

13.08.01 – Reading File

August 2002

Exxon Valdez Oil Spill Trustee Council

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,

A handwritten signature in dark ink, appearing to read "Phillip R. Mundy". The signature is fluid and cursive, with the first name being more prominent.

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

签证申请表 VISA APPLICATION FORM



1. 中文姓名 Chinese Name (If any)		2. 曾用名 Former Name (If any)	
3. 外文姓名 Surname MUNDY Given name PHILLIP		4. 性别: 男 <input checked="" type="checkbox"/> 女 <input type="checkbox"/> Sex: M <input checked="" type="checkbox"/> F <input type="checkbox"/>	
5. 出生日期: 年 11 月 24 日 Date of birth: 1947 Year 11 Month 24 Day		6. 出生地 BIRMINGHAM, ALABAMA USA Place of birth	
7. 国籍 USA Nationality		8. 曾有过何国籍 Former nationality (If any)	
9. 职业 BIOLOGIST Occupation		10. 工作单位电话 Office Tel. No. (907) 278-8012	
11. 工作单位名称和地址 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 1128 W. 11th AVE Home Address ANCHORAGE, AK 99501 USA		13. 电话 Home Tel. No. (907) 277-1240	
14. 护照种类: 普通 <input checked="" type="checkbox"/> 外交 <input type="checkbox"/> 公务 (官员) <input type="checkbox"/> 其它 <input type="checkbox"/> Passport type: Ordinary <input checked="" type="checkbox"/> Diplomat <input type="checkbox"/> Service (Official) <input type="checkbox"/> Others <input type="checkbox"/> 号码 NO. 301117973 有效日期 Valid until 01 OCT 2011 发照机关 Issued by UNITED STATES OF AMERICA			
15. 申请赴中国事由 Purpose of journey in China ATTEND PICES MEETING TOURISM (ORDINARY BUSINESS)			
16. 前往中国地点 Places to visit in China QINGDAO			
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 (If applicable)			
18. 拟入境次数 Number of entries <input checked="" type="checkbox"/> 一次 Single <input type="checkbox"/> 二次 Double <input type="checkbox"/> 多次 Multiple		19. 拟入境日期 Date of (each) entry to China (1) 02 Y / 10 M 18 D (2) 02 Y / 10 M 25 D	
20. 拟在中国停留期限 Duration of (each) stay in China 1. 7 day(s); 2. _____ day(s)			
21. 拟取证时间 Requested days of processing <input type="checkbox"/> 48 hours express <input type="checkbox"/> Five working days <input type="checkbox"/> 24 hours special express <input checked="" type="checkbox"/> 72 hours rush Mail Service (Ten working days, no expedition)			
22. 是否申请过赴华签证 Have you ever applied for a Chinese visa before? 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/>			
23. 是否被拒绝过来华签证 Have you ever been declined for your Chinese visa application? 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/> 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 与申请人关系 Relationship to applicant _____ _____			
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 2002 月 8 日 签名 Phillip Mundy Year Month Day Signature			

Please read "Notes" carefully on the back
请认真阅读背面的填表须知

请用大写字母填写
Please write block letters

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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 McCann
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 4th.

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

TONY KNOWLES, GOVERNOR

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

August 23, 2002

RECEIVED

AUG 26 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:	\$14,472,734
Account:	State of Alaska
	Exxon Valdez Settlement Account
	GeFONSI 33070
	Account 65040

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 J. Tillery
Assistant Attorney General
State of Alaska



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

Exxon Valdez Oil Spill Trustee Council

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 4th 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 <http://www.oilspill.state.ak.us/gem/documents.html>.

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

Sincerely,

A handwritten signature in cursive script, appearing to read 'Molly'.

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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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Sincerely,


Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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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:

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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

enclosure

Exxon Valdez Oil Spill Trustee Council

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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.

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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

enclosure

Exxon Valdez Oil Spill Trustee Council

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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 <http://www.oilspill.state.ak.us/gem/documents.html>.

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

Sincerely,

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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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 <http://www.oilspill.state.ak.us/gem/documents.html>.

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

Sincerely,


Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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:

<u>Project No.</u>	<u>Project Title</u>	<u>Proposer</u>
030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	Dr. Robert Spies, Applied Marine Sciences

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script, reading "Molly McCammon". The signature is written in black ink and is positioned above the printed name.

Molly McCammon
Executive Director

cc: Carol Fries, ADNR Liaison

namedrec2.wpd

Exxon Valdez Oil Spill Trustee Council

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, ADNOR

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

FROM: Sandra Schubert *Sandra*
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 not 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 all annual reports (both GEM and Restoration) are to be submitted electronically, using the two-page form available on the Trustee Council's web page (<http://www.oilspill.state.ak.us/admin/index.html>), to katharine_miller@oilspill.state.ak.us. 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 not 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>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>	<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.

REPORTS TO BE REVIEWED UNDER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	<u>Project Title</u>	<u>Lead Agency & Proposer</u>	<u>Report Status</u>
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.

23

REPORTS TO BE REVIEWED UNDER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	<u>Project Title</u>	<u>Lead Agency & Proposer</u>	<u>Report Status</u>
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 UNDER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	<u>Project Title</u>	<u>Lead Agency & Proposer</u>	<u>Report Status</u>
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.

Exxon Valdez Oil Spill Trustee Council

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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

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

Exxon Valdez Spill Trustee Council
Quarterly Financial Report As of June 30, 2002
Category - Table 1

Category	92' Work Plan			93' Work Plan			94' Work Plan			95' Work Plan		
	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent 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%	1,991,807	1,570,900	78.87%	0	0	0.00%	0	0	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%
Category	96' Work Plan			97' Work Plan			98' Work Plan			99' Work Plan		
	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent 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	12,735,656	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%
Category	00' Work Plan			01' Work Plan			02' Work Plan					
	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated
General Restoration	940,657	825,236	87.73%	1,006,560	961,872	95.56%	616,900	379,480	61.51%			
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:

Exxon Valdez Oil Spill Trustee Council
Quarterly Reports as of June 30, 2002
Summary - Table 2

DRAFT

WORK PLAN AND ASSOCIATED PROJECTS										
Fiscal Year	Authorized	Adjustments	Adjusted Authorization	EVOS Expenditures	RSA Expenditures	Obligations	Unobligated Balance	EVOS Lapse	Federal Lapse	State Lapse
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	0	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 9/30/01 (Unreserved amount per audit minus unreported interest + lapse)								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	187,371
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 Adjustments (Through Court Request #45, Investment Fund Notice #1, & Court Notice #13)								26,222,814	8,605,989	17,616,825
Unallocated Lapse (1992 through 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/Symposium Receipts)								33,592	0	0
Total Available to Offset Future Court Requests								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 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).										

Exxon Valdez Oil Spill								
For the Period Ending June 30, 2002								
Fiscal Year 2002 - Table 3								
Project Number	Project Description	Authorized	Adjusted	Adjusted Authorization	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	0	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	0	33,300	0	0	0	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

Exxon Valdez Oil Spill								
For the Period Ending June 30, 2002								
Fiscal Year 2002 - Table 3								
Project Number	Project Description	Authorized	Adjusted	Adjusted Authorization	A/o 6/30/02 Expenditures	A/o 6/30/02 Obligations	Expended/Obligated	Unobligated Balance
02340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	77,800	0	77,800	32,092	43,440	75,532	2,268
02360	The Exxon Valdez Oil Spill: Guidance for Future 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
02401	Assessment of Spot Shrimp Abundance in Prince William Sound	25,500	0	25,500	10,700	0	10,700	14,800
02404	Alaska Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in 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
02423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	458,400	24,300	482,700	372,845	23,982	396,827	85,873
02441	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	20,200	0	20,200	7,168	12,384	19,552	648
02455	Gulf Ecosystem Monitoring & Research Program Data System	105,000	0	105,000	33,138	1,099	34,237	70,763
02462	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	77,400	0	77,400	56,787	6,844	63,631	13,769
02476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	39,800	0	39,800	32,100	0	32,100	7,700
02479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	55,000	0	55,000	5,174	0	5,174	49,826
02492	Were Pink Salmon Embryo Studies in Prince William 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
02538	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
02543	Evaluation of Oil Remaining in the Intertidal from the 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

Exxon Valdez Oil Spill								
For the Period Ending June 30, 2002								
Fiscal Year 2002 - Table 3								
Project Number	Project Description	Authorized	Adjusted	Adjusted Authorization	A/o 6/30/02 Expenditures	A/o 6/30/02 Obligations	Expended/ Obligated	Unobligated Balance
02552	Exchange Between Prince William Sound and the Gulf of Alaska	102,500	0	102,500	102,500	0	102,500	0
02556	Mapping the Physics and Physical Processes of Marine Habitats: The First Step in a Spatially Nested Monitoring Program	62,200	0	62,200	0	0	0	62,200
02558	Harbor Seal Recovery (includes bench fees)	292,300	0	292,300	165,617	1,016	166,633	125,667
02561	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM	54,300	0	54,300	13,678	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	0	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-Terrestrial 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
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	38,200	0	38,200	0	0	0	38,200
02619	Mapping Marine Habitats: Kodiak	70,000	0	70,000	0	0	0	70,000
02622	Digital ESI Maps: Cook Inlet/Kenai	36,600	0	36,600	0	0	0	36,600
02624	Ships of Opportunity: Plankton Survey	120,600	0	120,600	112,700	0	112,700	7,900
02630	Planning for Long-term Research and Monitoring 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
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	88,100	0	88,100	31,757	53,536	85,293	2,807
02656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	109,900	0	109,900	4,800	0	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
02671	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	34,800	0	34,800	19,125	724	19,849	14,951

Exxon Valdez Oil Spill								
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
02674	Continuing Decline of Pigeon Guillemots in the Oiled 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

Exxon Valdez Oil Spill Trustee Council

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 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	\$2,669,500
FY 03 Project 030126 Habitat Support Costs for Alaska Department of Natural Resources for Northern Afognak Island	\$37,700

Description	Amount
Shuyak land payment to Alaska Department of Natural Resources	\$11,805,734
Eyak land payment to US Forest Service	\$7,000,000
Cover the difference in value of the land to be exchanged with Old Harbor Native Corporation for Sitkalidak Island – Department of Natural Resources	\$41,000
Purchase of small parcel KAP 1087/Chokwak by US Fish and Wildlife Service	\$160,000
FY 02 Project 02126 Habitat Support Costs for Alaska Department of Natural Resources for unanticipated contractual costs	\$18,800
Total amount to be disbursed from the EVOS Investment Fund:	\$21,732,734
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 6th 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

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.

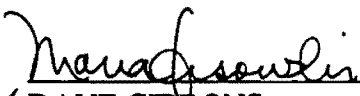
(vi) statement of compliance with the National Environmental Policy Act.

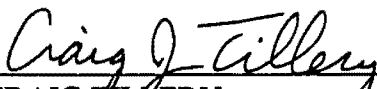
It is the intent of the Trustee Council that the above referenced conservation easement will provide that any facilities or other development on the foregoing small parcel shall be of limited impact and in keeping with the goals of restoration, that there shall be no commercial use except as may be consistent with applicable state or federal law and the goals of restoration to prefill 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.

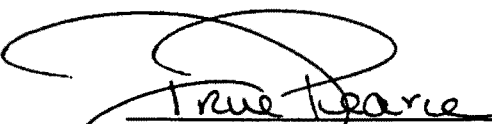
By unanimous consent, following written notice from the Executive Director that the terms and conditions set forth herein have been satisfied, we request the Alaska Department of Law and the Assistant Attorney General of the Environment and Natural Resources Division of the United States Department of 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.

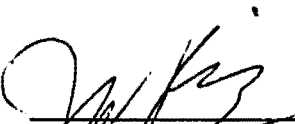
Such amount represents the only amount due under this resolution to the sellers by the State of Alaska to be funded from the joint settlement funds, and no additional amounts or interest are herein authorized to be paid to the sellers from such joint funds.

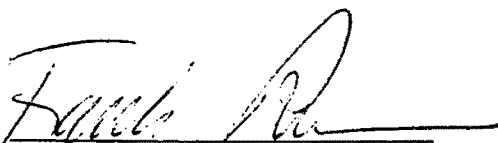
Approved by the Council at its meeting of July 9, 2002 held in Anchorage, Alaska, as affirmed by our signatures affixed below:



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


CRAIG TILLERY
Assistant Attorney General
State of Alaska


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


JAMES BALSIGER
Administrator, Alaska Region
National Marine Fisheries Service


FRANK RUE
Commissioner
Alaska Department of
Fish and Game


MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation

Attachment A - Restoration Benefits Report

Exxon Valdez Oil Spill Trustee Council

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:

<u>Parcel Number</u>	<u>Landowner</u>	<u>Purchase Price</u>
KAP 1087	James F. Chokwak, Sr.	\$160,000

Sandra Schubert
Molly McCammon
Executive Director

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

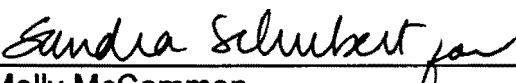
Exxon Valdez Oil Spill Trustee Council

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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.


Molly McCammon
Executive Director

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

Exxon Valdez Oil Spill Trustee Council

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

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

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Alaska Department of Fish and Game
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Exxon Valdez Oil Spill Trustee Council

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TRUSTEE COUNCIL MEETING NOTES

Anchorage, Alaska

August 6, 2002

By Molly McCammon
Executive Director

DRAFT

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 for 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.

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

No 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. 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.

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

Public comment received from one individual in Anchorage.

Public 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. 5th 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

MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation

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

**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
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

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. 5th 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.

Public 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 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. Trustee Council Data Policy

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. Executive Session

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. Habitat Protection

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



MEMORANDUM

TO: Trustee Council

FROM: Molly McGarron
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
1 st	\$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
1 st	\$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 participates along with several other non-retirement funds 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:

$$\frac{\text{EVOS average month end MV for the quarter}}{\text{Total average month end MV, all funds}} \times \text{quarterly fee} = \text{EVOS share}$$

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)	¼ 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

Amount Invested		Cumulative Assets	Basis Point Fee
1 st	\$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
1 st	\$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 United States of America v. State of Alaska, 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 State of Alaska v. Exxon Corporation, et al., No. A91-083 CIV, and United States of America v. Exxon Corporation, et al., 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:

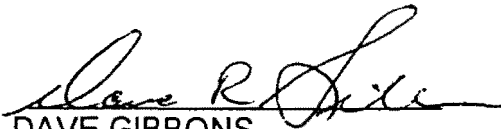
Alaska Department of Fish & Game	2,240,000
Alaska Department of Natural Resources	329,500
SUBTOTAL TO STATE OF ALASKA	\$2,569,500
U.S. Department of the Interior	687,300
National Oceanic & Atmospheric Administration	468,400
SUBTOTAL TO UNITED STATES OF AMERICA	\$1,155,700
TOTAL APPROVED	\$3,725,200

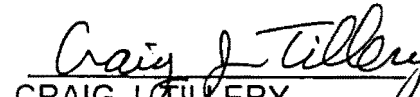
Funds must be spent in accordance with Attachments A and B, with the following conditions: (1) If a Principal Investigator (PI) has an overdue report or manuscript from

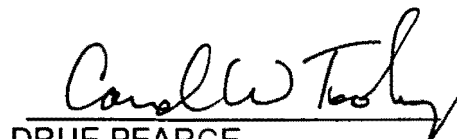
a previous year, no funds may be expended on a project involving the PI unless the report is submitted or a schedule for submission is approved by the Executive Director; (2) a project's lead agency must demonstrate to the Executive Director that requirements of the National Environmental Policy Act (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.

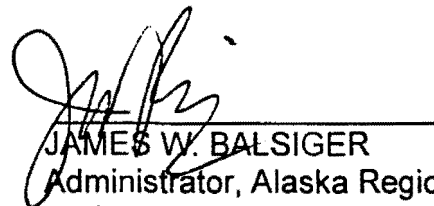
By unanimous consent, we hereby request the Alaska Department of Law and the Assistant Attorney General of the Environmental and Natural Resources Division of the United States Department of Justice to take such steps as may be necessary for withdrawal of the Fiscal Year 2003 Work Plan Phase I amount (\$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


CRAIG J. TILLERY
Assistant Attorney General
State of Alaska


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


FRANK RUE
Commissioner
Alaska Department of Fish and Game


MICHELE BROWN
Commissioner
Alaska Department of Environmental
Conservation

Attachments:

- A Funding Distribution
- B Executive Director's Recommendation

Attachment A Resolution 02-07
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
 2003 Federal Fiscal Year Project Budgets
 October 1, 2002 September 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	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

Dollar Amounts are shown in thousands of dollars
 Revised 8/13/02

Attachment A solution 02-07
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
2003 Federal Fiscal Year Project Budgets
October 1, 2002 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 Subtotal	629.9
DOI-O/S	ADFG, DOI-USGS		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
			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

Dollar Amounts are shown in thousands of dollars
Revised 8/13/02

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	FY 04 Request	FY 04 Recom.
Oil Spill: Lingerin Injury					\$428.0	\$151.3	\$52.7	\$52.7
030190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. project	\$54.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.		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
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This ongoing project provides data and sample archiving 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.		This is a small project, but critical to tracking 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 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.		Fund contingent on submittal of overdue reports (00195, 01195, 01599) and manuscript (00598). This project provides the ongoing analysis and interpretation of hydrocarbon data for other Trustee Council funded studies.				

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.
030476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 5th yr. 5 yr. project	\$37.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 heritable 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.		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.				

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.
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. project	\$121.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 prey 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 apparently still exposed to lingering oil. This is a 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 analysis of interstitial water samples.		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 sediments.				

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TE) PREADSHEET)--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	R. Perkins/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will develop a standard marine toxicity testing procedure using cold water and an Alaska species. None of the standard test procedures required or recommended by the Environmental Protection Agency and other environmental regulators use cold-water test animals. Use of typical warm-water species to make decisions about Alaska conditions and species is unsatisfactory from a scientific standpoint, and this practice also interferes with public acceptance of the results. Decisions requiring toxicity testing include crude oil components and cleanup chemicals, such as dispersants and beach cleaners. This project proposes developing the Alaska green urchin as a test species. Tests of urchin fertilization and embryo development are sensitive indicators of toxicity.		The core tasks in this proposal have already been done and extensively published by Dinnel and his colleagues at the University of Washington during the 1980s. The project also has limited links to restoration. Do not fund.		Do not fund based on Chief Scientist's recommendation.				

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	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. project	\$192.3	\$151.3	\$30.0	\$30.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 foraging activities to the contamination of the forage 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.		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 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.				

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.
Oil Spill: Recovery Monitoring					\$340.8	\$25.0	\$18.2	\$0.0

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

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 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.

Chief Scientist's Recommendation

This project will monitor an important killer whale pod. Killer whales are a top trophic-level, sentinel species that is dependent on the integrity of the 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.

Trustee Council Action

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.

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.
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. project	\$0.0	\$25.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
In spring 2001, prevalence of <i>Ichthyophonus hoferi</i> (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in any year studied (1989-2000). <i>I. hoferi</i> causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, <i>I. hoferi</i> was not associated with unexpected declines in population biomass, but during the last century increases in <i>I. hoferi</i> prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 <i>I. hoferi</i> 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 importance, in addition to being a key component of 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 (<i>Ichthyophonus hoferi</i>). 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.		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 <i>Ichthyophonus 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 population.				
030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 3rd yr. 3 yr. project	\$286.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.		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.]				

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TE) PREADSHEET)--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.
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. project	\$36.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</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 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.				

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.
Oil Spill: Ecosystem Recovery & Function					\$216.6	\$148.9	\$0.0	\$0.0
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. project	\$216.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
Sea otters and harlequin ducks have not fully recovered from the oil spill, based on population-level demographic differences between oiled and unoiled areas. Further, in 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. 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.		This is a high quality project that has made outstanding contributions to the EVOS Nearshore Vertebrate Predator (NVP) program (Project 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 challenging). Fund closeout of sea otter component as proposed; fund an additional year of harlequin field work/data collection in order to determine if there is a link between P4501A exposure and survival of individual female harlequin ducks.		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 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.				

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.
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. project	\$0.0	\$148.9	\$0.0	\$0.0
<u>Project Abstract</u> <p>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 <i>Protothaca staminea</i> 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.</p>			<u>Chief Scientist's Recommendation</u> <p>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.</p>			<u>Trustee Council Action</u> <p>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.</p>		

SPREA SHEET B: TRUSTEE COUNCIL ACTION (TE) PREADSHEET)--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-Habitat Linkage: Synthesis					\$254.5	\$0.0	\$214.3	\$184.8
G- 030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	R. Spies/EVOS Chief Scientist, et al	ADNR	Cont'd 2nd yr. 3 yr. project	\$215.9	\$0.0	\$184.8	\$184.8
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 has matured and what future path will help us better understand this valuable marine ecosystem. The book will be a major product of the EVOS restoration program and help set the foundation for GEM.		Proposal will not be reviewed by Chief Scientist. Two independent reviews have been conducted.		Fund. This project will integrate what has been learned from more than a decade's worth of science following the oil spill. Such a synthesis will fulfill at least two purposes: (a) inform the public about the EVOS legacy in a scientifically rigorous yet readable volume and (b) provide a foundation for GEM. A detailed outline for the synthesis will be completed shortly and will be supplied to the Trustee Council for comment. In addition, the principal investigator should work closely with the Trustee Council Office in designing the multimedia presentation to ensure that it will be a useful tool for Council staff in communicating the results of the restoration program to the public and others.				
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. project	\$13.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize existing data to create a comprehensive Geographic Information Systems (GIS) map and database of monitoring sites across the Gulf of 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 database will be useful in meeting GEM objectives. 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).		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.				

SPREA IEET B: TRUSTEE COUNCIL ACTION (TEXT) PREADSHEET)--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	J4 Request	FY 04 Recon.
G- 030625	Prince William Sound Isotope Ecology Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. project	\$25.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will provide a 'big picture' synthesis of the present structure of the pelagic ecosystem of Prince William Sound through preparation of a scientific paper with tentative title: "A stable isotope based trophic structure of the pelagic community of Prince William Sound, Alaska". The documentation of a 'before picture' will be useful because the recently documented regional change in species composition is likely to alter pelagic trophic structure during GEM.		The proposed synthesis could be a worthwhile product, and the principal investigator is certainly the most knowledgeable individual to prepare this synthesis. Fund revised proposal, which reduces the cost of the project to a more appropriate level.		Fund revised proposal, which reduces the project's scope and budget as directed by the Chief Scientist. This project will prepare a synthesis manuscript on the pelagic ecosystem of Prince William Sound, using stable isotope ratio data from biota samples collected and analyzed by the principal investigator under previous EVOS projects (Project 98320/Sound Ecosystem Assessment; Project 01393/Prince William Sound Food Webs: Structure and Change).				
G- 030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$29.5	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize information that suggests ontogenetic increases of the trophic position of the walleye pollock such that they contribute to top-down processes when >600mm in length, using stable isotope 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 questions it poses. The potential contribution to 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 walleye 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.				

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-Habitat Linkage: Community Involvement					\$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
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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 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.

Chief Scientist's Recommendation

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

Fund interim amount--\$30,100 for Resource Program Planner first quarter 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.

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- 030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	

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.

Chief Scientist's Recommendation

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 (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	FY 04 Request	FY 04 Recom.
G- 030561	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM	D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. project	\$17.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will close out Project 02561, which is evaluating the feasibility of developing a community-based forage fish sampling project for GEM. The work in FY 03 will consist of compiling and analyzing information collected during FY 02, and writing a final report.		The concept of this project--community-based sampling of predator fish to monitor their prey (forage fish)--is scientifically sound and economically viable. It addresses GEM's objective of community involvement with potential to contribute to several aspects of long-term monitoring. This project will produce a useful plan for the Kachemak Bay-lower Cook Inlet region and Prince William Sound. Fund.		Fund closeout of this project, which is visiting spill-area communities to explore involving local residents in long-term forage fish monitoring studies. This effort builds on work successfully begun under APEX (Alaska Predator Ecosystem Experiment, Project 99163). It will 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 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.				
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. project	\$109.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 case-study review of other similar programs, undertake a regional capacity assessment, identify issues and indicators from Chugach Regional Resource Commission's Tribal Natural Resource Plans, and identify new approaches to link western science and local ecological knowledge. These deliverables will address a very important aspect of the GEM program. Despite some problems (lack of detail and clarity in portions of the proposal), this is a good proposal. Fund.		Fund, with authorization of funds for Phase II (development of framework document and development of possible pilot projects; \$57,800) contingent on satisfactory completion of Phase I (community monitoring capacity assessment, literature review, and planning; \$51,800). This project addresses the Trustee Council's interest in a strong and meaningful role for community involvement/community monitoring in GEM. It will build on some of the efforts funded in earlier years under Project /052 (Community Involvement/Traditional Knowledge/Tribal Stewardship) but with (a) a different emphasis--development of a regionwide community monitoring plan as opposed to development of specific tribes' stewardship capacity and (b) a broader focus --Project /052 has been limited to tribes only; this project will include non-tribal community groups and add Homer and Cordova to the list of participating communities.				

SPREA SHEET B: TRUSTEE COUNCIL ACTION (TE) 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- 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

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.

Chief Scientist's Recommendation

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

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, Ouzinkie, 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	J4 Request	FY 04 Recom.
G-030636	Management Applications: Commercial Fishing	K. Adams, R. Mullins/Cordova	NOAA	Cont'd 2nd yr. 2 yr. project	\$50.9	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 well-documented outcomes and setting up an office 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.		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 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.				

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: Watershed Habitat					\$115.1	\$0.0	\$26.6	\$26.6
G- 030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. project	\$22.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
<p>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.</p>		<p>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 runoff in the Ninilchik River--that is expected to be useful in understanding differences in natural forcing. Fund, lower priority.</p>		<p>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.</p>				

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- 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. project	\$92.5	\$0.0	\$26.6	\$26.6
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project is reconstructing changes in sockeye salmon abundance over the last 5,000 years using the ¹⁵ 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 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. The project is being executed with the highest scientific standards. Fund, including the proposed addition of three other Kenai Peninsula lakes.		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.				
GEM: Intertidal/Subtidal Habitat					\$93.0	\$0.0	\$0.0	\$0.0
G- 030584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	ADFG	Cont'd 2nd yr. 2 yr. project	\$39.3	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This is the year-two completion of a project initiated in FY 02. The main objective is an evaluation of airborne remote sensing tools for GEM ecological interpretation of the data collected. The instrument package consists of (a) a pulsed lidar to map subsurface features to a maximum of 50 m, (b) an infrared radiometer to map Sea Surface Temperature (SST) day, (c) two three-chip digital video systems to map ocean color (chlorophyll), birds, mammals, surface fish schools, and ocean frontal structure, and (d) an infrared digital video to map birds and mammals at night. Shipboard and buoy data will be used for validation and interpretation of remotely sensed data.		Monitoring forage fish abundance is a challenge for the GEM program. This is a highly innovative project to do such monitoring, and is therefore more risky than others. However, it deserves support through the proposed development phase, as the pay-off of success would be great. Fund.		Fund closeout of this project, which is exploring airborne remote sensing instrumentation as a monitoring tool for GEM. This highly innovative project is working on a challenging question, which is how to effectively and efficiently monitor forage fish abundance under the GEM program. If the project is successful, the pay-off will be great.				

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- 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.	DOI	Cont'd 2nd yr. 2 yr. project	\$53.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances 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 will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.		This pilot project has the potential to produce innovative data of great interest and relevance to 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 needed expertise to the project team. Fund.		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
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.				

SPREA SHEET B: TRUSTEE COUNCIL ACTION (TE) PREADSHEET)--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: Offshore Habitat					\$18.1	\$0.0	\$0.0	\$0.0
G- 030614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	S. Okkonen/UAF	ADFG	Cont'd 2nd yr. 2 yr. project	\$18.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 fields along the tanker route between Valdez, Alaska and Long Beach, California.		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 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.		Fund closeout of this project (data analysis and preparation of final report/manuscript). In FY 02, this project installed a thermosalinograph and fluorometer on a crude oil tanker traveling between Valdez and Long Beach. Vessels of opportunity such as this are a cost-effective method that may be useful to GEM, and the data collected by this project on ocean conditions in Alaskan waters will be extremely useful to GEM.				
Data Management & Information Transfer					\$308.0	\$0.0		
G- 030455	GEM Data System	Trustee Council Office	ALL	Cont'd 2nd yr.	\$212.9	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project supports the data management and information transfer system for GEM. Data collection, quality control and documentation, archiving, transfer, delivery, and presentation are critical components of GEM. Project funding will allow the GEM Data Systems 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.		Data management will be a critical component of GEM.		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.				

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	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		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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 support GEM needs to be better addressed. GEM's 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. 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					\$416.0	\$0.0
G- 030250	Project Management	All Trustee Council Agencies	ALL	Cont'd	\$137.6	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>		
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.		Fund. Project management helps provide accountability for the work plan process.		

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		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 Science Organization), and support the Lingering Oil Effects Subcommittee and review process.		Proposal will not be reviewed by Chief Scientist.		Fund interim amount of \$278,400; additional funds may be necessary later in FY 03 for additional GEM planning activities and for some Scientific and Technical Advisory Committee (STAC) and subcommittee meetings that are not yet scheduled. This project is designed to ensure that the GEM program is implemented with a high degree of scientific integrity through establishment of an advisory committee of independent experts (the STAC), whose work will be supported by subcommittees composed of scientists, resource managers, and community members. The project will also support continued independent peer review of project proposals and reports, as well as the dissemination of research results at an annual meeting at which Council-funded scientists will present their findings to their peers and the public.				
Public Information/Administration					\$1,114.3	\$0.0		
030100	Public Information and Administration	All Trustee Council Agencies	ALL	Cont'd	\$1,114.3	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		Proposal not reviewed.		Fund. This project provides overall support for administration and implementation of the Trustee Council's programs.				

MEMORANDUM

Department of Natural Resources

State of Alaska

Office of the Commissioner

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

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

anticipated between now and September 30. DNR will need to purchase title insurance for Elliot, Icele 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.

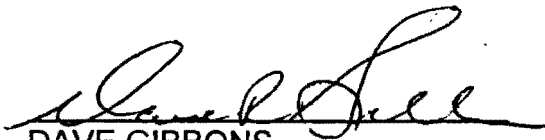
Should you have any additional questions or concerns, please do not hesitate to contact me at your earliest convenience. It would be beneficial if this matter could be addressed at the August 6 Trustee Council meeting. Thank you.

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 affirmed by our signatures affixed below:



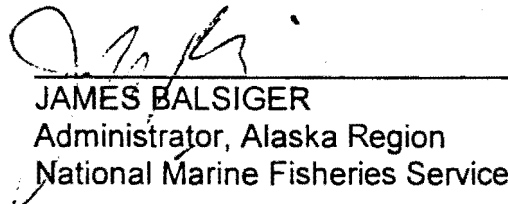
DAVE GIBBONS
Forest Supervisor
Forest Service Alaska Region
U.S. Department of Agriculture



CRAIG TILLERY
Assistant Attorney General
State of Alaska



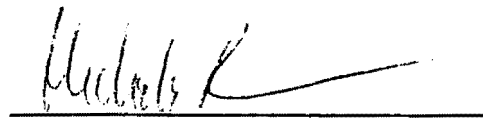
DRUE PEARCE
Senior Adviser
to the Secretary for Alaskan Affairs
U.S. Department of the Interior



JAMES BALSIGER
Administrator, Alaska Region
National Marine Fisheries Service



FRANK RUE
Commissioner
Alaska Department of
Fish and Game



MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation

Exxon Valdez Oil Spill Trustee Council

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.

Molly McCammon
Executive Director

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

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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,

A handwritten signature in dark ink, appearing to read "Molly McCammon" with a stylized flourish at the end.

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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
for

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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,

Sandra Schubert
for

Molly McCammon
Executive Director

Federal Trustees

U.S. Department of the Interior
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Exxon Valdez Oil Spill Trustee Council

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
for

Molly McCammon
Executive Director

Federal Trustees

U.S. Department of the Interior
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Exxon Valdez Oil Spill Trustee Council

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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

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National Oceanic and Atmospheric Administration

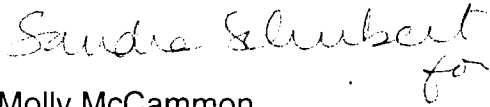
State Trustees

Alaska Department of Fish and Game
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Alaska Department of Law

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,

A handwritten signature in cursive script that reads "Sandra Schubert" with a small "for" written below it.

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.
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

This ongoing project provides data and sample archiving 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.

Chief Scientist's Recommendation

This is a small project, but critical to tracking 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 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 for other Trustee Council funded studies.

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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.

Federal Trustees

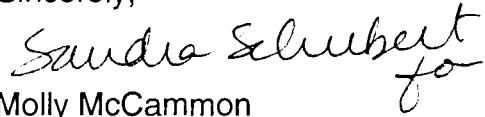
U.S. Department of the Interior
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Alaska Department of Environmental Conservation
Alaska Department of Law

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,

A handwritten signature in cursive script that reads "Sandra Schubert" with a small "fo" written below it.

Molly McCammon
Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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.

Federal Trustees

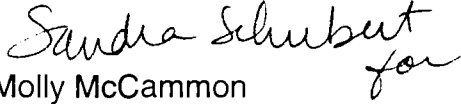
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

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

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,


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-030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. project	\$22.6	\$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: 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 runoff in the Ninilchik River--that is expected to be 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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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.

Federal Trustees

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

State Trustees

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

Thank you for your 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,

A handwritten signature in cursive script that reads "Sandra Schubert".

Molly McCammon
Executive Director

Enclosures (2)

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

TRUSTEE COUNCIL ACTION PLAN - 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 Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	ADFG	Cont'd 2nd yr. 2 yr. project	\$39.3	\$0.0	\$0.0	\$0.0

Project Abstract

This is the year-two completion of a project initiated in FY 02. The main objective is an evaluation of airborne remote sensing tools for GEM ecological interpretation of the data collected. The instrument package consists of (a) a pulsed lidar to map subsurface features to a maximum of 50 m, (b) an infrared radiometer to map Sea Surface Temperature (SST) day, (c) two three-chip digital video systems to map ocean color (chlorophyll), birds, mammals, surface fish schools, and ocean frontal structure, and (d) an infrared digital video to map birds and mammals at night. Shipboard and buoy data will be used for validation and interpretation of remotely sensed data.

Chief Scientist's Recommendation

Monitoring forage fish abundance is a challenge for the GEM program. This is a highly innovative project to do such monitoring, and is therefore more risky than others. However, it deserves support through the proposed development phase, as the pay-off of success would be great. Fund.

Trustee Council Action

Fund closeout of this project, which is exploring airborne remote sensing instrumentation as a monitoring tool for GEM. This highly innovative project is working on a challenging question, which is how to effectively and efficiently monitor forage fish abundance under the GEM program. If the project is successful, the pay-off will be great.

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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 Fraser 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

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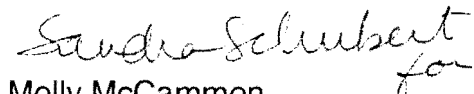
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compliance will delay start of the project. If you have any questions, please contact the EVOS project manager for your lead agency.

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,


Molly McCammon
Executive Director

Enclosures (2)

cc: Dede Bohn, DOI-USGS Project Manager

TRUSTEE COUNCIL ACTION 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. project	\$216.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
Sea otters and harlequin ducks have not fully recovered from the oil spill, based on population-level demographic differences between oiled and unoiled areas. Further, in 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. 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.		This is a high quality project that has made outstanding contributions to the EVOS Nearshore Vertebrate Predator (NVP) program (Project 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 challenging). Fund closeout of sea otter component as proposed; fund an additional year of harlequin field work/data collection in order to determine if there is a link between P4501A exposure and survival of individual female harlequin ducks.		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 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 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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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 for

Molly McCammon
Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

TRUSTEE COUNCIL ACTION PLAN - 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 Watch	T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 4th yr.	\$63.0	\$0.0	\$61.8	

Project Abstract

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.

Chief Scientist's Recommendation

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

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.

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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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.

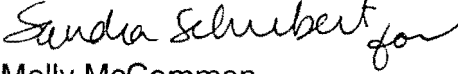
Before a project may begin, the principal investigator must submit a signed form to the Executive Director indicating his/her agreement to abide by the Trustee Council's data and report requirements (a copy of this form is enclosed). In addition, the lead agency for the project must provide documentation 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.

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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,


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. project	\$50.9	\$0.0	\$0.0	\$0.0

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 well-documented outcomes and setting up an office 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 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.

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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



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

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National Oceanic and Atmospheric Administration

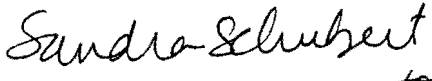
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Alaska Department of Law

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,


Molly McCammon *for*
Executive Director

Enclosures (2)

cc: Dede Bohn, DOI-USGS Project Manager

TRUSTEE COUNCIL ACTION PLAN - 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.	DOI	Cont'd 2nd yr. 2 yr. project	\$53.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances 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 will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.		This pilot project has the potential to produce innovative data of great interest and relevance to 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 needed expertise to the project team. Fund.		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.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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

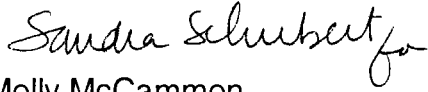
Dear Richard,

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,

A handwritten signature in cursive script, appearing to read "Sandra Schubert", followed by a small flourish.

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-030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	

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.

Chief Scientist's Recommendation

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.

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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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.

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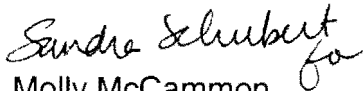
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Alaska Department of Law

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,


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. project	\$37.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 heritable 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.		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.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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.

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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,

A handwritten signature in cursive script that reads "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. project	\$286.7	\$0.0	\$0.0	\$0.0
<p><u>Project Abstract</u></p> <p>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.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>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.</p>			<p><u>Trustee Council Action</u></p> <p>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.]</p>		

Signature Form

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Signature of PI

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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,

A handwritten signature in cursive script that reads "Sandra Schubert for".

Molly McCammon
Executive Director

Enclosures (2)

cc: Tony DeGange, DOI-USFWS Project Manager

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TRUSTEE COUNCIL ACTION - 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 Developing a Community-Based Forage Fish Sampling Project for GEM	D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. project	\$17.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will close out Project 02561, which is evaluating the feasibility of developing a community-based forage fish sampling project for GEM. The work in FY 03 will consist of compiling and analyzing information collected during FY 02, and writing a final report.		The concept of this project--community-based sampling of predator fish to monitor their prey (forage fish)--is scientifically sound and economically viable. It addresses GEM's objective of community involvement with potential to contribute to several aspects of long-term monitoring. This project will produce a useful plan for the Kachemak Bay-lower Cook Inlet region and Prince William Sound. Fund.		Fund closeout of this project, which is visiting spill-area communities to explore involving local residents in long-term forage fish monitoring studies. This effort builds on work successfully begun under APEX (Alaska Predator Ecosystem Experiment, Project 99163). It will 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 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.				

Signature Form

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Signature of PI

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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,

Molly McCammon
Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

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TRUSTEE COUNCIL ACTION - 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. project	\$54.5	\$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?

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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.

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Alaska Department of Law

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 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	
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 species that is dependent on the integrity of the 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.				

Signature Form

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Signature of PI

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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:

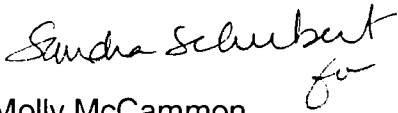
Pete Hagen
National Oceanic and Atmospheric Administration
11305 Glacier Highway, Auke Bay, Alaska 99801-8626
Phone 907-789-6096/Fax 907-789-6608

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Alaska Department of Law

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,

Handwritten signature of Sandra Schubert in cursive script.

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-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. project	\$13.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize existing data to create a comprehensive Geographic Information Systems (GIS) map and database of monitoring sites across the Gulf of 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 database will be useful in meeting GEM objectives. 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).		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.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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.

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State Trustees

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

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,

A handwritten signature in cursive script, appearing to read "Molly McCammon", with a small "fo" written below it.

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

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.

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

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



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.

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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,


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. project	\$92.5	\$0.0	\$26.6	\$26.6
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project is reconstructing changes in sockeye salmon abundance over the last 5,000 years using the ¹⁵ 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 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. The project is being executed with the highest scientific standards. Fund, including the proposed addition of three other Kenai Peninsula lakes.		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

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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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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

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

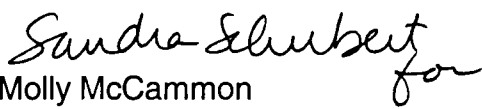
Dear Steve,

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,


Molly McCammon
Executive Director

Enclosures (2)

cc: Bill Hauser, ADF&G Project Manager

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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-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	S. Okkonen/UAF	ADFG	Cont'd 2nd yr. 2 yr. project	\$18.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 fields along the tanker route between Valdez, Alaska and Long Beach, California.		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 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.		Fund closeout of this project (data analysis and preparation of final report/manuscript). In FY 02, this project installed a thermosalinograph and fluorometer on a crude oil tanker traveling between Valdez and Long Beach. Vessels of opportunity such as this are a cost-effective method that may be useful to GEM, and the data collected by this project on ocean conditions in Alaskan waters will be extremely useful to GEM.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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August 12, 2002

Gary D. Marty, PhD
University of CA,
Vet Med, Anatomy Phys Cell Bio
1 Shields 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,

Sandra Schubert
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.
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. project	\$0.0	\$25.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
In spring 2001, prevalence of <i>Ichthyophonus hoferi</i> (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in any year studied (1989-2000). <i>I. hoferi</i> causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, <i>I. hoferi</i> was not associated with unexpected declines in population biomass, but during the last century increases in <i>I. hoferi</i> prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 <i>I. hoferi</i> 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 importance, in addition to being a key component of 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 (<i>Ichthyophonus hoferi</i>). 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.		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 <i>Ichthyophonus 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 population.				

Exxon Valdez Oil Spill Trustee Council

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

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,

A handwritten signature in cursive script, appearing to read 'Sandra Schubert for Molly McCammon'.

Molly McCammon
Executive Director

Enclosures (2)

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

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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-030625	Prince William Sound Isotope Ecology Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. project	\$25.5	\$0.0	\$0.0	\$0.0
<p><u>Project Abstract</u></p> <p>This project will provide a 'big picture' synthesis of the present structure of the pelagic ecosystem of Prince William Sound through preparation of a scientific paper with tentative title: "A stable isotope based trophic structure of the pelagic community of Prince William Sound, Alaska". The documentation of a 'before picture' will be useful because the recently documented regional change in species composition is likely to alter pelagic trophic structure during GEM.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>The proposed synthesis could be a worthwhile product, and the principal investigator is certainly the most knowledgeable individual to prepare this synthesis. Fund revised proposal, which reduces the cost of the project to a more appropriate level.</p>			<p><u>Trustee Council Action</u></p> <p>Fund revised proposal, which reduces the project's scope and budget as directed by the Chief Scientist. This project will prepare a synthesis manuscript on the pelagic ecosystem of Prince William Sound, using stable isotope ratio data from biota samples collected and analyzed by the principal investigator under previous EVOS projects (Project 98320/Sound Ecosystem Assessment; Project 01393/Prince William Sound Food Webs: Structure and Change).</p>		

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

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



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,

A handwritten signature in cursive script, reading "Sandra Schubert". The signature is fluid and appears to be written in ink.

Molly McCammon
Executive Director

Enclosure

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

TRUSTEE COUNCIL ACTION - 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-030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$29.5	\$0.0

Project Abstract

This project will synthesize information that suggests ontogenetic increases of the trophic position of the walleye pollock such that they contribute to top-down processes when >600mm in length, using stable isotope 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.

Chief Scientist's Recommendation

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

Trustee Council Action

Do not fund based on Chief Scientist's recommendation. This project would use stable isotope analysis to examine the trophic position of walleye 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.

Exxon Valdez Oil Spill Trustee Council

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



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,


Molly McCammon
Executive Director

Enclosure

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.
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. project	\$0.0	\$148.9	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 <i>Protothaca staminea</i> 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.				

Exxon Valdez Oil Spill Trustee Council

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



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
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.
030594	Development of an Alaska Standard Species for Marine Toxicity Testing - The Alaska Green Urchin	R. Perkins/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will develop a standard marine toxicity testing procedure using cold water and an Alaska species. None of the standard test procedures required or recommended by the Environmental Protection Agency and other environmental regulators use cold-water test animals. Use of typical warm-water species to make decisions about Alaska conditions and species is unsatisfactory from a scientific standpoint, and this practice also interferes with public acceptance of the results. Decisions requiring toxicity testing include crude oil components and cleanup chemicals, such as dispersants and beach cleaners. This project proposes developing the Alaska green urchin as a test species. Tests of urchin fertilization and embryo development are sensitive indicators of toxicity.		The core tasks in this proposal have already been done and extensively published by Dinnel and his colleagues at the University of Washington during the 1980s. The project also has limited links to restoration. Do not fund.		Do not fund based on Chief Scientist's recommendation.				

Exxon Valdez Oil Spill Trustee Council

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



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.

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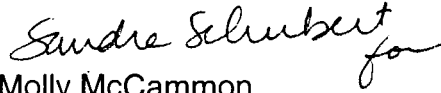
U.S. Department of the Interior
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National Oceanic and Atmospheric Administration

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

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,

A handwritten signature in cursive script, appearing to read "Molly McCammon", with a small flourish at the end.

Molly McCammon
Executive Director

Enclosures (2)

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.
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. project	\$36.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</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 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.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

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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)

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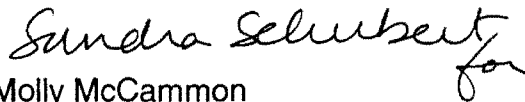
- Defer a decision on NOAA component pending a workshop to be held Fall 2002 on the results to date from Project /585, Lingerin Oil: Bioavailability and Effects to Prey and Predators

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,

A handwritten signature in cursive script, appearing to read "Sandra Schubert", with a small flourish at the end.

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.
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. project	\$192.3	\$151.3	\$30.0	\$30.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 foraging activities to the contamination of the forage 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.		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 (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 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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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 Fraser 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

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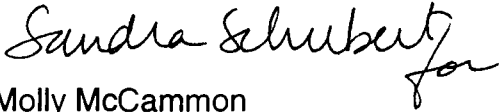
Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

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,


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. project	\$121.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 prey 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 apparently still exposed to lingering oil. This is a 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 analysis of interstitial water samples.		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 sediments.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

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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,


Molly McCammon
Executive Director

Enclosures (2)

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.
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. project	\$109.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 case-study review of other similar programs, undertake a regional capacity assessment, identify issues and indicators from Chugach Regional Resource Commission's Tribal Natural Resource Plans, and identify new approaches to link western science and local ecological knowledge. These deliverables will address a very important aspect of the GEM program. Despite some problems (lack of detail and clarity in portions of the proposal), this is a good proposal. Fund.		Fund, with authorization of funds for Phase II (development of framework document and development of possible pilot projects; \$57,800) contingent on satisfactory completion of Phase I (community monitoring capacity assessment, literature review, and planning; \$51,800). This project addresses the Trustee Council's interest in a strong and meaningful role for community involvement/community monitoring in GEM. It will build on some of the efforts funded in earlier years under Project /052 (Community Involvement/Traditional Knowledge/Tribal Stewardship) but with (a) a different emphasis--development of a regionwide community monitoring plan as opposed to development of specific tribes' stewardship capacity and (b) a broader focus --Project /052 has been limited to tribes only; this project will include non-tribal community groups and add Homer and Cordova to the list of participating communities.				

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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.

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Alaska Department of Environmental Conservation
Alaska Department of Law

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,

Sandra Schubert
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	
<p><u>Project Abstract</u></p> <p>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/Eyak, Seward/Qutekcak, Seldovia, Valdez, Kodiak Island Region/Ouzinkie, and the Alaska Peninsula Region/Chignik Lake.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>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.</p>			<p><u>Trustee Council Action</u></p> <p>Fund interim amount--\$30,100 for Resource Program Planner first quarter 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.</p>		

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

Date

Signature of co-PI

Date

Signature of co-PI

Date

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

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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, ADNRR
Pete Hagen, NOAA
Bill Hauser, ADF&G

FROM: Molly McCammon
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.

Please note that the signature form is a new requirement this year. 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.

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

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

Agency	Project Number	PI	Final or Annual	Project Title	Status of Report
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.

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

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

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

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

NEPA: FY 03 PHASE I WORK PLAN (projects approved by Trustee Council 8/6/02)

<u>Proj.No.</u>	<u>Project Title</u>	<u>New or Cont'd</u>	<u>NEPA Lead Agency</u>	<u>For Continuing Projects: Prior Year NEPA</u>	<u>NEPA Status: FY 03 Activity</u>
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	

NEPA: FY 03 PHASE I WORK PLAN (projects approved by Trustee Council 8/6/02)

<u>Proj.No.</u>	<u>Project Title</u>	<u>New or Cont'd</u>	<u>NEPA Lead Agency</u>	<u>For Continuing Projects: Prior Year NEPA</u>	<u>NEPA Status: FY 03 Activity</u>
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 & DOI					
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		

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.
Oil Spill: Lingering Injury					\$428.0	\$151.3	\$52.7	\$52.7
030190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. project	\$54.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>			<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>			
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.			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.		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
<u>Project Abstract</u>			<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>			
This ongoing project provides data and sample archiving 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.			This is a small project, but critical to tracking 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 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.		Fund contingent on submittal of overdue reports (00195, 01195, 01599) and manuscript (00598). This project provides the ongoing analysis and interpretation of hydrocarbon data for other Trustee Council funded studies.			

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. project	\$37.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 heritable 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.		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.				

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.
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. project	\$121.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 prey 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 apparently still exposed to lingering oil. This is a 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 analysis of interstitial water samples.		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 sediments.				

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TE) (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.
030594	Development of an Alaska Standard Species for Marine Toxicity Testing - The Alaska Green Urchin	R. Perkins/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will develop a standard marine toxicity testing procedure using cold water and an Alaska species. None of the standard test procedures required or recommended by the Environmental Protection Agency and other environmental regulators use cold-water test animals. Use of typical warm-water species to make decisions about Alaska conditions and species is unsatisfactory from a scientific standpoint, and this practice also interferes with public acceptance of the results. Decisions requiring toxicity testing include crude oil components and cleanup chemicals, such as dispersants and beach cleaners. This project proposes developing the Alaska green urchin as a test species. Tests of urchin fertilization and embryo development are sensitive indicators of toxicity.		The core tasks in this proposal have already been done and extensively published by Dinnel and his colleagues at the University of Washington during the 1980s. The project also has limited links to restoration. Do not fund.		Do not fund based on Chief Scientist's recommendation.				

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.
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. project	\$192.3	\$151.3	\$30.0	\$30.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 foraging activities to the contamination of the forage 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.		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 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.				

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TE) PREADSHEET)--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.
Oil Spill: Recovery Monitoring					\$340.8	\$25.0	\$18.2	\$0.0
030012	Photographic Monitoring of Resident Killer Whales	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 11th yr.	\$18.1	\$0.0	\$18.2	
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 species that is dependent on the integrity of the 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.				

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 William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 5th yr. 5 yr. project	\$0.0	\$25.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
In spring 2001, prevalence of <i>Ichthyophonus hoferi</i> (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in any year studied (1989-2000). <i>I. hoferi</i> causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, <i>I. hoferi</i> was not associated with unexpected declines in population biomass, but during the last century increases in <i>I. hoferi</i> prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 <i>I. hoferi</i> 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 importance, in addition to being a key component of 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 (<i>Ichthyophonus hoferi</i>). 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.		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 <i>Ichthyophonus 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 population.				
030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 3rd yr. 3 yr. project	\$286.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.		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.]				

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.
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. project	\$36.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</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 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.				

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.
Oil Spill: Ecosystem Recovery & Function					\$216.6	\$148.9	\$0.0	\$0.0
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. project	\$216.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
Sea otters and harlequin ducks have not fully recovered from the oil spill, based on population-level demographic differences between oiled and unoled areas. Further, in 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. 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.		This is a high quality project that has made outstanding contributions to the EVOS Nearshore Vertebrate Predator (NVP) program (Project 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 challenging). Fund closeout of sea otter component as proposed; fund an additional year of harlequin field work/data collection in order to determine if there is a link between P4501A exposure and survival of individual female harlequin ducks.		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 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.				

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.
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. project	\$0.0	\$148.9	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 <i>Protothaca staminea</i> 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.				

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-Habitat Linkage: Synthesis					\$254.5	\$0.0	\$214.3	\$184.8
G- 030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	R. Spies/EVOS Chief Scientist, et al	ADNR	Cont'd 2nd yr. 3 yr. project	\$215.9	\$0.0	\$184.8	\$184.8
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 has matured and what future path will help us better understand this valuable marine ecosystem. The book will be a major product of the EVOS restoration program and help set the foundation for GEM.		Proposal will not be reviewed by Chief Scientist. Two independent reviews have been conducted.		Fund. This project will integrate what has been learned from more than a decade's worth of science following the oil spill. Such a synthesis will fulfill at least two purposes: (a) inform the public about the EVOS legacy in a scientifically rigorous yet readable volume and (b) provide a foundation for GEM. A detailed outline for the synthesis will be completed shortly and will be supplied to the Trustee Council for comment. In addition, the principal investigator should work closely with the Trustee Council Office in designing the multimedia presentation to ensure that it will be a useful tool for Council staff in communicating the results of the restoration program to the public and others.				
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. project	\$13.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize existing data to create a comprehensive Geographic Information Systems (GIS) map and database of monitoring sites across the Gulf of 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 database will be useful in meeting GEM objectives. 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).		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.				

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-030625	Prince William Sound Isotope Ecology Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. project	\$25.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will provide a 'big picture' synthesis of the present structure of the pelagic ecosystem of Prince William Sound through preparation of a scientific paper with tentative title: "A stable isotope based trophic structure of the pelagic community of Prince William Sound, Alaska". The documentation of a 'before picture' will be useful because the recently documented regional change in species composition is likely to alter pelagic trophic structure during GEM.		The proposed synthesis could be a worthwhile product, and the principal investigator is certainly the most knowledgeable individual to prepare this synthesis. Fund revised proposal, which reduces the cost of the project to a more appropriate level.		Fund revised proposal, which reduces the project's scope and budget as directed by the Chief Scientist. This project will prepare a synthesis manuscript on the pelagic ecosystem of Prince William Sound, using stable isotope ratio data from biota samples collected and analyzed by the principal investigator under previous EVOS projects (Project 98320/Sound Ecosystem Assessment; Project 01393/Prince William Sound Food Webs: Structure and Change).				
G-030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$29.5	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize information that suggests ontogenetic increases of the trophic position of the walleye pollock such that they contribute to top-down processes when >600mm in length, using stable isotope 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 questions it poses. The potential contribution to 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 walleye 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.				

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-Habitat Linkage: Community Involvement					\$369.2	\$150.5	\$340.0	\$0.0

G- 030052	Tribal Natural Resource Stewardship and Meaningful Tribal Involvement in GEM	P. Brown- Schwalenberg/CRRRC	ADFG	Cont'd 9th yr.	\$30.1	\$150.5	\$192.6	
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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 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.

Chief Scientist's Recommendation

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

Fund interim amount--\$30,100 for Resource Program Planner first quarter 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.

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- 030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	

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.

Chief Scientist's Recommendation

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.

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- 030561	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM	D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. project	\$17.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will close out Project 02561, which is evaluating the feasibility of developing a community-based forage fish sampling project for GEM. The work in FY 03 will consist of compiling and analyzing information collected during FY 02, and writing a final report.		The concept of this project--community-based sampling of predator fish to monitor their prey (forage fish)--is scientifically sound and economically viable. It addresses GEM's objective of community involvement with potential to contribute to several aspects of long-term monitoring. This project will produce a useful plan for the Kachemak Bay-lower Cook Inlet region and Prince William Sound. Fund.		Fund closeout of this project, which is visiting spill-area communities to explore involving local residents in long-term forage fish monitoring studies. This effort builds on work successfully begun under APEX (Alaska Predator Ecosystem Experiment, Project 99163). It will 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 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.				
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. project	\$109.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 case-study review of other similar programs, undertake a regional capacity assessment, identify issues and indicators from Chugach Regional Resource Commission's Tribal Natural Resource Plans, and identify new approaches to link western science and local ecological knowledge. These deliverables will address a very important aspect of the GEM program. Despite some problems (lack of detail and clarity in portions of the proposal), this is a good proposal. Fund.		Fund, with authorization of funds for Phase II (development of framework document and development of possible pilot projects; \$57,800) contingent on satisfactory completion of Phase I (community monitoring capacity assessment, literature review, and planning; \$51,800). This project addresses the Trustee Council's interest in a strong and meaningful role for community involvement/community monitoring in GEM. It will build on some of the efforts funded in earlier years under Project /052 (Community Involvement/Traditional Knowledge/Tribal Stewardship) but with (a) a different emphasis--development of a regionwide community monitoring plan as opposed to development of specific tribes' stewardship capacity and (b) a broader focus --Project /052 has been limited to tribes only; this project will include non-tribal community groups and add Homer and Cordova to the list of participating communities.				

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- 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

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.

Chief Scientist's Recommendation

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

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.

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. 2 yr. project	\$50.9	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 well-documented outcomes and setting up an office 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.		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 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.				

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: Watershed Habitat					\$115.1	\$0.0	\$26.6	\$26.6

G- 030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. project	\$22.6	\$0.0	\$0.0	\$0.0
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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.

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 runoff in the Ninilchik River--that is expected to be 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.

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- 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. project	\$92.5	\$0.0	\$26.6	\$26.6
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project is reconstructing changes in sockeye salmon abundance over the last 5,000 years using the ¹⁵ 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 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. The project is being executed with the highest scientific standards. Fund, including the proposed addition of three other Kenai Peninsula lakes.		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.				
GEM: Intertidal/Subtidal Habitat					\$93.0	\$0.0	\$0.0	\$0.0
G- 030584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	ADFG	Cont'd 2nd yr. 2 yr. project	\$39.3	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This is the year-two completion of a project initiated in FY 02. The main objective is an evaluation of airborne remote sensing tools for GEM ecological interpretation of the data collected. The instrument package consists of (a) a pulsed lidar to map subsurface features to a maximum of 50 m, (b) an infrared radiometer to map Sea Surface Temperature (SST) day, (c) two three-chip digital video systems to map ocean color (chlorophyll), birds, mammals, surface fish schools, and ocean frontal structure, and (d) an infrared digital video to map birds and mammals at night. Shipboard and buoy data will be used for validation and interpretation of remotely sensed data.		Monitoring forage fish abundance is a challenge for the GEM program. This is a highly innovative project to do such monitoring, and is therefore more risky than others. However, it deserves support through the proposed development phase, as the pay-off of success would be great. Fund.		Fund closeout of this project, which is exploring airborne remote sensing instrumentation as a monitoring tool for GEM. This highly innovative project is working on a challenging question, which is how to effectively and efficiently monitor forage fish abundance under the GEM program. If the project is successful, the pay-off will be great.				

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- 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.	DOI	Cont'd 2nd yr. 2 yr. project	\$53.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances 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 will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.		This pilot project has the potential to produce innovative data of great interest and relevance to 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 needed expertise to the project team. Fund.		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
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.				

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: Offshore Habitat					\$18.1	\$0.0	\$0.0	\$0.0
G- 030614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	S. Okkonen/UAF	ADFG	Cont'd 2nd yr. 2 yr. project	\$18.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> 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 fields along the tanker route between Valdez, Alaska and Long Beach, California.		<u>Chief Scientist's Recommendation</u> 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 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.		<u>Trustee Council Action</u> Fund closeout of this project (data analysis and preparation of final report/manuscript). In FY 02, this project installed a thermosalinograph and fluorometer on a crude oil tanker traveling between Valdez and Long Beach. Vessels of opportunity such as this are a cost-effective method that may be useful to GEM, and the data collected by this project on ocean conditions in Alaskan waters will be extremely useful to GEM.				
Data Management & Information Transfer					\$308.0	\$0.0		
G- 030455	GEM Data System	Trustee Council Office	ALL	Cont'd 2nd yr.	\$212.9	\$0.0		
<u>Project Abstract</u> This project supports the data management and information transfer system for GEM. Data collection, quality control and documentation, archiving, transfer, delivery, and presentation are critical components of GEM. Project funding will allow the GEM Data Systems 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.		<u>Chief Scientist's Recommendation</u> Data management will be a critical component of GEM.		<u>Trustee Council Action</u> 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.				

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- 030550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	ALL	Cont'd	\$95.1	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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 support GEM needs to be better addressed. GEM's 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. 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					\$416.0	\$0.0		
G- 030250	Project Management	All Trustee Council Agencies	ALL	Cont'd	\$137.6	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		Fund. Project management helps provide accountability for the work plan process.				

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		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 Science Organization), and support the Lingering Oil Effects Subcommittee and review process.		Proposal will not be reviewed by Chief Scientist.		Fund interim amount of \$278,400; additional funds may be necessary later in FY 03 for additional GEM planning activities and for some Scientific and Technical Advisory Committee (STAC) and subcommittee meetings that are not yet scheduled. This project is designed to ensure that the GEM program is implemented with a high degree of scientific integrity through establishment of an advisory committee of independent experts (the STAC), whose work will be supported by subcommittees composed of scientists, resource managers, and community members. The project will also support continued independent peer review of project proposals and reports, as well as the dissemination of research results at an annual meeting at which Council-funded scientists will present their findings to their peers and the public.				
Public Information/Administration					\$1,114.3	\$0.0		
030100	Public Information and Administration	All Trustee Council Agencies	ALL	Cont'd	\$1,114.3	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		Proposal not reviewed.		Fund. This project provides overall support for administration and implementation of the Trustee Council's programs.				

Exxon Valdez Oil Spill Trustee Council

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>5,600</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

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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:

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 Schubert
for
Molly McCammon
Executive Director

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

Exxon Valdez Oil Spill Trustee Council

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 12th 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 co-fund, 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:

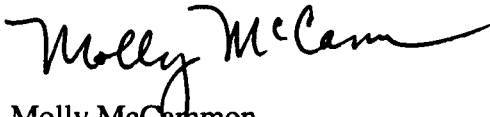
- choose panel members with the appropriate expertise and ensure a review that is "fair, impartial, and absent of bias";
- evaluate the experimental designs and statistical models of the various studies, as well as audit the data gathered in order to verify the reliability of the studies used in drawing 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,

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

Molly McCammon
Executive Director

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

RECEIVED

JUL 08 2002

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

July 3, 2002

MEMORANDUM FOR:

Distribution

FROM:

James M. Coe, *J. M. Coe*

Deputy Science & 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)



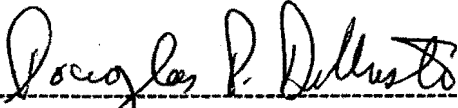
Terms of Reference for
A Review of the 2001 Survey of Residual Oil
in Prince William Sound

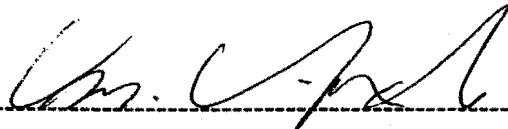
The Exxon Valdez Oil Spill Trustee Council and the National Marine Fisheries Service (NMFS) Alaska Regional Office are seeking an independent scientific review and assessment of the sampling design, field execution, data analysis and derived conclusions from the Council funded 2001 survey of residual 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:

 Date 5-14-02
Douglas R. DeMaster, Science & Research Director, Alaska Region

 Date 5-13-02
William W. Fox Jr., Director, Office of Science & Technology



Reid 7/2/02 JML
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

From:

Jeff Laake 
National Marine Mammal Laboratory
Alaska Fisheries Science Center, NMFS

Subject:

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.

JK
Laake

mmk
Krahn

DLK
Kimura

RKR
Reed

7/2/02
Date


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.

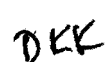
Each beach segment was sampled in the tidal range from +1.8m to +4.8m. The beach segment was divided into rows of 0.5m vertical drop in tidal elevation (6 rows) and equal-width along-beach columns that varied in number depending on the length of the beach segment (8 columns in a 100m segment). From each 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


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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.

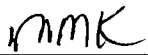
II. Data audit

A. Residual oil estimation

1. Comparison of data files to field data forms

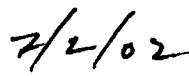
Because the primary focus of the study was the estimation of residual oil extent and location, we conducted a very thorough audit of the oil classification data. Auditing the data was challenging because there was no single data file. The data for each beach segment was in a separate EXCEL file and the 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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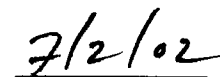
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2. Calculations

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



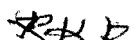
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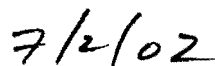
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available in 2000 and 2001). ABL results were excellent. Average "z-scores" (NIST's measure of performance) were <1.0 and no individual score was >2. NIST indicates that Z-scores below 2 are considered satisfactory and those below 1 are excellent.

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.

1. 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

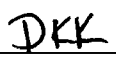
1. Results from this study that conflict with previous studies based on different protocols should not be viewed as suspect, just because the results from the various studies do not agree. Instead, the different protocols need to be evaluated within the context of the



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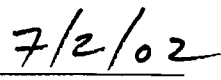
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results of this rigorous, well-designed and executed study. The finding of significant amounts of subsurface oil in the lower intertidal is scientifically significant because its presence was unexpected. Any comparisons made between this study and 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

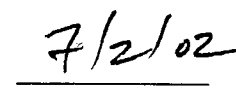
1. Make corrections to data files for discrepancies and revise estimates of residual oil even though the changes will be minor.
2. Create photo-catalog of sampled beach segments and all oiled data pits that were photographed to provide clear photo-documentation.
3. Create a single database by amalgamating 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.


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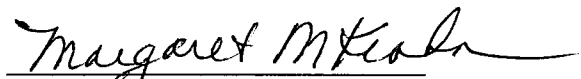

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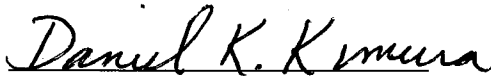

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7. Continue to participate in Interlaboratory Comparison Exercises, so that the performance of ABL can be documented on a yearly basis by an impartial organization (e.g., NIST).
8. We recognize that we have reviewed work that is in progress. We encourage 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 7/2/02.


Jeffrey L. Laake


Margaret M. Krahn


Daniel K. Kimura


Ronald K. Reed

Appendix I. Agenda for Review of Residual Oil Study

18-19 June 2002

18 June 2002

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



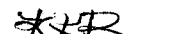
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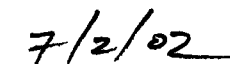
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1200 Q&A
1215 Lunch
1315 Continuation of presentations/discussion if needed

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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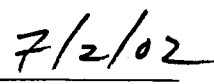
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Appendix II. Audit discrepancies

The following discrepancies were discovered in comparing the data forms, logbooks and data files.

Oil Classification/Estimation

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.

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Appendix III. Example data forms

2001 PWS Shoreline Survey				No Oil Pit Data Sheet			
Site: <u>LAOIBA</u>		Column: <u>A</u> B C D E F G H		Page <u> </u> of <u> </u>			
Date: <u>5/20/01</u>		T-12 N-1 OR-5 #20					
Name: <u> </u>		H = 12.5					

	Pit#:	R1	R2																								
MVD																											
.5		<div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%;"> <tr> <td>Block (m)</td> <td>R#</td> <td>dist. (.5 m)</td> </tr> <tr> <td>H = <u>12.5</u> x <u>.400</u></td> <td></td> <td><u>5.0</u></td> </tr> <tr> <td>V = <u>1</u> x <u>.902</u></td> <td></td> <td><u>.5</u></td> </tr> <tr> <td colspan="3" style="text-align: center;">SURF Oil? Y N <u>-1</u></td> </tr> </table> </div>	Block (m)	R#	dist. (.5 m)	H = <u>12.5</u> x <u>.400</u>		<u>5.0</u>	V = <u>1</u> x <u>.902</u>		<u>.5</u>	SURF Oil? Y N <u>-1</u>			<div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%;"> <tr> <td>Block (m)</td> <td>R#</td> <td>dist. (.5 m)</td> </tr> <tr> <td>H = <u>12.5</u> x <u>.400</u></td> <td></td> <td><u>5.0</u></td> </tr> <tr> <td>V = <u>1</u> x <u>.168</u></td> <td></td> <td><u>0</u></td> </tr> <tr> <td colspan="3" style="text-align: center;">Oil? Y N</td> </tr> </table> </div>	Block (m)	R#	dist. (.5 m)	H = <u>12.5</u> x <u>.400</u>		<u>5.0</u>	V = <u>1</u> x <u>.168</u>		<u>0</u>	Oil? Y N		
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<u>JR</u> Laake	<u>MMK</u> Krahn	<u>DKK</u> Kimura	<u>REK</u> Reed	<u>7/2/02</u> Date
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2001 PWS Shoreline Survey

Oiled Pit Data Sheet

Site: LA018A-1 Column: (A) B C D E F G H

Page of

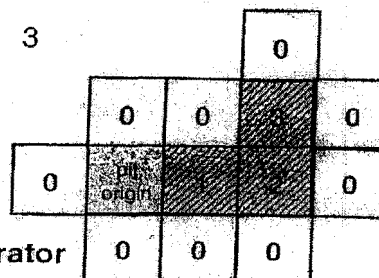
Date: 5/26/01

Name: MVD: .5 (1) 1.5 2 2.5 3

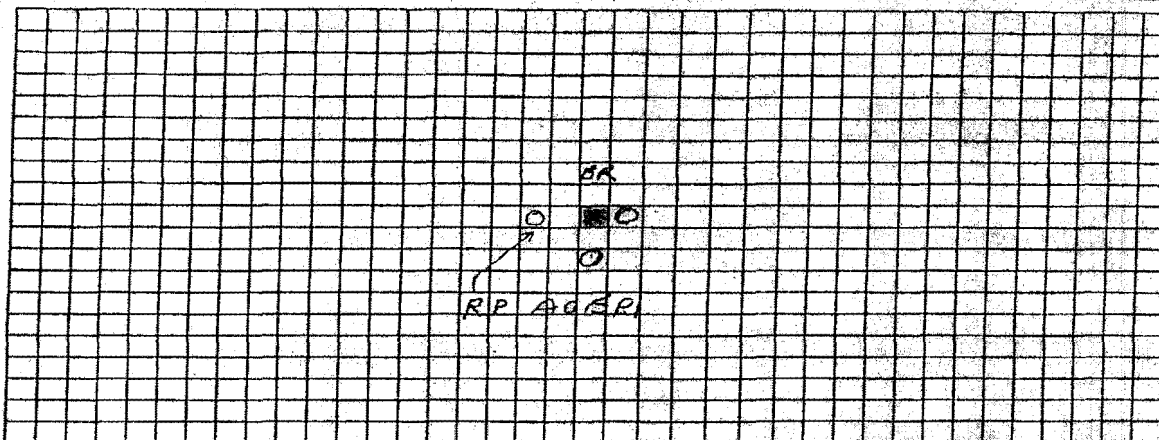
Pit#: (R1) R2

Gravimetric SIN#

GC SIN#



Pit Generator



Pit No.	Pit Depth (cm)	SUBSURFACE OIL CHARACTER						OILED ZONE cm-cm	CLEAN BELOW Y/N	H2O LEVEL (cm)	SHEEN COLOR B R S N	SURFACE SUBSURFACE SEDIMENTS	NOTES
		OP	HOR	MOR	LOR	OF	TR						
1	18							5-10	Y	-	-	BCP-PG	to bedrock
2													50R - coarse
3													to depth 0-10 cm
4													Subsurface
5													5-10 cm
6													shale and
7													50R-gray
8													
9													
10													
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12													
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Laake

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Kimura

Reed

7/2/02
Date

Exxon Valdez Oil Spill Trustee Council

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



FAX COVER SHEET

To: Rod Parrish Number: 850-469-9778
From: Molly McManis Date: Aug 7, 2002
Comments: Pages: 3 with cover

Thank you letter.

850-
469-9778

HARD COPY TO FOLLOW: YES w/report

Document sent by: Sherril

*** ACTIVITY REPORT ***

TRANSMISSION OK

TX/RX NO.	7771
CONNECTION TEL	18504699778
CONNECTION ID	SETAC
START TIME	08/07 12:59
USAGE TIME	01'51
PAGES	3
RESULT	OK

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MEMORANDUM

TO: David Irons, USFWS
Project 02159 PI

FROM: Molly McCammon *for Schubert*
Executive Director

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

Exxon Valdez Oil Spill Trustee Council

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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 as 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 McCammon
Executive Director

Cc: Joe Hunt

Exxon Valdez Oil Spill Trustee Council

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MEMORANDUM

TO: Jeep Rice
NMFS - Auke Bay Lab

Bill Hauser
ADF&G Liaison

FROM: Molly McCammon
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

Exxon Valdez Oil Spill Trustee Council

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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,

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 Natural Resources

FedEx Express USA Airbill

FedEx Tracking Number

8313 0964 5443

Form ID No.

0215

SAC12

1 From Please print and press hard.

Date

Sender's FedEx Account Number

1383-7795-4

Sender's Name

Phone (907) 278-8012

Company EXXON VALDEZ TRUSTEE COUNCIL

Address 441 W 5TH AVE STE 500

Dept./Floor/Suite/Room

City ANCHORAGE

State AK ZIP 99501

2 Your Internal Billing Reference

First 24 characters will appear on invoice.

OPTIONAL

3 To

Recipient's Name

Phillip Mundy

Phone (907) 278-8012

Company

EXXON

Address

441 W. 5th Ave, Suite 500

To "HOLD" at FedEx location, print FedEx address.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

City

Anchorage

State

AK ZIP 99501

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4a Express Package Service

☐ FedEx Priority Overnight
Next business morning

☐ FedEx Standard Overnight
Next business afternoon

Packages up to 150 lbs.
Delivery commitment may be later in some areas.
☐ FedEx First Overnight
Earliest next business morning
delivery to select locations

☐ FedEx 2Day
Second business day
FedEx Envelope rate not available. Minimum charge: One-pound rate

☐ FedEx Express Saver
Third business day
Minimum charge: One-pound rate

☐ FedEx Extra Hours
Later drop-off with next business
afternoon delivery to select locations

4b Express Freight Service

☐ FedEx 1Day Freight*
Next business day

☐ FedEx 2Day Freight
Second business day

☐ FedEx 3Day Freight
Third business day

Packages over 150 lbs.
Delivery commitment may be later in some areas.

* Call for Confirmation

5 Packaging

☐ FedEx Envelope*

☐ FedEx Pak*
Includes FedEx Small Pak, FedEx
Large Pak, and FedEx Sundry Pak

☐ Other Pkg.
Includes FedEx Box, FedEx
Tube, and customer pkg.

* Declared value limit \$500

6 Special Handling

☐ SATURDAY Delivery
Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select ZIP codes

☐ HOLD Weekday
at FedEx Location
FedEx First Overnight

☐ HOLD Saturday
at FedEx Location
FedEx Priority Overnight and
FedEx 2Day to select locations

Does this shipment contain dangerous goods?

One box must be checked

☐ No

☐ Yes

As per attached
Shipper's Declaration

☐ Yes

Shipper's Declaration
not required

☐ Dry Ice

Dry Ice, 9, UN1845, _____ kg

Dangerous Goods (incl. Dry Ice) cannot be shipped in FedEx packaging or with
FedEx Extra Hours service.

☐ Cargo Aircraft Only

7 Payment Bill to:

☐ Sender
Acct. No. in Section
1 will be billed.

☐ Recipient

☐ Third Party

☐ Credit Card

☐ Cash/Check

FedEx Acct. No.

Shipper's Card No.

Exp. Date

Total Packages

Total Weight

Total Declared Value*

\$.00

*Our liability is limited to \$100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature

Sign to authorize delivery without obtaining signature

By signing you authorize us to deliver this shipment without obtaining a signature
and agree to indemnify and hold us harmless from any resulting claims.

447

SF#-Rev. Date 7/01 - Part #1572525 - ©1994-2001 FedEx - PRINTED IN U.S.A.

PASSPORT



United States
of America

000
5800

POSTAL MONEY ORDER

POST OFFICE

YEAR, MONTH DAY

SERIAL NUMBER

04308326008

995010

2002-08-28

0000352000

THIRTY-FIVE DOLLARS & 00/100 *****

NEGOTIABLE ONLY IN THE U.S. AND POSSESSIONS
SEE REVERSE WARNING

007
CLERK

FROM PHILLIP MUNDY

ADDRESS 441 W. 5TH AVE SUITE 500

ANCHORAGE, AK 99501

04308326008

000000000000

ED FOR

C.D. NO OR

ADDRESS

TO

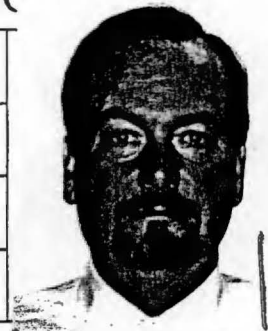
CONSULATE GENERAL of the P.R.C.

1450 LAGUNA ST

SAN FRANCISCO, CA 94115

签证申请表 VISA APPLICATION FORM

1. 中文姓名 Chinese Name (If any)		2. 曾用名 Former Name (If any)	
3. 外文姓名 Surname MUNDY Given name PHILLIP		4. 性别: 男 <input checked="" type="checkbox"/> 女 <input type="checkbox"/> Sex: M <input checked="" type="checkbox"/> F <input type="checkbox"/>	
5. 出生日期: 年 月 日 Date of birth: 1947 Year 11 Month 24 Day		6. 出生地 BIRMINGHAM, ALABAMA USA Place of birth	
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. 工作单位名称和地址 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 Home Address 1128 W. 11th AVE ANCHORAGE, AK 99501 USA		13. 电话 Home Tel. No. (907) 277-1240	
14. 护照种类: 普通 <input checked="" type="checkbox"/> 外交 <input type="checkbox"/> 公务 (官员) <input type="checkbox"/> 其它 <input type="checkbox"/> Passport type: Ordinary <input checked="" type="checkbox"/> Diplomat <input type="checkbox"/> Service (Official) <input type="checkbox"/> Others <input type="checkbox"/> 号码 有效日期 发照机关 NO. 301117973 Valid until 01 OCT 2011 Issued by UNITED STATES OF AMERICA			
15. 申请赴中国事由 Purpose of journey in China ATTEND PICES MEETING TOURISM (ORDINARY BUSINESS)			
16. 前往中国地点 Places to visit in China QINGDAO			
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 (If applicable)			
18. 拟入境次数 Number of entries <input checked="" type="checkbox"/> 一次 Single <input type="checkbox"/> 二次 Double <input type="checkbox"/> 多次 Multiple		19. 拟入境日期 Date of (each) entry to China (1) 02 Y / 10 M 18 D (2) 02 Y / 10 M 25 D	
20. 拟在中国停留期限 Duration of (each) stay in China 1. 7 day(s); 2. _____ day(s)			
21. 拟取证时间 Requested days of processing <input type="checkbox"/> Five working days <input type="checkbox"/> 72 hours rush <input type="checkbox"/> 48 hours express <input type="checkbox"/> 24 hours special express <input checked="" type="checkbox"/> Mail Service (Ten working days, no expedition)			
22. 是否申请过赴华签证 Have you ever applied for a Chinese visa before? 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/>			
23. 是否被拒绝过来华签证 Have you ever been declined for your Chinese visa application? 是 <input type="checkbox"/> 否 <input checked="" type="checkbox"/> 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 与申请人关系 Relationship to applicant			
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 Year 2002 Month 8 Day 29 Signature Phillip Mundy			



Please read "Notes" carefully on the back
请认真阅读背面的填表须知

请用大写字母填写
Please use block letters

Exxon Valdez Oil Spill Trustee Council

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MEMORANDUM

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

FROM: Molly McCann
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 4th.

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

TONY KNOWLES, GOVERNOR

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

August 23, 2002

RECEIVED

AUG 26 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: \$14,472,734
Account: State of Alaska
Exxon Valdez Settlement Account
GeFONSI 33070
Account 65040

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

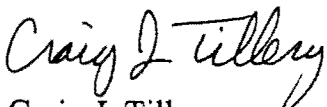
Natural Resource Damage Assessment Restoration Fund
14X5198 EVOS Exxon Valdez, Civil Settlement, FY03 Joint Funds

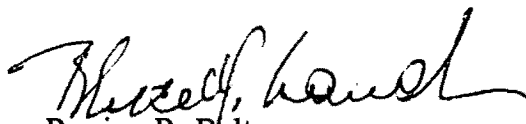
Beneficiary Reference

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 J. Tillery
Assistant Attorney General
State of Alaska


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

Exxon Valdez Oil Spill Trustee Council

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 4th 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 <http://www.oilspill.state.ak.us/gem/documents.html>.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly'. The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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

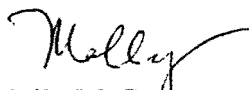
Dear Michele:

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,


Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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,

A handwritten signature in dark ink, appearing to read 'Molly' followed by a stylized surname.

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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,

A handwritten signature in cursive script, appearing to read 'Molly'.

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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.

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

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

Sincerely,

A handwritten signature in cursive script, appearing to read 'Molly'.

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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 <http://www.oilspill.state.ak.us/gem/documents.html>.

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

Sincerely,


Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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:

<u>Project No.</u>	<u>Project Title</u>	<u>Proposer</u>
030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	Dr. Robert Spies, Applied Marine Sciences

Thank you for your attention to this matter.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

cc: Carol Fries, ADNR Liaison

namedrec2.wpd

Exxon Valdez Oil Spill Trustee Council

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, ADNOR

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

FROM: Sandra Schubert *Sandra*
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 not 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 all annual reports (both GEM and Restoration) are to be submitted electronically, using the two-page form available on the Trustee Council's web page (<http://www.oilspill.state.ak.us/admin/index.html>), to katharine_miller@oilspill.state.ak.us. 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 not 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>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>	<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.

REPORTS TO BE REVIEWED UNDER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	<u>Project Title</u>	<u>Lead Agency & Proposer</u>	<u>Report Status</u>
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.

REPORTS TO BE REVIEWED UNDER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	<u>Project Title</u>	<u>Lead Agency & Proposer</u>	<u>Report Status</u>
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 UNDER GUIDANCE OF PHIL MUNDY FY 02 WORK PLAN

<u>Proj.No.</u>	<u>Project Title</u>	<u>Lead Agency & Proposer</u>	<u>Report Status</u>
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.

Exxon Valdez Oil Spill Trustee Council

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
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 Financial Report As of June 30, 2002
Category - Table 1

Category	92' Work Plan			93' Work Plan			94' Work Plan			95' Work Plan		
	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent 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%	1,991,807	1,570,900	78.87%	0	0	0.00%	0	0	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%
Category	96' Work Plan			97' Work Plan			98' Work Plan			99' Work Plan		
	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent 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	12,735,656	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%
Category	00' Work Plan			01' Work Plan			02' Work Plan					
	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated	Adjusted Authorization	Expended/Obligated	Percent Obligated
General Restoration	940,657	825,236	87.73%	1,006,560	961,872	95.56%	616,900	379,480	61.51%			
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:

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

RAFT

WORK PLAN AND ASSOCIATED PROJECTS										
Fiscal Year	Authorized	Adjustments	Adjusted Authorization	EVOS Expenditures	RSA Expenditures	Obligations	Unobligated Balance	EVOS Lapse	Federal Lapse	State Lapse
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	0	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 9/30/01 (Unreserved amount per audit minus unreported interest + lapse)								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	187,371
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 Adjustments (Through Court Request #45, Investment Fund Notice #1, & Court Notice #13)								26,222,814	8,605,989	17,616,825
Unallocated Lapse (1992 through 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/Symposium Receipts)								33,592	0	0
Total Available to Offset Future Court Requests								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 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).

Exxon Valdez Oil Spill								
For the Period Ending June 30, 2002								
Fiscal Year 2002 - Table 3								
Project Number	Project Description	Authorized	Adjusted	Adjusted Authorization	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	0	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	0	33,300	0	0	0	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

Exxon Valdez Oil Spill								
For the Period Ending June 30, 2002								
Fiscal Year 2002 - Table 3								
Project Number	Project Description	Authorized	Adjusted	Adjusted Authorization	A/o 6/30/02 Expenditures	A/o 6/30/02 Obligations	Expended/ Obligated	Unobligated Balance
02340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	77,800	0	77,800	32,092	43,440	75,532	2,268
02360	The Exxon Valdez Oil Spill: Guidance for Future 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
02401	Assessment of Spot Shrimp Abundance in Prince William Sound	25,500	0	25,500	10,700	0	10,700	14,800
02404	Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in 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
02423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	458,400	24,300	482,700	372,845	23,982	396,827	85,873
02441	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	20,200	0	20,200	7,168	12,384	19,552	648
02455	Gulf Ecosystem Monitoring & Research Program Data System	105,000	0	105,000	33,138	1,099	34,237	70,763
02462	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	77,400	0	77,400	56,787	6,844	63,631	13,769
02476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	39,800	0	39,800	32,100	0	32,100	7,700
02479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	55,000	0	55,000	5,174	0	5,174	49,826
02492	Were Pink Salmon Embryo Studies in Prince William 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
02538	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
02543	Evaluation of Oil Remaining in the Intertidal from the 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

Exxon Valdez Oil Spill								
For the Period Ending June 30, 2002								
Fiscal Year 2002 - Table 3								
Project Number	Project Description	Authorized	Adjusted	Adjusted Authorization	A/o 6/30/02 Expenditures	A/o 6/30/02 Obligations	Expended/ Obligated	Unobligated Balance
02552	Exchange Between Prince William Sound and the Gulf of Alaska	102,500	0	102,500	102,500	0	102,500	0
02556	Mapping the Physics and Physical Processes of Marine Habitats: The First Step in a Spatially Nested Monitoring Program	62,200	0	62,200	0	0	0	62,200
02558	Harbor Seal Recovery (includes bench fees)	292,300	0	292,300	165,617	1,016	166,633	125,667
02561	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM	54,300	0	54,300	13,678	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-Terrestrial 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
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	38,200	0	38,200	0	0	0	38,200
02619	Mapping Marine Habitats: Kodiak	70,000	0	70,000	0	0	0	70,000
02622	Digital ESI Maps: Cook Inlet/Kenai	36,600	0	36,600	0	0	0	36,600
02624	Ships of Opportunity: Plankton Survey	120,600	0	120,600	112,700	0	112,700	7,900
02630	Planning for Long-term Research and Monitoring 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
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	88,100	0	88,100	31,757	53,536	85,293	2,807
02656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	109,900	0	109,900	4,800	0	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
02671	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	34,800	0	34,800	19,125	724	19,849	14,951

Exxon Valdez Oil Spill								
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
02674	Continuing Decline of Pigeon Guillemots in the Oiled 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

Exxon Valdez Oil Spill Trustee Council

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 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	\$2,669,500
FY 03 Project 030126 Habitat Support Costs for Alaska Department of Natural Resources for Northern Afognak Island	\$37,700

Description	Amount
Shuyak land payment to Alaska Department of Natural Resources	\$11,805,734
Eyak land payment to US Forest Service	\$7,000,000
Cover the difference in value of the land to be exchanged with Old Harbor Native Corporation for Sitkalidak Island – Department of Natural Resources	\$41,000
Purchase of small parcel KAP 1087/Chokwak by US Fish and Wildlife Service	\$160,000
FY 02 Project 02126 Habitat Support Costs for Alaska Department of Natural Resources for unanticipated contractual costs	\$18,800
Total amount to be disbursed from the EVOS Investment Fund:	\$21,732,734
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 6th 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

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.

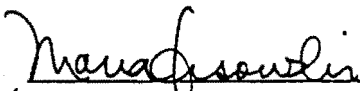
(vi) statement of compliance with the National Environmental Policy Act.

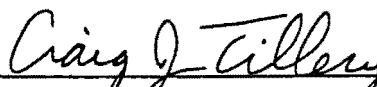
It is the intent of the Trustee Council that the above referenced conservation easement will provide that any facilities or other development on the foregoing small parcel shall be of limited impact and in keeping with the goals of restoration, that there shall be no commercial use except as may be consistent 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.

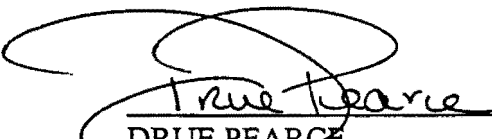
By unanimous consent, following written notice from the Executive Director that the terms and conditions set forth herein have been satisfied, we request the Alaska Department of Law and the Assistant Attorney General of the Environment and Natural Resources Division of the United States Department of 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.

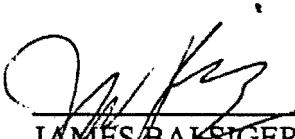
Such amount represents the only amount due under this resolution to the sellers by the State of Alaska to be funded from the joint settlement funds, and no additional amounts or interest are herein authorized to be paid to the sellers from such joint funds.

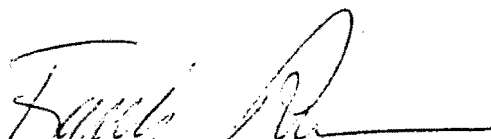
Approved by the Council at its meeting of July 9, 2002 held in Anchorage, Alaska, as affirmed by our signatures affixed below:



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


CRAIG TILLERY
Assistant Attorney General
State of Alaska


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


JAMES BALSIGER
Administrator, Alaska Region
National Marine Fisheries Service


FRANK RUE
Commissioner
Alaska Department of
Fish and Game


MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation

Attachment A - Restoration Benefits Report

Exxon Valdez Oil Spill Trustee Council

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:

<u>Parcel Number</u>	<u>Landowner</u>	<u>Purchase Price</u>
KAP 1087	James F. Chokwak, Sr.	\$160,000

Sandra Schubert for
Molly McCammon
Executive Director

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

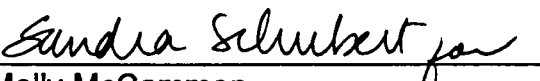
Exxon Valdez Oil Spill Trustee Council

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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.


Molly McCammon
Executive Director

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

Exxon Valdez Oil Spill Trustee Council

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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. 5th 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

DRAFT

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 for 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.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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

DRAFT

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 for 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.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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

DRAFT

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 for 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.

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

No 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. 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.

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

Public comment received from one individual in Anchorage.

Public 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

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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

MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation

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

**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*

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. 5th 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.

Public 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 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. Trustee Council Data Policy

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. Executive Session

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. Habitat Protection

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



MEMORANDUM

TO: Trustee Council

FROM: Molly McGarron
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
1 st	\$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
1 st	\$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 participates along with several other non-retirement funds 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:

$$\frac{\text{EVOS average month end MV for the quarter}}{\text{Total average month end MV, all funds}} \times \text{quarterly fee} = \text{EVOS share}$$

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)	¼ 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

Amount Invested		Cumulative Assets	Basis Point Fee
1 st	\$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
1 st	\$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 United States of America v. State of Alaska, 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 State of Alaska v. Exxon Corporation, et al., No. A91-083 CIV, and United States of America v. Exxon Corporation, et al., 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:

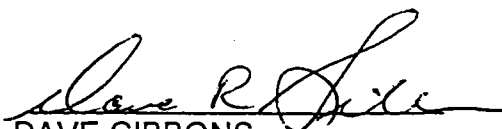
Alaska Department of Fish & Game	2,240,000
Alaska Department of Natural Resources	329,500
SUBTOTAL TO STATE OF ALASKA	\$2,569,500
U.S. Department of the Interior	687,300
National Oceanic & Atmospheric Administration	468,400
SUBTOTAL TO UNITED STATES OF AMERICA	\$1,155,700
TOTAL APPROVED	\$3,725,200

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

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.

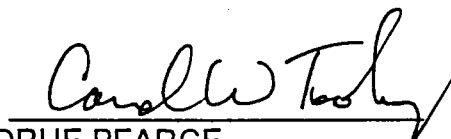
Approved by the Council at its meeting of August 6, 2002 held in Anchorage,
Alaska as affirmed by our signatures affixed below.



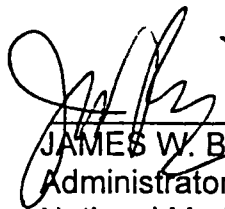
DAVE GIBBONS
Forest Supervisor
Forest Service Alaska Region
U.S. Department of Agriculture



CRAIG J. TILLERY
Assistant Attorney General
State of Alaska



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



FRANK RUE
Commissioner
Alaska Department of Fish and Game



MICHELE BROWN
Commissioner
Alaska Department of Environmental
Conservation

Attachments:

- A Funding Distribution
- B Executive Director's Recommendation

Attachment A Resolution 02-07
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
 2003 Federal Fiscal Year Project Budgets
 October 1, 2002 September 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	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

Dollar Amounts are shown in thousands of dollars
 Revised 8/13/02

Attachment A solution 02-07
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
 2003 Federal Fiscal Year Project Budgets
 October 1, 2002 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 Subtotal	629.9
DOI-O/S	ADFG, DOI-USGS		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
			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

Dollar Amounts are shown in thousands of dollars

R 8/13/02

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.
Oil Spill: Lingerin Injury					\$428.0	\$151.3	\$52.7	\$52.7
030190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 8th yr. 8 yr. project	\$54.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> 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.			<u>Chief Scientist's Recommendation</u> 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.			<u>Trustee Council Action</u> 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
<u>Project Abstract</u> This ongoing project provides data and sample archiving 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.			<u>Chief Scientist's Recommendation</u> This is a small project, but critical to tracking 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 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.			<u>Trustee Council Action</u> Fund contingent on submittal of overdue reports (00195, 01195, 01599) and manuscript (00598). This project provides the ongoing analysis and interpretation of hydrocarbon data for other Trustee Council funded studies.		

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT PREADSHEET)--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. project	\$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 heritable 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.

SPREA SHEET B: TRUSTEE COUNCIL ACTION (TEXT SHEET)--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 Recon.
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. project	\$121.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 prey 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 apparently still exposed to lingering oil. This is a 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 analysis of interstitial water samples.		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 sediments.				

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.
030594	Development of an Alaska Standard Species for Marine Toxicity Testing - The Alaska Green Urchin	R. Perkins/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will develop a standard marine toxicity testing procedure using cold water and an Alaska species. None of the standard test procedures required or recommended by the Environmental Protection Agency and other environmental regulators use cold-water test animals. Use of typical warm-water species to make decisions about Alaska conditions and species is unsatisfactory from a scientific standpoint, and this practice also interferes with public acceptance of the results. Decisions requiring toxicity testing include crude oil components and cleanup chemicals, such as dispersants and beach cleaners. This project proposes developing the Alaska green urchin as a test species. Tests of urchin fertilization and embryo development are sensitive indicators of toxicity.		The core tasks in this proposal have already been done and extensively published by Dinnel and his colleagues at the University of Washington during the 1980s. The project also has limited links to restoration. Do not fund.		Do not fund based on Chief Scientist's recommendation.				

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.
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. project	\$192.3	\$151.3	\$30.0	\$30.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 foraging activities to the contamination of the forage 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.		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 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 SHEET 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.
Oil Spill: Recovery Monitoring					\$340.8	\$25.0	\$18.2	\$0.0
030012	Photographic Monitoring of Resident Killer Whales	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 11th yr.	\$18.1	\$0.0	\$18.2	
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 species that is dependent on the integrity of the 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.				

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 William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 5th yr. 5 yr. project	\$0.0	\$25.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
In spring 2001, prevalence of <i>Ichthyophonus hoferi</i> (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in any year studied (1989-2000). <i>I. hoferi</i> causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, <i>I. hoferi</i> was not associated with unexpected declines in population biomass, but during the last century increases in <i>I. hoferi</i> prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 <i>I. hoferi</i> 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 importance, in addition to being a key component of 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 (<i>Ichthyophonus hoferi</i>). 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.		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 <i>Ichthyophonus 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 population.				
030558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 3rd yr. 3 yr. project	\$286.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.		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.]				

SPREA SHEET 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.
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. project	\$36.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</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 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.				

SPREA SHEET B: TRUSTEE COUNCIL ACTION (TEXT SHEET) PREADSHEET)--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.
Oil Spill: Ecosystem Recovery & Function					\$216.6	\$148.9	\$0.0	\$0.0
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. project	\$216.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
Sea otters and harlequin ducks have not fully recovered from the oil spill, based on population-level demographic differences between oiled and unoled areas. Further, in 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. 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.		This is a high quality project that has made outstanding contributions to the EVOS Nearshore Vertebrate Predator (NVP) program (Project 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 challenging). Fund closeout of sea otter component as proposed; fund an additional year of harlequin field work/data collection in order to determine if there is a link between P4501A exposure and survival of individual female harlequin ducks.		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 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.				

SPREA SHEET 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.
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. project	\$0.0	\$148.9	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 <i>Protothaca staminea</i> 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 SHEET B: TRUSTEE COUNCIL ACTION (TEX 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-Habitat Linkage: Synthesis					\$254.5	\$0.0	\$214.3	\$184.8
G- 030600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	R. Spies/EVOS Chief Scientist, et al	ADNR	Cont'd 2nd yr. 3 yr. project	\$215.9	\$0.0	\$184.8	\$184.8
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 has matured and what future path will help us better understand this valuable marine ecosystem. The book will be a major product of the EVOS restoration program and help set the foundation for GEM.		Proposal will not be reviewed by Chief Scientist. Two independent reviews have been conducted.		Fund. This project will integrate what has been learned from more than a decade's worth of science following the oil spill. Such a synthesis will fulfill at least two purposes: (a) inform the public about the EVOS legacy in a scientifically rigorous yet readable volume and (b) provide a foundation for GEM. A detailed outline for the synthesis will be completed shortly and will be supplied to the Trustee Council for comment. In addition, the principal investigator should work closely with the Trustee Council Office in designing the multimedia presentation to ensure that it will be a useful tool for Council staff in communicating the results of the restoration program to the public and others.				
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. project	\$13.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize existing data to create a comprehensive Geographic Information Systems (GIS) map and database of monitoring sites across the Gulf of 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 database will be useful in meeting GEM objectives. 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).		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.				

SPREAL SHEET 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	J4 Request	FY 04 Recom.
G- 030625	Prince William Sound Isotope Ecology Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 1 yr. project	\$25.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will provide a 'big picture' synthesis of the present structure of the pelagic ecosystem of Prince William Sound through preparation of a scientific paper with tentative title: "A stable isotope based trophic structure of the pelagic community of Prince William Sound, Alaska". The documentation of a 'before picture' will be useful because the recently documented regional change in species composition is likely to alter pelagic trophic structure during GEM.		The proposed synthesis could be a worthwhile product, and the principal investigator is certainly the most knowledgeable individual to prepare this synthesis. Fund revised proposal, which reduces the cost of the project to a more appropriate level.		Fund revised proposal, which reduces the project's scope and budget as directed by the Chief Scientist. This project will prepare a synthesis manuscript on the pelagic ecosystem of Prince William Sound, using stable isotope ratio data from biota samples collected and analyzed by the principal investigator under previous EVOS projects (Project 98320/Sound Ecosystem Assessment; Project 01393/Prince William Sound Food Webs: Structure and Change).				
G- 030631	Top-Down Process Synthesis	T. Kline/PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$29.5	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will synthesize information that suggests ontogenetic increases of the trophic position of the walleye pollock such that they contribute to top-down processes when >600mm in length, using stable isotope 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 questions it poses. The potential contribution to 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 walleye 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.				

SPREA . IEET B: TRUSTEE COUNCIL ACTION (TEX . . 'READSHEET)--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 Cross-Habitat Linkage: Community Involvement					\$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
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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 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.

Chief Scientist's Recommendation

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

Fund interim amount--\$30,100 for Resource Program Planner first quarter 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.

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXT PREADSHEET)--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- 030210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 8th yr.	\$98.6	\$0.0	\$85.6	

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.

Chief Scientist's Recommendation

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.

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- 030561	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM	D. Roseneau/USFWS	DOI	Cont'd 2nd yr. 2 yr. project	\$17.0	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will close out Project 02561, which is evaluating the feasibility of developing a community-based forage fish sampling project for GEM. The work in FY 03 will consist of compiling and analyzing information collected during FY 02, and writing a final report.		The concept of this project--community-based sampling of predator fish to monitor their prey (forage fish)--is scientifically sound and economically viable. It addresses GEM's objective of community involvement with potential to contribute to several aspects of long-term monitoring. This project will produce a useful plan for the Kachemak Bay-lower Cook Inlet region and Prince William Sound. Fund.		Fund closeout of this project, which is visiting spill-area communities to explore involving local residents in long-term forage fish monitoring studies. This effort builds on work successfully begun under APEX (Alaska Predator Ecosystem Experiment, Project 99163). It will 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 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.				
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. project	\$109.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 case-study review of other similar programs, undertake a regional capacity assessment, identify issues and indicators from Chugach Regional Resource Commission's Tribal Natural Resource Plans, and identify new approaches to link western science and local ecological knowledge. These deliverables will address a very important aspect of the GEM program. Despite some problems (lack of detail and clarity in portions of the proposal), this is a good proposal. Fund.		Fund, with authorization of funds for Phase II (development of framework document and development of possible pilot projects; \$57,800) contingent on satisfactory completion of Phase I (community monitoring capacity assessment, literature review, and planning; \$51,800). This project addresses the Trustee Council's interest in a strong and meaningful role for community involvement/community monitoring in GEM. It will build on some of the efforts funded in earlier years under Project /052 (Community Involvement/Traditional Knowledge/Tribal Stewardship) but with (a) a different emphasis--development of a regionwide community monitoring plan as opposed to development of specific tribes' stewardship capacity and (b) a broader focus --Project /052 has been limited to tribes only; this project will include non-tribal community groups and add Homer and Cordova to the list of participating communities.				

SPREAD SHEET 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- 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

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.

Chief Scientist's Recommendation

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

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.

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	J4 Request	FY 04 Recom.
G- 030636	Management Applications: Commercial Fishing	K. Adams, R. Mullins/Cordova	NOAA	Cont'd 2nd yr. 2 yr. project	\$50.9	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 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 well-documented outcomes and setting up an office 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.		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 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.				

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TE) 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: Watershed Habitat					\$115.1	\$0.0	\$26.6	\$26.6
G- 030596	Securing Flow Data for a Lower Kenai Peninsula Salmon Stream	J. Cooper/Cook Inlet Keeper	ADFG	New 1st yr. 1 yr. project	\$22.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
<p>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.</p>		<p>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 runoff in the Ninilchik River--that is expected to be useful in understanding differences in natural forcing. Fund, lower priority.</p>		<p>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.</p>				

SPREA SHEET 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- 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. project	\$92.5	\$0.0	\$26.6	\$26.6
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project is reconstructing changes in sockeye salmon abundance over the last 5,000 years using the ¹⁵ 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 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. The project is being executed with the highest scientific standards. Fund, including the proposed addition of three other Kenai Peninsula lakes.		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.				
GEM: Intertidal/Subtidal Habitat					\$93.0	\$0.0	\$0.0	\$0.0
G- 030584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	ADFG	Cont'd 2nd yr. 2 yr. project	\$39.3	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This is the year-two completion of a project initiated in FY 02. The main objective is an evaluation of airborne remote sensing tools for GEM ecological interpretation of the data collected. The instrument package consists of (a) a pulsed lidar to map subsurface features to a maximum of 50 m, (b) an infrared radiometer to map Sea Surface Temperature (SST) day, (c) two three-chip digital video systems to map ocean color (chlorophyll), birds, mammals, surface fish schools, and ocean frontal structure, and (d) an infrared digital video to map birds and mammals at night. Shipboard and buoy data will be used for validation and interpretation of remotely sensed data.		Monitoring forage fish abundance is a challenge for the GEM program. This is a highly innovative project to do such monitoring, and is therefore more risky than others. However, it deserves support through the proposed development phase, as the pay-off of success would be great. Fund.		Fund closeout of this project, which is exploring airborne remote sensing instrumentation as a monitoring tool for GEM. This highly innovative project is working on a challenging question, which is how to effectively and efficiently monitor forage fish abundance under the GEM program. If the project is successful, the pay-off will be great.				

SPREA MEET B: TRUSTEE COUNCIL ACTION (TEXT PREADSHEET)--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.	DOI	Cont'd 2nd yr. 2 yr. project	\$53.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances 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 will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.		This pilot project has the potential to produce innovative data of great interest and relevance to 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 needed expertise to the project team. Fund.		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
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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.				

SPREA SHEET B: TRUSTEE COUNCIL ACTION (TEXT SHEET) PREADSHEET)--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: Offshore Habitat					\$18.1	\$0.0	\$0.0	\$0.0
G- 030614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	S. Okkonen/UAF	ADFG	Cont'd 2nd yr. 2 yr. project	\$18.1	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u> 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 fields along the tanker route between Valdez, Alaska and Long Beach, California.		<u>Chief Scientist's Recommendation</u> 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 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.		<u>Trustee Council Action</u> Fund closeout of this project (data analysis and preparation of final report/manuscript). In FY 02, this project installed a thermosalinograph and fluorometer on a crude oil tanker traveling between Valdez and Long Beach. Vessels of opportunity such as this are a cost-effective method that may be useful to GEM, and the data collected by this project on ocean conditions in Alaskan waters will be extremely useful to GEM.				
Data Management & Information Transfer					\$308.0	\$0.0		
G- 030455	GEM Data System	Trustee Council Office	ALL	Cont'd 2nd yr.	\$212.9	\$0.0		
<u>Project Abstract</u> This project supports the data management and information transfer system for GEM. Data collection, quality control and documentation, archiving, transfer, delivery, and presentation are critical components of GEM. Project funding will allow the GEM Data Systems 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.		<u>Chief Scientist's Recommendation</u> Data management will be a critical component of GEM.		<u>Trustee Council Action</u> 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.				

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- 030550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	ALL	Cont'd	\$95.1	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		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 support GEM needs to be better addressed. GEM's 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. 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					\$416.0	\$0.0		
G- 030250	Project Management	All Trustee Council Agencies	ALL	Cont'd	\$137.6	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		Fund. Project management helps provide accountability for the work plan process.				

SPREADSHEET B: TRUSTEE COUNCIL ACTION (TEXAS PREADSHEET)--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		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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 Science Organization), and support the Lingering Oil Effects Subcommittee and review process.		Proposal will not be reviewed by Chief Scientist.		Fund interim amount of \$278,400; additional funds may be necessary later in FY 03 for additional GEM planning activities and for some Scientific and Technical Advisory Committee (STAC) and subcommittee meetings that are not yet scheduled. This project is designed to ensure that the GEM program is implemented with a high degree of scientific integrity through establishment of an advisory committee of independent experts (the STAC), whose work will be supported by subcommittees composed of scientists, resource managers, and community members. The project will also support continued independent peer review of project proposals and reports, as well as the dissemination of research results at an annual meeting at which Council-funded scientists will present their findings to their peers and the public.				
Public Information/Administration					\$1,114.3	\$0.0		
030100	Public Information and Administration	All Trustee Council Agencies	ALL	Cont'd	\$1,114.3	\$0.0		
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Trustee Council Action</u>				
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.		Proposal not reviewed.		Fund. This project provides overall support for administration and implementation of the Trustee Council's programs.				

MEMORANDUM

Department of Natural Resources

State of Alaska

Office of the Commissioner

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

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

anticipated between now and September 30. DNR will need to purchase title insurance for Elliot, Iceicle 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.

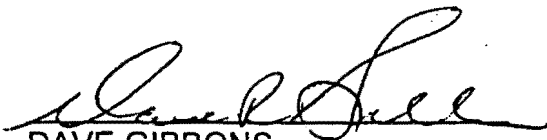
Should you have any additional questions or concerns, please do not hesitate to contact me at your earliest convenience. It would be beneficial if this matter could be addressed at the August 6 Trustee Council meeting. Thank you.

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 affirmed by our signatures affixed below:



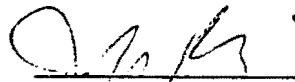
DAVE GIBBONS
Forest Supervisor
Forest Service Alaska Region
U.S. Department of Agriculture



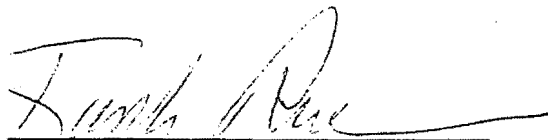
CRAIG TILLERY
Assistant Attorney General
State of Alaska



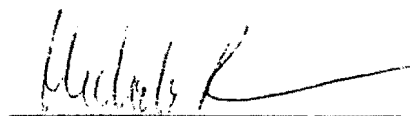
DRUE PEARCE
Senior Adviser
to the Secretary for Alaskan Affairs
U.S. Department of the Interior



JAMES BALSIGER
Administrator, Alaska Region
National Marine Fisheries Service



FRANK RUE
Commissioner
Alaska Department of
Fish and Game



MICHELE BROWN
Commissioner
Alaska Department of
Environmental Conservation


Exxon Valdez Oil Spill Trustee Council

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.


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.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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,

A handwritten signature in dark ink, appearing to read "Molly McCammon". The signature is fluid and cursive, with a small "for" written below the main name.

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

441 W. 5th 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
for

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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,

Sandie Schubert
for

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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
for

Molly McCammon
Executive Director

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