thank you for taking the time to express your support for Project 030012, Photographic Monitoring of Resident Killer Whales. The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sandre Schubert

Molly McCammon Executive Director

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178



August 13, 2002

Senator Georgianna Lincoln Alaska State Senate State Capitol Juneau, AK 99801-1182

Dear Senator Lincoln:

Thank you for taking the time to express your support for Project 030636, Management Applications: Commercial Fishing. The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2003 Phase I Work Plan at its meeting on August 6. I am pleased to inform you that the Council approved funding for this project.

Again, I appreciate your interest in the restoration program.

Sincerely,

Sandra Schubert

Molly McCammon Executive Director