

13.08.01 Sept 98 (1 of 2)

## **13.08.01 – Reading File**

**September 1998**

# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

**TO:** Molly McCammon  
Executive Director

**FROM:** *Traci Cramer*  
Traci Cramer  
Administrative Officer

**DATE:** September 30, 1998

**RE:** Appropriation Summary

For your review, the following is a summary of Revised Programs that have been submitted to the Legislative Budget and Audit Committee. With the exception of two Revised Programs, the Legislative Budget and Audit Committee has recommended that the state take part in the proposed activities.

Revised Program Number	Purpose	Amount
RPL xx-2-xxxx (approved 6/15/92)	1992/1993 Work Plans	6,933.8
RPL 11-3-0297 (approved 1/8/93)	1992 Work Plan	278.5
RPL 18-3-9999 (approved 3/15/93)	1993 Work Plan	13,761.9
RPL 18-3-9999 (approved 3/15/93)	Kachemak Bay Acquisition	7,500.0
RPL 18-3-9998 (approved 6/22/93)	Alutiiq Museum	1,500.0
RPL 18-4-9990 (approved 9/17/93)	1994 Work Plan	1,000.0
RPL 18-4-9990 (approved 11/5/93)	1994 Work Plan	4,239.0
RPL 18-4-9991 (approved 11/5/93)	Seal Bay/Tonki Cap Acquisitions	39,925.0
RPL 18-4-9992 (approved 2/16/94)	1994 Work Plan	12,389.7
RPL 11-5-0051 (approved 9/26/94)	Coded Wire Tags	100.0
RPL 11-5-9990 (approved 9/26/94)	1995 Work Plan	7,141.0
RPL 11-5-9991 (approved 12/2/94)	1995 Work Plan	9,059.0
RPL 11-5-9992 (approved 3/9/95)	1995 Work Plan	470.6
RPL 11-5-9993 (approved 4/13/95)	1995 Work Plan	202.5
RPL 11-6-9990 (approved 9/28/95)	1996 Work Plan	12,653.6
RPL 11-6-9991 (approved 10/12/95)	SeaLife Center	24,956.0
RPL 10-6-4011 (approved 1/8/96)	Shuyak Island Acquisition	42,000.0
RPL 11-6-9992 (approved 2/7/96)	1996 Work Plan	2,231.1

RPL 18-7-0055 (approved 9/28/96)	Chenega Oiling/Sound Waste Mgt.	3,334.4
RPL 10-7-4030 (approved 11/7/96)	Lowell Point Acquisition	531.0
	Mansholt Acquisition	55.0
RPL 10-7-4038 (approved 1/13/97)	Ninilchik Acquisition	50.0
	Horseshoe Bay Acquisition	475.0
RPL 11-7-9990 (approved 11/7/96)	Fish Pass	545.6
RPL 11-8-5990 (approved 8/21/97)	SeaLife Center Equipment	724.0

The Legislative Budget and Audit Committee recommended that the state not initiate the following Revised Programs.

RPL10-8-4018	Mud Bay Acquisition	422.1
	Beluga Slough Acquisition	574.0
RPL 10-9-4022	Patson Acquisition	450.0



# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Molly McCammon

FROM: *Traci Cramer*  
Traci Cramer  
Administrative Officer

DATE: September 29, 1998

RE: Cash Flow Explanation

This explanation has been developed for the cash flow statement and supporting schedules dated September 29, 1998. Changes incorporated include the following.

1. The August 31, 1998 balance has been reconciled with the CRIS report.
2. The small parcel acquisition assumptions have been updated to reflect court action.
3. The down payment and the first payment for the Eyak acquisition have been moved from August to November.
4. The down payment and the first payment for the AJV acquisition have been moved from September to November.
5. The funding allocated for Implementation of the Kodiak Waste Management have been updated to reflect Trustee Council action.
6. The funding allocated for the Archeological Repository have been moved from September to January.
7. The funding allocated for the 1999 Work Plan and Associated projects have been updated to reflect Trustee Council action. In addition, the plan reflects distribution of the deferred projects in January.
8. The lapse/interest line includes all lapse reported by the agencies for Fiscal Year 1997 and prior year lapse yet to be reported to the court. Also included is lapse associated with the Abston acquisition and all unreported interest.

### Land Acquisition Down Payments

Down payments that are reflected for FFY 1998 include the following.

Eyak Corporation	\$7,000.0	Nov.
Afognak Joint Ventures	\$28,000.0	Nov.

## **Land Acquisition Payments**

The FFY 1998 land payments include the following.

### **Acquisitions Completed -**

Koniag, Incorporated	\$4,500.0	Sept.
Kodiak Island Borough (Shuyak)	\$4,000.0	Sept.
Tatitlek Corporation	\$10,570.9	Sept.

### **Acquisitions Pending -**

The FFY 1999 land payments include the following.

### **Acquisitions Completed -**

Kodiak Island Borough (Shuyak)	\$4,000.0	Sept.
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### **Acquisitions Pending -**

Kodiak Island Borough Tax Parcels	\$1,000.0	Oct.
KEN 12 Baycrest	\$500.0	Oct.
KAP 220 Ayakulik River	\$80.0	Oct.
KAP 226 Karluk River Lagoon	\$240.0	Oct.
Miscellaneous Small Parcels <sup>1</sup>	\$2,180.0	Oct.

Eyak Corporation	\$6,000.0	Nov.
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Eyak Corporation	\$14,000.0	Sept.
Afognak Joint Ventures	\$22,738.2	Sept.

The FFY 2000 land payments include the following.

### **Acquisitions Completed -**

Kodiak Island Borough (Shuyak)	\$4,000.0	Sept.
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### **Acquisitions Pending -**

Eyak Corporation	\$5,000.0	Sept.
Afognak Joint Ventures	\$22,738.2	Sept.

The FFY 2001 land payments include the following.

### **Acquisitions Completed -**

Kodiak Island Borough (Shuyak)	\$4,000.0	Sept.
Koniag, Incorporated	\$16,500.0	Sept.

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<sup>1</sup> Outstanding Small Parcels: Cooper \$48.0, Patson \$375.0, Termination Point \$1,800.0, Jack Pot Bay ?? and the Valdez Duck Flats ??.

DRAFT

EVOS Monthly Cash Flow Estimate  
Stated in Thousands

FFY 1998													
Beginning Balance	54,277.2	54,476.4	54,719.2	54,930.7	54,081.8	52,884.1	53,056.7	53,240.8	39,346.4	39,510.5	35,619.7	35,773.8	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												2,495.7	2,495.7
FY General Restoration-Monitor & Research				1,019.0								10,263.0	11,282.0
Habitat Protection Down Payments								3,000.0					3,000.0
Large Parcel Payments								11,150.0				19,070.9	30,220.9
Small Parcel Acquisitions					1,460.4					4,000.0			5,460.4
Habitat Protection Associated Costs				70.0								770.4	840.4
Special Projects												1,857.1	1,857.1
Restoration Reserve Contribution												12,600.0	12,600.0
CRIS Management Fees	16.1	19.7	17.2	19.5	21.3	14.0	14.9	20.7	13.3	8.9	12.5	18.6	196.6
Exxon Payment after Reimbursements												66,250.0	66,250.0
Gross Interest (estimate)	215.3	262.5	228.7	259.5	284.0	186.7	199.0	276.3	177.4	118.1	166.5	247.4	2,621.4
Interest/Lapse (estimate)												4,407.5	4,407.5
Ending Balance	54,476.4	54,719.2	54,930.7	54,081.8	52,884.1	53,056.7	53,240.8	39,346.4	39,510.5	35,619.7	35,773.8	59,603.0	
FFY 1999													
Beginning Balance	58,353.0	54,562.5	13,614.7	13,667.2	9,968.5	10,006.9	10,045.5	10,084.2	8,115.4	8,146.6	8,178.0	8,209.6	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												2,500.0	2,500.0
FY General Restoration-Monitor & Research				1,737.0								10,000.0	11,737.0
Habitat Protection Down Payments		35,000.0											35,000.0
Large Parcel Payments		6,000.0										40,738.2	46,738.2
Small Parcel Acquisitions	4,000.0												4,000.0
Habitat Protection Associated Costs												215.0	215.0
Special Projects				2,000.0				2,000.0					4,000.0
Restoration Reserve Contribution												12,600.0	12,600.0
CRIS Management Fees	17.0	4.2	4.3	3.1	3.1	3.1	3.1	2.5	2.5	2.5	2.6	2.8	51.0
Exxon Payment after Reimbursements												66,250.0	66,250.0
Gross Interest (estimate)	226.5	56.5	56.7	41.4	41.5	41.7	41.9	33.7	33.8	33.9	34.1	37.8	679.5
Interest/Lapse (estimate)												676.5	676.5
Ending Balance	54,562.5	13,614.7	13,667.2	9,968.5	10,006.9	10,045.5	10,084.2	8,115.4	8,146.6	8,178.0	8,209.6	9,117.8	

# DRAFT

## EVOS Monthly Cash Flow Estimate Stated in Thousands

<b>FFY 2000</b>													
Beginning Balance	7,867.8	7,898.1	7,928.6	7,959.1	7,989.8	8,020.6	8,051.5	8,082.5	8,113.7	8,145.0	8,176.4	8,207.9	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												1,500.0	1,500.0
FY General Restoration-Monitor & Research												8,000.0	8,000.0
Habitat Protection Down Payments													0.0
Large Parcel Payments												31,738.2	31,738.2
Small Parcel Acquisitions													0.0
Habitat Protection Associated Costs													0.0
Special Projects													0.0
Restoration Reserve Contribution												12,600.0	12,600.0
CRIS Management Fees	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	6.6	34.2
Exxon Payment after Reimbursements												66,250.0	66,250.0
Gross Interest (estimate)	32.8	32.9	33.0	33.2	33.3	33.4	33.5	33.7	33.8	33.9	34.1	88.6	456.2
Interest/Lapse (estimate)												635.8	635.8
Ending Balance	7,898.1	7,928.6	7,959.1	7,989.8	8,020.6	8,051.5	8,082.5	8,113.7	8,145.0	8,176.4	8,207.9	21,337.3	
<b>FFY 2001</b>													
Beginning Balance	20,087.3	8,118.5	8,149.8	8,181.2	8,212.8	8,244.4	8,276.2	8,308.1	8,340.1	8,372.2	8,404.5	8,436.9	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												1,500.0	1,500.0
FY General Restoration-Monitor & Research												6,000.0	6,000.0
Habitat Protection Down Payments													0.0
Large Parcel Payments												26,500.0	26,500.0
Small Parcel Acquisitions													0.0
Habitat Protection Associated Costs													0.0
Special Projects													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	12.9	41.2
Exxon Payment after Reimbursements												66,250.0	66,250.0
Gross Interest (estimate)	33.7	33.8	34.0	34.1	34.2	34.4	34.5	34.6	34.8	34.9	35.0	171.5	549.4
Interest/Lapse (estimate)												475.0	475.0
Ending Balance	8,118.5	8,149.8	8,181.2	8,212.8	8,244.4	8,276.2	8,308.1	8,340.1	8,372.2	8,404.5	8,436.9	41,320.5	



**DRAFT**  
EVOS Monthly Cash Flow Estimate  
Stated in Thousands

<b>FFY 2002</b>													
Beginning Balance	45,070.5	33,198.0	33,326.0	33,454.4	33,583.3	33,712.8	33,842.7	33,973.1	34,104.1	34,235.5	34,367.5	34,499.9	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.													0.0
FY General Restoration-Monitor & Research													0.0
Habitat Protection Down Payments													0.0
Large Parcel Payments												19,146.3	19,146.3
Small Parcel Acquisitions													0.0
Habitat Protection Associated Costs													0.0
Special Projects													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6	10.7	10.7	10.7	4.9	120.8
Exxon Payment													0.0
Gross Interest (estimate)	137.8	138.3	138.9	139.4	139.9	140.5	141.0	141.6	142.1	142.6	143.2	65.5	1,610.8
Interest/Lapse (estimate)												375.0	375.0
Ending Balance	33,198.0	33,326.0	33,454.4	33,583.3	33,712.8	33,842.7	33,973.1	34,104.1	34,235.5	34,367.5	34,499.9	15,789.3	
<b>FFY 2003</b>													
Beginning Balance	15,789.3												
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.													0.0
FY General Restoration-Monitor & Research													0.0
Habitat Protection Down Payments													0.0
Large Parcel Payments													0.0
Small Parcel Acquisitions													0.0
Habitat Protection Associated Costs													0.0
Special Projects													0.0
Restoration Reserve Contribution													0.0
CRIS Management Fees	6.6												6.6
Exxon Payment													0.0
Gross Interest (estimate)	65.8												65.8
Interest/Lapse (estimate)													0.0
Ending Balance	15,848.5												15,848.5

**Acquisitions Pending -**

Eyak Corporation	\$6,000.0	Sept.
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The FFY 2002 land payments include the following.

**Acquisitions Completed -**

Kodiak Island Borough (Shuyak)	\$11,805.7	Sept.
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**Acquisitions Pending -**

Eyak Corporation	\$7,000.0	Sept.
Afognak Joint Ventures (FFY 2008)	\$340.6	Sept.

Attachments

# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Louis Botsford is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

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

Molly McCammon  
Executive Director

mm/raw

**Federal Trustees**  
U.S. Department of the Interior  
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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Donald Dumond is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

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

Molly McCammon  
Executive Director

mm/raw

---

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Alaska Department of Law





# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Robert Fleischer is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

Molly McCammon  
Executive Director

mm/raw



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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Robert Garrott is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

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

Molly McCammon  
Executive Director

mm/raw

# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. John Gold is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

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

Molly McCammon  
Executive Director

mm/raw



# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Christopher Haney is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

Molly McCammon  
Executive Director

mm/raw



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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. James Harvey is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Mr. Joe Huber is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

Molly McCammon  
Executive Director

mm/raw



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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Philip Mundy is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

Molly McCammon  
Executive Director

mm/raw



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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. William Percy is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

Molly McCammon  
Executive Director

mm/raw



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Alaska Department of Law



# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Charles (Pete) Peterson is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,

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

Molly McCammon  
Executive Director

mm/raw



# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. George Rose is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:



Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,



Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Polly Wheeler is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

She will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,



Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

To Whom It May Concern:

Please be advised that Dr. Andrew Gunther is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until September 30, 1999. Any questions relating to this matter should be directed to:

Executive Director  
Exxon Valdez Oil Spill Trustee Council  
Restoration Office  
645 G Street Suite 401  
Anchorage AK 99501-3451  
(907) 278-8012

Thank you for your cooperation.

Sincerely,



Molly McCammon  
Executive Director

mm/raw

---

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APPLIED  
*marine*  
SCIENCES

---

*fax*

**DATE:** 9/22/98

**TO:** Rebecca Williams, CACI

**FAX #:** (907) 276-7178

**FROM:** Susanna L. Chase *SLC*

**FAX #:** (925) 373-7834

**PHONE #:** (925) 373-7142

**MESSAGE:**

Rebecca - Please issue Travel Letters with an expiration date of September 30, 1999, for the following Peer Reviewers.

Please send the letters directly to our office so that we can distribute after making a copy for our files.

Thank you for your help with this matter.

---

2155 Las Positas Court, Suite S  
Livermore, CA 94550  
(510) 373-7142 - phone  
(510) 373-7834 - fax

No. of Pages 2

✓ Dr. Louis Botsford  
University of California  
Department of Wildlife, Fish &  
Conservation Biology  
Davis, CA 95616

✓ Dr. Donald Dumond  
Department of Anthropology  
254 Condon Hall  
University of Oregon  
Eugene, Oregon 97403

✓ Dr. Robert Fleischer  
National Zoological park  
Smithsonian Institution  
3001 Connecticut Ave. NW  
Washington, D.C. 20008

✓ Dr. Robert Garrott  
1310 South Rouse  
Bozeman, MT 59715

✓ Dr. John Gold  
Texas A&M University  
Department of Wildlife & Fisheries Sciences  
Room 210  
Nagle Hall  
College Station, TX 77843-2258

✓ Dr. Christopher J. Haney  
5902 Mt. Eagle Drive  
Apt. #216  
Alexandria, VA 22303

✓ Dr. James Harvey  
Asst. Prof. of Marine Sciences  
Moss Landing Marine Laboratory  
P.O. Box 450  
Moss Landing, CA 95039

Mr. Joe Huber  
P.O. Box 96  
Atlantic, N.C. 28511

✓ Dr. Philip Mundy  
1015 Sher Lane  
Lake Oswego, OR 97034-1744

Dr. William Pearcy  
Oregon State University  
Department of Oceanography  
Corvallis, OR 97331

✓ Dr. Charles (Pete) Peterson  
Institute of Marine Science  
University of North Carolina, Chapel Hill  
Moorehead City, NC 28557

✓ Dr. George Rose  
Senior Chair In Fisheries Conservation  
Fisheries and Marine Institute  
Memorial University of Newfoundland  
St. John's NF, A1C 5R3  
CANADA

✓ Dr. Polly Wheeler  
995 High Grade Way  
Fairbanks, AK 99712

✓ Dr. Andrew Gunther  
AMS

✓ Dr. Robert Spies  
AMS

*Paul Thompson*  
*Milo Adkinson*



# Exxon Valdez Oil Spill Trustee Council

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



September 25, 1998

Mr. Greg Spears  
Egan Civic and Convention Center  
555 West Fifth Avenue  
Anchorage, Alaska 99501

Dear Mr. Spears:

Thanks for the recent reminder. Indeed, the Trustee Council symposium in March 1999 is right around the corner.

On the basis of the response to our Call for Papers, we have prepared a draft program agenda that accounts for four full days of presentations, March 23-26, with March 27 for take down and off-site field trips. Our planning to this point suggests that we may be able to vacate the Egan Center a bit earlier than initially anticipated (i.e., sometime mid-day on March 27). We are working to determine more precisely what may be possible in this regard. A copy of the working draft program is attached for your reference.

Now that we have a significantly more detailed understanding of our event requirements, the program committee would like to visit the Egan Center again in the near future. If possible, we would like to come by during the week of October 5-9.

Tami Yockey, here in the Restoration Office, will call in the near future to see what can be worked out in terms of your schedule. Thanks for your continuing assistance.

Sincerely,

Eric F. Myers  
Director of Operations

enclosure

cc: Stan Senner  
Tami Yockey

---

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Tuesday, March 23, 1999			
7:30 AM	Registration		
8:45 AM	Welcome and Introduction		
9:00 - 12:00 PM	Addresses by Public Officials and Trustees		
	Status of Injury and Recovery		
	Restoration Program Overview		
12:00 - 1:30 PM	Lunch (available at Egan Center)		
12:30 PM	Keynote Speaker: Dr. Jane Lubchenco		
1:30 - 5:00 PM	Human Dimensions		
	Response and Prevention		
	Future of the Restoration Program		
5:30 - 7:00 PM	Trustee Council Reception		
Wednesday, March 24, 1999			
Session 1		Session 2	
8:00 AM	Registration		
8:30 AM	Population and Recovery Status	8:30 AM	Oceanography, Carrying Capacity & Long-Term Monitoring
		10:20 AM	Food Chain Effects
12:00-1:10 PM	Lunch (on your own)		
1:10 PM	Population and Recovery Status (Con't.)	1:10 PM	Sound Ecosystem Assessment (SEA) Project
2:30 PM	Direct Restoration, Supplementation and Enhancement		
5:45 - 7:00 PM	Reception and Poster Session		
Thursday, March 25, 1999			
8:00 AM	Registration		
8:30 AM	Subsistence, Communities and Human Dimensions	8:30 AM	Fate, Transport and Monitoring Oil
		11:00 AM	Salmon, Herring and Toxicity of Oil
12:00 - 1:10 PM	Lunch (on your own)		
1:10 PM	Subsistence, Communities & Human Dimensions (Con't.)	1:10 PM	Salmon, Herring and Toxicity of Oil (Con't.)
2:50 PM	Intertidal and Subtidal Effects and Recovery	1:50 PM	Nearshore Vertebrate Predator (NVP) Project
6:30 - 9:00 PM	Alaska Wildlife Response Center Reception (off site)		
Friday, March 26, 1999			
8:00 AM	Registration		
8:30 AM	Response, Prevention, and Treatment	8:30 AM	Nutrition, Physiology, and Disease
		11:20 AM	Alaska Predator Ecosystem Experiment (APEX) Project
12:00 - 1:10 PM	Lunch (on your own)		
1:10 PM	Response, Prevention & Treatment (Con't.)	1:10 PM	Alaska Predator Ecosystem Experiment (APEX) (Con't.)
4:30 PM	Summary and Concluding Remarks		
Saturday, March 27, 1999			
7:30 AM - 7:30 PM	Field Trip to the Alaska SeaLife Center and Gray Whale Tour, Seward		

**DRAFT**

# Exxon Valdez Oil Spill Trustee Council

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



September 23, 1998

Mr. E. Macaully 4th  
Box 131-B  
Ethan, Virginia 22719

Dear Mr. Macaully:

Thank you for your recent letter regarding the Trustee Council's habitat protection program and your interest in protecting habitat values in the Bering River region. As it appears you are aware, the lands in question are outside of the area oiled by the *Exxon Valdez* spill.

Under the terms of the court-approved settlement administered by the Trustee Council, funds must be used for the restoration of resources and services injured by the *Exxon Valdez* oil spill. The Trustee Council undertook an extensive public planning process over the course of several years to develop a *Restoration Plan* that was formally adopted in 1994. This process, which involved preparation of a full Environmental Impact Statement (EIS), included a geographic definition of the spill-impact region. A map of the spill impact area is enclosed for your reference.

Public involvement during development of the *Restoration Plan* generated an enormous volume of public comment. One of the issues posed for public consideration was whether restoration actions should take place in the spill area only or include areas outside the spill region. Approximately two-thirds of all those who commented on this issue favored limiting restoration actions to the spill area. Support for this view was even stronger among residents of the spill impacted region where three-quarters of those who commented indicated that they wanted to see restoration actions limited to the spill-area.

To this point, land purchase and protection agreements have been successfully negotiated with nearly all of the major spill area landowners as initially contemplated in 1994. Habitat protection efforts have been concluded with ten major land owners (Kachemak Bay, Akhiok-Kaguyak, Chenega, English Bay, Koniag, Old Harbor, Orca Narrows, Seal Bay/Tonki Cape, Shuyak Island, Tatitlek) and other efforts are progressing (AJV, Eyak, Koniag-Phase II). Only one Large Parcel habitat protection effort was halted after the land owner (Port Graham) declined to participate further. Assuming successful conclusion of present efforts under the Large Parcel program, it is projected that approximately 636,000 acres of land in the spill area will have been protected. This will provide enhanced protection to approximately 1,320 miles of coastline and 287 anadromous fish streams. In addition, under the Small Parcel program it is expected that more than \$20 million will be invested to protect

---

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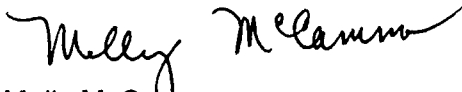
approximately fifty individual small parcels totaling more than 8,000 acres. Together, efforts under the two programs along with the associated support costs represent a commitment approaching \$400 million or substantially more than half of the settlement funds under the control of the Trustee Council.

In the *Restoration Plan* a formal policy was adopted regarding the location of restoration actions: "Restoration activities will occur primarily within the spill area. Limited restoration activities outside the spill area, but within Alaska, may be considered under the following conditions: when *the most effective restoration actions for an injured population* are in a part of its range outside the spill area; or when the information acquired from *research and monitoring activities* outside the spill area will be significant for restoration or understanding injuries within the spill area." (*Restoration Plan*, p. 14, emphasis added.)

A significant number of public comments have recently been received by the Trustee Council urging that the spill area boundaries be expanded to the east of Prince William Sound to encompass the entire Copper River/Bering River delta in order to allow purchase of habitat potentially threatened by development. This area is outside of the designated spill area and was not impacted by oiling from the spill. While the landowner (KADCO) of a portion of the subsurface estate in the vicinity of Carbon Mountain has indicated a willingness to sell those holdings, the surface estate owner (Chugach Alaska Corporation) which also has subsurface holdings in the area has repeatedly indicated firm opposition to having its lands considered for acquisition. As the primary government land management agency for this area, the U.S. Forest Service informally examined the KADCO proposal but was not able to identify a significant linkage between the restoration of injured resources in the spill area and the proposed purchase of KADCO's subsurface holdings.

Again, thank you for providing your comment. Please know that a copy of your letter will be provided to each of the Trustee Council members.

Sincerely,



Molly McCammon  
Executive Director

enclosure

cc: Jim Wolfe

# Exxon Valdez Oil Spill Trustee Council

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



September 23, 1998

Mr. Jim Yarbrough  
10829 Cozycroft Avenue  
Chatsworth, California 91311

Dear Mr. Yarbrough:

Thank you for your recent letter regarding the Trustee Council's habitat protection program and your interest in protecting habitat values in the Bering River region. As it appears you are aware, the lands in question are outside of the area oiled by the *Exxon Valdez* spill.

Under the terms of the court-approved settlement administered by the Trustee Council, funds must be used for the restoration of resources and services injured by the *Exxon Valdez* oil spill. The Trustee Council undertook an extensive public planning process over the course of several years to develop a *Restoration Plan* that was formally adopted in 1994. This process, which involved preparation of a full Environmental Impact Statement (EIS), included a geographic definition of the spill-impact region. A map of the spill impact area is enclosed for your reference.

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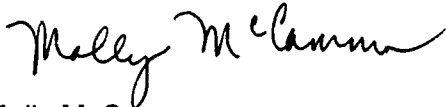
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Again, thank you for providing your comment. Please know that a copy of your letter will be provided to each of the Trustee Council members.

Sincerely,



Molly McCammon  
Executive Director

enclosure

cc: Jim Wolfe



# Exxon Valdez Oil Spill Trustee Council

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



September 23, 1998

Bradley G. Stevens, Ph.D.  
National Marine Fisheries Service  
Kodiak Laboratory  
P.O. Box 1638  
Kodiak, AK 99615

Dear Dr. Stevens:

Thank you for your letter of August 20 in regard to the possibility of establishing an oceanographic data buoy in Kodiak. I was glad to be able to participate in the opening of the Near Island Fisheries Research Center and enjoyed meeting you there.

The Trustee Council is actively exploring various uses of the Restoration Reserve, and application of at least some of these funds to marine research in the Gulf of Alaska is one of the possibilities under consideration. I will make your letter part of the record of public comments on uses of the Restoration Reserve.


Specifically in regard to the proposed Ocean Station Kodiak Alaska Region (OSKAR), there may be substantive merit to this idea, although this is something that would require careful evaluation by the Trustee Council's Chief Scientist and outside peer reviewers. A decision on funding something like an oceanographic buoy at Kodiak would be most appropriately made in the context of developing a larger program of strategic data gathering in the Gulf of Alaska, taking into account the geographic and scientific needs, priorities, and capabilities of existing agencies and institutions working in the Gulf of Alaska and the north Pacific Ocean (e.g., NOAA's Coastal Ocean Program through GLOBEC). The Restoration Office is not in a position to pursue development of such a program until the Trustee Council has given more guidance on uses of the Restoration Reserve; this should happen sometime this winter.

If the Trustee Council wants to foster the development of a long-term science program in the northern Gulf of Alaska, I will bear in mind your suggestion for establishing an oceanographic



buoy at Kodiak. In the meantime, I have passed copies of your letter on to the Trustee Council's Chief Scientist, Dr. Robert Spies, and to the National Marine Fisheries Service's *Exxon Valdez* oil spill restoration program liaison, Mr. Bruce Wright. Thank you again for writing me.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon". The signature is fluid and extends to the right with a long horizontal stroke.

Molly McCammon  
Executive Director

cc: Dr. Robert Spies  
Mr. Bruce Wright

National Marine Fisheries Service  
Kodiak Laboratory  
P.O. Box 1638  
Kodiak, AK 99615  
(907) 487-5961

Molly McCammon  
Executive Director  
Exxon Valdez Oil Spill Trustee Council Restoration Office  
645 G St. Suite 401  
Anchorage, AK 99501-3451

RECEIVED

AUG 24 1998

EXXON VALDEZ OIL SPILL  
TRUSTEE COUNCIL

August 20, 1998

Dear Ms. McCammon,

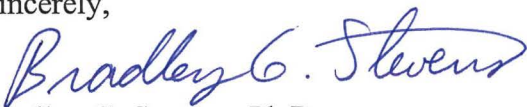
It was a pleasure to meet you at the recent opening of the Kodiak Fisheries Research Center. The KFRC is a long-awaited dream, and will become a focal point for marine research in the Gulf of Alaska. As you know, the GOA is an extremely productive ecosystem, contributing large amounts of seafood to the Alaskan economy, yet has received very little support for research. In the past we have had to compete with far larger fisheries in the Bering Sea, and the clamor for more research in Prince William Sound. Yet the GOA is a decidedly different ecosystem than PWS. For this reason, I strongly urge you to apply Restoration Reserve Funds for support of continued marine research on long-term conservation and management of GOA resources.

We now know that the GOA ecosystem undergoes multi-decadal fluctuations, which affect sea temperature, current patterns, productivity, and diversity. This has been demonstrated unequivocally by studies on the demersal and epibenthic communities of Pavlov Bay by Anderson et al.. Yet, due to a lack of long-term oceanographic information for the nearshore GOA, we do not understand how these changes occur, what oceanographic parameters are most critical for marine production, or how to predict oncoming changes. For these reasons, it will be difficult to determine the impacts or recovery rates of resources affected by events such as the EVOS, in the face of long-term change which we cannot document or understand. For instance, shrimp and other crustaceans apparently do not fare well in an oceanographic environment which produces abundant quantities of flatfish and gadids, yet we do not have a basic understanding of factors which affect recruitment of shrimp and crabs, due to lack of oceanographic information.

Research on the marine environment of the GOA will have benefits for years to come, by creating information useful to scientists around the world. One way to do this is by establishing an oceanographic data buoy in Kodiak, which we have designated OSKAR: Ocean Station Kodiak Alaska Region. The KFRC will offer the best location for housing the computer and support equipment associated with OSKAR. OSKAR would be the only such station on the continental shelf of the GOA, outside of PWS, and would provide information relevant to studies on all of the biota present in the GOA and coastal shelf ecosystem. A description of OSKAR is enclosed, although it has not yet been submitted to the EVOS Trustee Council for funding.

I strongly urge you, as director of the Restoration Office, to support research like OSKAR, through dedicated application of Restoration Reserve funds to marine research in the GOA.

Sincerely,

  
Bradley G. Stevens, Ph.D.

# **Project OSKAR**

## **Ocean Station - Kodiak, Alaska Region**

A Proposal for Funding

Dr. Bradley G. Stevens

National Marine Fisheries Service  
Kodiak Laboratory  
P.O. Box 1638  
Kodiak, AK 99615  
(907) 487-5961

July 1, 1998

## **1. PROJECT SUMMARY**

### Ocean Station - Kodiak, Alaska Region (OSKAR)

Despite the importance of the Gulf of Alaska as a center for fishing and other marine related activities, there has been no long term collection of oceanographic data in the nearshore coastal region. The nearest source of such data is the moored buoy GAK1, outside of Resurrection Bay. Major fluctuations in the marine environment over the last two decades (now termed the North Pacific Decadal Oscillation) are associated with abrupt declines of crab, shrimp and forage fish, and may also be associated with declines of birds and sea lions, yet the availability of corroborating oceanographic data for the Kodiak region is scarce. A 20-25 year time series of trawl survey data from the GOA (Anderson et al. 1997) illustrates these ecosystem changes, but year round temperature recordings were not available until the 1990's, and even now, they are only recoverable once yearly.

The Kodiak Fishery Research Center (KFRC), scheduled to open in October 1998, will house the National Marine Fisheries Service (NMFS) Kodiak Laboratory, and will bring Kodiak to the forefront of marine research in Alaska; adjacent facilities include the University of Alaska (UA) Fishery Industrial Technology Center, and the Alaska Dept. of Fish and Game (ADFG) Western Region headquarters. The development of this research center makes access to real-time local oceanographic data a necessity, and such data will become an integral focus of marine research in the Kodiak, Alaska region.

OSKAR, Ocean Station Kodiak Alaska Region, is designed to provide real-time data on the oceanographic conditions over the continental shelf near Kodiak. As such it will be the only data buoy on the West Coast of the US which is placed in a nearshore region of productive fisheries. The KFRC will provide a home for the equipment associated with OSKAR, such as the computers and telecommunications equipment necessary to provide real-time data access via the internet. The name OSKAR also honors the late Oscar Dyson, one of the pioneers of the Kodiak fishing industry.

## **2. PROJECT DESCRIPTION**

The project consists of two distinct units, (1) a moored oceanographic buoy array (OSKAR), and (2) associated laboratory and computer equipment.

### **A. Existing Facility**

The Kodiak Fisheries Research Center (KFRC) is under construction at this time, and is scheduled to open on 1 October 1998. Financed and built by the Kodiak Island Borough, KFRC is a new facility which will be jointly used by NMFS, the University of Alaska, ADFG, and the National Park Service. KFRC will contain 2500 square feet of wet laboratory as well as numerous other office and laboratory spaces. It will be adjacent to the UA Fishery Industrial Technology Center (FITC), and will be linked with FITC for communications and internet access. The KFRC, once completed will be used for many similar purposes, and will contain laboratories for use by students at the university and high-school level. These will include a large laboratory with running filtered and raw seawater (the first such facility in Kodiak), microscope/equipment labs, three controlled temperature rooms, an electron microscope lab, a scuba compressor station and dive

locker, a video analysis and editing lab, various preparation labs, as well as a complete scientific library and offices.

Currently, there is no source for real-time, long-term acquisition of oceanographic data in the nearby region. The nearest source of such data is the moored buoy array GAK1, operated by UA, located in the mouth of Prince William Sound. That location is approximately 450 km away, and does not represent the Kodiak region, on the outer continental shelf, because it is highly influenced by coastal and glacial runoff. The only current option available for collection of water temperature data are in-situ recorders which must be collected by scuba annually, so that the data is retrospective, and not available in real time, nor in water deeper than scuba depths (about 30 m).

## **B. Project Proposal: OSKAR - Ocean Station - Kodiak, Alaska Region.**

1. Purpose - The purpose of OSKAR is to provide real-time, long term, in-situ observations of oceanographic conditions over the continental shelf in the region of Kodiak, Alaska. The data will be made available to multiple users in real time to scientists and others around the world by internet access via WWW. Data will be used in local research on reproduction, recruitment and population dynamics of marine species. For example, long-term studies on reproduction and recruitment of crabs and fish in Chiniak Bay cannot be accomplished without real-time information on sea temperature and timing of the phytoplankton bloom. Long-term retrospective studies on the biodiversity of Pavlov Bay (Anderson et al. 1997) would have been, and continuation of this research will be, much more comprehensive with associated in-situ oceanographic data. Ultimately, the data would be used to create models for improved understanding of recruitment fluctuations in Gulf of Alaska marine organisms.
2. Data Management - Data from OSKAR would be sent via satellite or cell phone (depending on distance from shore) to a shoreside station at the new KFRC. There, the data would be stored in a database which could be accessed at any time via the internet. Since NMFS already has the computer and internet infrastructure to handle data acquisition and distribution, this represents a considerable leveraging of assets. NMFS staff would maintain the computer equipment and database integrity.
3. Structure - The station would consist of a moored array, anchored to the seabottom in approx 150-200 m of water, with a bouy at the surface. Attached to the array would be instruments for determination of:  
  
Temperature - Surface (5 m), midwater (50 m), and bottom (150-200 m)  
Chlorophyll - To estimate phytoplankton abundance, at 5 m.  
Currents - A doppler current meter will be placed at surface and bottom.

The surface bouy would contain instrumentation for power (photocells). Data would be transmitted either by satellite or cell phone to a shoreside computer, where it would be made available on the internet.

4. Benefits - Oceanographic data provided by OSKAR will be usable by local and distant scientists interested in oceanography and marine resources of the Gulf of Alaska. Initially, it will be used by NMFS scientistst studying reproduction of Tanner crabs (Chionoecetes bairdi), by ADFG scientists studying settlement patterns of red king crabs (Paralithodes camtschaticus), by UA scientists studying recruitment of pleuronectid fishes. It will also be used by students in Kodiak High School biology and fisheries classes, as well as by UA students, either in residence at Kodiak, or on the main campuses. Visiting scientists and students will have access to real-time oceanographic data for correlation with field studies, in-situ observations or collections. The data would facilitate new collaborations between personnel of NMFS, UA, ADFG, and other agencies for long-term research. It would allow comparisons of oceanographic events on the outer continental shelf to those observed and documented by GAK1, near Resurrection Bay, thus fostering larger scale research activities than are currently possible. The data will support complex research activities by multiple investigators concerning long-term, large-scale ecological changes and processes, which are necessary to understand the demographic shifts currently occurring in sensitive populations, such as endangered Steller sea lions in the Gulf of Alaska.
5. Placement of OSKAR - Tanner crabs aggregate into extremely high density aggregations during mating, and one mating site in Chiniak bay has been in continuous use for at least 7 years. For this reason, Chiniak bay is the logical first choice for placement of OSKAR. Studies of crab recruitment would be concentrated at this site, since the starting point for larval release is concentrated within a 0.25 km<sup>2</sup> area. A second choice site would be further out on the continental shelf where water conditions would be similar to those in Chiniak bay, perhaps in Marmot Bay, northeast of Kodiak.

#### **C. Accomplishments Of Principal Investigator, Dr. Bradley G. Stevens:**

In 1996, I spent a year on extended assignment in Japan, studying settlement behavior and substrate use by king crab postlarvae and juveniles, with Dr. Jiro Kittaka of Tokyo Science University (Stevens and Kittaka 1998). Since 1991, I have been Principal Investigator on a series of studies on the reproduction and behavioral ecology of Tanner crabs (Chionoecetes bairdi) using submersibles and ROV's (Stevens et al. 1993). In 1991 we discovered that Tanner crabs in deep water form high density aggregations during mating (Stevens et al. 1994). Subsequent work suggests that such aggregations consist almost exclusively of mature females (Stevens et al. 1996), and are associated with larval hatching events, which are triggered by oceanographic phenomena. We are also studying growth, molting and mating behavior of other shallow water crab species (Stevens et al. 1992; Haaga and Stevens 1996). We have recently completed several studies on the



impacts of handling on survival of crabs discarded during commercial fisheries (Stevens 1996, MacIntosh et al. 1996), and on the effects of fishwaste dumping on a benthic ecosystem, also using a submersible (Himelbloom and Stevens 1994; Stevens and Haaga 1994). Recent projects have involved a variety of in-situ equipment including side-scan sonar, a laser line-scanner, and underwater videography, as tools for observing crab behavior. Funding has been obtained from the National Undersea Research Program, the U.S. Army Corps of Engineers, and the National Geographic Society, as well as NMFS and ADFG.

### 3. Bibliography

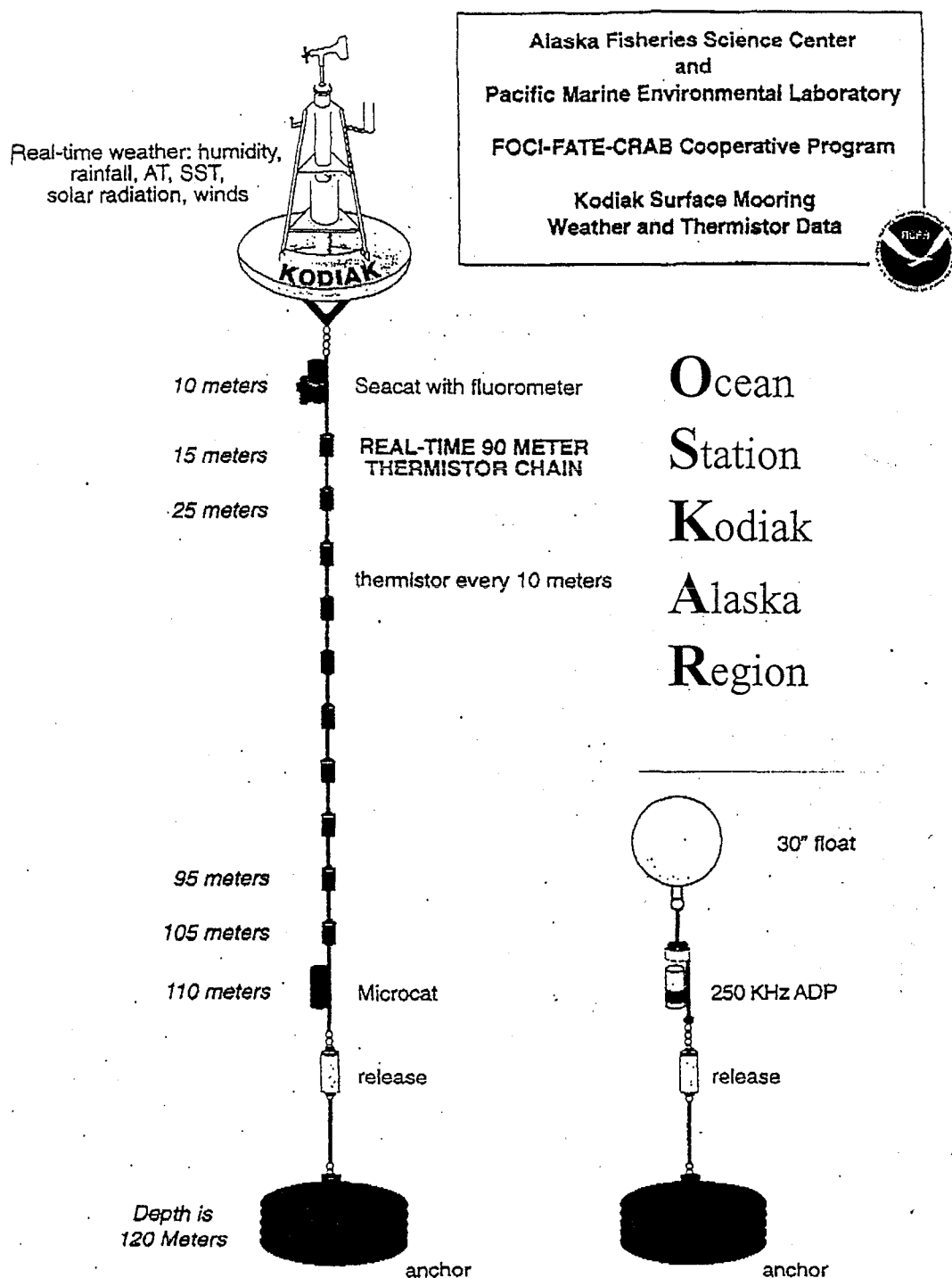
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### 4. BUDGET

Total Cost of the array could be in the range of \$100,000-150,000, and annual maintenance could cost from \$10,000 - 25,000. However, newer, cheaper alternatives are

available, and will be explored. Funding might come from a variety of sources, including EVOS, NSF, SK, NMFS, ADFG, GLOBEC, PMEL, and FATE2000.

## 5. Schematic diagram of OSKAR



# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Interested Parties

FROM: Eric F. Myers  
Director of Operations

DATE: September 23, 1998

SUBJECT: Cancellation of RFP for Network Migration

---

PLEASE NOTE: As a result of a review and determination by State of Alaska procurement officials it has been determined that the Request for Proposal (RFP) recently issued by the *Exxon Valdez* Oil Spill Restoration Office concerning services for a network migration project must be canceled and reissued.

The response to the RFP submitted by your firm is being returned to you. A new solicitation for services is being developed and will be issued under separate cover in the near future.

I sincerely regret any inconvenience this may cause. If you have questions concerning this matter, please contact me at 278-8012.

enclosure

Glenn Bunker  
Sales Manager  
MicroAge Advanced Information Services  
510 West Tudor - Suite 109  
Anchorage, Alaska 99503

James L Henry  
Area Direct Sales Manager-Alaska Market  
COMPUSA Technical Services  
601 East Dimond Blvd  
Anchorage, Alaska 99515

Ken Osterkamp  
Technical Account Manager  
Network Business Systems  
1577 C Street - Suite 205  
Anchorage, Alaska 99501

# Exxon Valdez Oil Spill Trustee Council

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## MEMORANDUM

**To:** Melanie Bosch  
Alaska Department of Fish & Game

**From:** Eric F. Myers *EFM*  
Director of Operations

**Date:** September 22, 1998

**Subject:** FY99 Ledger Codes for the Oil Spill Trustee Council

Please set up the following ledger codes under collocation code 11981600:

### 11991600 - Operations

Personal Services	\$683.4
Travel	46.3
Contractual	291.9
Commodities	18.0
Equipment	10.0
	<u>\$1,049.6</u>

11991602 - Status Report-Contractual	\$19.0
11991603 - Newsletter-Contractual	9.9
11991604 - Invitation-Contractual	5.5
11991605 - Final Work Plan-Contractual	1.8
11991606 - Draft Work Plan-Contractual	8.4
11991607 - Notebook Series-Contractual	2.5
11991609 - Annual Workshop-Contractual	18.0
11991610 - Radio Broadcasts/News Column Contractual	30.0
11991611 - Restoration Exhibits-Contractual	6.5
11991613 - NRDA Reports-Contractual	5.0

If you have any questions, please give me a call.

**cc:** Kim Garnero, ADF&G  
Traci Cramer, EVOS TC  
Tami Yockey, EVOS TC

EFM/ty



# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Claudia Slater / ADFG Liaison

FROM: Molly McCammon  
Executive Director

RE: Authorization: Project 99320 / Sound Ecosystem Assessment

DATE: September 22, 1998

With receipt in my office today of a matrix outlining which SEA objectives will be covered in the form of manuscripts and which will be covered in regular final report format, work is now authorized to proceed on Project 99320/Sound Ecosystem Assessment. The work must be performed consistent with the Detailed Project Description dated April 11, 1998 and the revised budget dated July 1998.

cc: Ted Cooney, SEA Lead Scientist  
Bruce Wright, NOAA Liaison  
Ken Holbrook, USFS Liaison

---

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## MEMORANDUM

TO: Claudia Slater / ADFG Liaison

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99127 / Tatitlek Coho Salmon Release

DATE: September 22, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99127/Tatitlek Coho Salmon Release. The work must be performed consistent with the Detailed Project Description dated April 14, 1998 and the revised budget dated May 8, 1998.

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## MEMORANDUM

TO: Don Schell, PI / UAF

FROM: Molly McCammon  
Executive Director

RE: Extension of Due Date: Final Report  
*Project 98170 / Isotope Ratio Studies of Marine Mammals in Prince William Sound Sound*

DATE: September 22, 1998

This memo is to confirm an extended due date of October 31, 1998 for the final report on Project 98170/Isotope Ratio Studies of Marine Mammals in Prince William Sound. I understand that this extension is needed to complete the analysis of whisker samples recently received from the Mystic Marinelife Aquarium.

cc: Celia Rozen, ADFG

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## MEMORANDUM

TO: Ken Holbrook / USFS Liaison

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99339 / Prince William Sound Human Use and Wildlife Disturbance Model

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99339/Prince William Sound Human Use and Wildlife Disturbance Model. The work must be performed consistent with the Detailed Project Description dated April 1, 1998 and the revised budget dated July 6, 1998.

cc: Carol Fries / ADNRL Liaison

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## MEMORANDUM

TO: Ken Holbrook / USFS

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99256B / Sockeye Salmon Stocking at Solf Lake

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99256B/Sockeye Salmon Stocking at Solf Lake. The work must be performed consistent with the Detailed Project Description and budget dated April 1998.

cc: Claudia Slater / ADFG Liaison



# Exxon Valdez Oil Spill Trustee Council

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## MEMORANDUM

TO: Ken Holbrook / USFS

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99043B / Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99043B/Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures. The work must be performed consistent with the Detailed Project Description dated April 6, 1998.

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# Exxon Valdez Oil Spill Trustee Council

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## MEMORANDUM

TO: Ken Holbrook / USFS

FROM: Molly McGarmon  
Executive Director

RE: Authorization -- Project 99145-CLO / Cutthroat Trout and Dolly Varden:  
Relation Among and Within Populations of Anadromous and Resident  
Forms

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99145-CLO/Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms. The work must be performed consistent with the Detailed Project Description dated April 1998 and the revised budget dated July 6, 1998.

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# Exxon Valdez Oil Spill Trustee Council

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## MEMORANDUM

TO: Ken Holbrook / USFS

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99346 / Publication of an Indexed Bibliography of the Genus Ammodytes (Sand Lance)

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99346/Publication of an Indexed Bibliography of the Genus Ammodytes (Sand Lance). The work must be performed consistent with the project description and budget.

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## MEMORANDUM

TO: Claudia Slater / ADFG

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99139A2 / Port Dick Creek Tributary Restoration and Development

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99139A2/Port Dick Creek Tributary Restoration and Development. The work must be performed consistent with the Detailed Project Description dated March 1998.

---

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# Exxon Valdez Oil Spill Trustee Council

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## MEMORANDUM

TO: Claudia Slater/ADFG

FROM: Molly McCammon  
Executive Director

RE: Authorization -- Project 99188-CLO / Otolith Thermal Mass Marking of  
Hatchery Reared Pink Salmon in Prince William Sound

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99188/Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon in Prince William Sound. The work must be performed consistent with the Detailed Project Description dated April 8, 1998 and the revised budget dated July 22, 1998.

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# Exxon Valdez Oil Spill Trustee Council

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## MEMORANDUM

TO: Claudia Slater/ADFG

FROM: Molly McCann  
Executive Director

RE: Authorization -- Project 99225 / Port Graham Pink Salmon Subsistence Project

DATE: September 21, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99225 / Port Graham Pink Salmon Subsistence Project. The work must be performed consistent with the Detailed Project Description dated April 14, 1998.

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# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Rod Parrish, Executive Director  
SETAC  
1010 North 12th Avenue  
Pensacola, FL 32501-3370

Dear Mr. Parrish:

I am writing in response to your request that the *Exxon Valdez Oil Spill Trustee Council* contribute \$9,000 to the publication of SETAC's book, *Evaluating and Communicating Subsistence Seafood Safety in a Cross-Cultural Context: Lessons Learned from the Exxon Valdez Oil Spill*. The content of the book is clearly relevant to the Trustee Council's restoration mission and, in fact, will include the results of some of the work funded by the Council. In addition, the publication is very timely, as it is scheduled to coincide with the 10th anniversary of the spill next spring and the symposium the Council is planning for that time.

However, the Trustee Council's funding policy requires independent peer review of study results prior to publication, whether in report, manuscript, or book form. Although your letter indicates that \$1,500 of the \$9,000 requested would pay for peer review, it is not clear who would conduct the peer review and whether the often lengthy process of peer review (which, in the Council's experience, typically requires rewrites and subsequent additional review) can be accommodated within the publication timeline. The number of papers to be included in the book suggests that peer review will be a time consuming task, particularly for the reviewers but also possibly for the authors who, in my understanding, have been anticipating internal review only.

I should point out that, because of other Trustee Council priorities, Dr. Bob Spies, the Council's Chief Scientist and the person who manages the Council's peer review process, would not be able to make the subsistence seafood safety book a priority between now and the 10th anniversary. The peer review could certainly be handled by other independent reviewers, but the Council would need to be satisfied that good reviewers were in place before endorsing the book through a commitment of funds.

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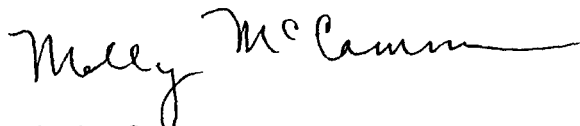
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I appreciate SETAC's efforts to produce a volume on the subsistence seafood aspect of the *Exxon Valdez* oil spill, and would be willing to consider your funding request further should you choose to put an external peer review process in place.

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 legible.

Molly McCammon  
Executive Director

cc: Alex Viteri, ADEC  
Dr. Bob Spies, Chief Scientist

# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Robert Henrichs  
Native Village of Eyak  
POB 1388  
Cordova, Alaska 99574

Dear ~~Mr. Henrichs~~ <sup>Bob</sup>:

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

The Trustee Council's efforts to apply TEK will continue in Fiscal Year 1999 (which begins October 1, 1998). Henry Huntington will continue to work on the Council's behalf through a contract with the Chugach Regional Resources Commission. Hugh Short will continue to coordinate the involvement of ten facilitators hired in communities throughout the spill region. A major change from the current year's effort, however, is that we have decided to let this work continue without the formal participation of the TEK Advisory Group.

Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Jim Fall  
Subsistence Division  
Alaska Department of Fish & Game  
Anchorage, Alaska 99518

*Jim*  
Dear Mr. Fall:

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

The Trustee Council's efforts to apply TEK will continue in Fiscal Year 1999 (which begins October 1, 1998). Henry Huntington will continue to work on the Council's behalf through a contract with the Chugach Regional Resources Commission. Hugh Short will continue to coordinate the involvement of ten facilitators hired in communities throughout the spill region. A major change from the current year's effort, however, is that we have decided to let this work continue without the formal participation of the TEK Advisory Group.

Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Walter Meganack, Jr.  
C/O Native Village of Port Graham  
Port Graham, Alaska 99603-5510

*Walter*  
Dear ~~Mr. Meganack~~

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

The Trustee Council's efforts to apply TEK will continue in Fiscal Year 1999 (which begins October 1, 1998). Henry Huntington will continue to work on the Council's behalf through a contract with the Chugach Regional Resources Commission. Hugh Short will continue to coordinate the involvement of ten facilitators hired in communities throughout the spill region. A major change from the current year's effort, however, is that we have decided to let this work continue without the formal participation of the TEK Advisory Group.

Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

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

Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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September 21, 1998

Kate Wynne  
Sea Grant Program  
University of Alaska - Fairbanks  
Fairbanks, Alaska 99615

Dear ~~Ms. Wynne:~~ <sup>Kate</sup>

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

The Trustee Council's efforts to apply TEK will continue in Fiscal Year 1999 (which begins October 1, 1998). Henry Huntington will continue to work on the Council's behalf through a contract with the Chugach Regional Resources Commission. Hugh Short will continue to coordinate the involvement of ten facilitators hired in communities throughout the spill region. A major change from the current year's effort, however, is that we have decided to let this work continue without the formal participation of the TEK Advisory Group.

Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

  
Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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September 21, 1998

Bruce Wright  
NOAA/NMFS  
11305 Glacier Highway  
Juneau, Alaska 99821

*Bruce*  
Dear Mr. ~~Wright~~:

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

The Trustee Council's efforts to apply TEK will continue in Fiscal Year 1999 (which begins October 1, 1998). Henry Huntington will continue to work on the Council's behalf through a contract with the Chugach Regional Resources Commission. Hugh Short will continue to coordinate the involvement of ten facilitators hired in communities throughout the spill region. A major change from the current year's effort, however, is that we have decided to let this work continue without the formal participation of the TEK Advisory Group.

Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

*Molly McCammon*

Molly McCammon  
Executive Director

mm/raw



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# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Maria Fernandez-Gimenez  
2421 West Marston Drive  
Anchorage, Alaska 99517

*Maria*  
Dear Ms. Fernandez-Gimenez:

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

The Trustee Council's efforts to apply TEK will continue in Fiscal Year 1999 (which begins October 1, 1998). Henry Huntington will continue to work on the Council's behalf through a contract with the Chugach Regional Resources Commission. Hugh Short will continue to coordinate the involvement of ten facilitators hired in communities throughout the spill region. A major change from the current year's effort, however, is that we have decided to let this work continue without the formal participation of the TEK Advisory Group.

Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

*Molly McCammon*

Molly McCammon  
Executive Director

mm/raw

---

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# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Patricia Cochran  
Executive Director  
Alaska Native Science Commission  
3211 Providence Drive, ADM 269  
Anchorage, Alaska 99508-8054

*Patricia*  
Dear Ms. Cochran:

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

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Thank you again for your service, and I hope that you will make yourself available on an ad hoc basis so that either Dr. Huntington or myself may feel free to call on your particular expertise in the future should the need arise.

Sincerely,

Molly McCammon  
Executive Director

mm/raw

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# Exxon Valdez Oil Spill Trustee Council

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



September 21, 1998

Don Callaway  
Subsistence Division  
National Parks Service  
2525 Gambell Road  
Anchorage, Alaska 99503

Dear ~~Mr. Callaway~~ <sup>Don</sup>:

I am taking this opportunity to thank you and the other members of the TEK Advisory Group for the assistance and guidance you have provided the Trustee Council in our effort to use traditional and local knowledge in the restoration process. Although progress has at times seemed slow, in looking back over the last two years I realize we now have many examples of positive, constructive interactions between EVOS scientists and local resource users as well as between resource agency managers and spill-area residents.

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Sincerely,

Molly McCammon  
Executive Director

mm/raw

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# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

**To:** The File

**From:** Molly McCammon  
Executive Director

**Date:** September 21, 1998

**Subj:** Meeting Expenditures

---

Pursuant to AM 35.150, the purchase of foodstuffs (sandwiches, salads, cookies, etc.) is authorized for the Council members and staff attending the September 29, 1998, Trustee Council meeting. The meeting is scheduled to run from 10am to 5pm, with a working lunch. Providing lunch will allow the meeting to continue without interruption. Cost for these items is not expected to be more than \$150.00.

This memorandum is provided as documentation of prior approval as required by regulation.

Per diem allowances will be adjusted as appropriate.

MM/ty



# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Trustee Council

THROUGH: Molly McCammon  
Executive Director

FROM:   
Traci Cramer  
Administrative Officer

DATE: September 21, 1998

RE: Financial Report as of August 31, 1998

Attached is the Statement of Revenue, Disbursements and Fees, and accompanying notes for the *Exxon Valdez* Joint Trust Fund for the period ending August 31, 1998.

The following is a summary of the information incorporated in the notes and contained on the statement.

Liquidity Account Balance	\$35,773,714	
Plus: Current Year Adjustments (Note 5)	19,194,339	
Plus: Other Adjustments (Note 6)	3,247,774	
Uncommitted Fund Balance		\$58,215,827
Plus: Future Exxon Payments (Note 1)	\$210,000,000	
Less: Remaining Reimbursements (Note 3)	11,250,000	
Less: Remaining Commitments (Note 7)	<u>40,305,734</u>	
Total Estimated Funds Available		\$216,660,093
Restoration Reserve (Note 8)		\$66,847,378

If you have any questions regarding the information provided please do not hesitate to give me a call at 586-7238.

Attachments

cc: Agency Liaisons  
Bob Baldauf

NOTES TO THE STATEMENT OF REVENUE, DISBURSEMENTS AND FEES  
FOR THE *EXXON VALDEZ* JOINT TRUST FUND  
As of August 31, 1998

1. Contributions - Pursuant to the agreement Exxon is to pay a total of \$900,000,000.

Received to Date	\$620,000,000
Current Year	\$70,000,000
Future Payments	\$210,000,000

2. Interest Income - In accordance with the MOA, the funds are deposited in the United States District Court, Court Registry Investment System (CRIS). All deposits with CRIS are maintained in United States government treasury securities with maturities of 100 days or less. Total earned since the last report is \$166,505.
3. Reimbursement of Past Costs - Under the terms of the agreement, the United States and the State are reimbursed for expenses associated with the spill. The remaining reimbursements represent that amount due the State of Alaska.
4. Fees - CRIS charges a fee of 7.5% for cash management services. Total paid since the last report is \$12,488.
5. Current Year Adjustments - Includes the current year payment (less reimbursements), the transfer of \$12,000,000 (plus interest of \$600,000) into the Restoration Reserve, \$15,386,200 for the 1999 Work Plan and Associated Projects and the following land payments.

<u>Seller</u>	<u>Amount</u>	<u>Due</u>
Koniag, Incorporated	\$4,500,000	September 1998
Shuyak	\$4,000,000	October 1998
Tatitlek	\$10,569,461	October 1998

6. Other Adjustments - Under terms of the Agreement, both interest earned on previous disbursements and prior years unobligated funding or lapse are deducted from future court requests. Unreported interest and lapse is summarized below.

	<u>Interest</u>	<u>Lapse</u>
United States	\$300,800	\$1,464,275
State of Alaska	\$1,166,391	\$316,307

7. Remaining Commitments - Includes the following land payments.

<u>Seller</u>	<u>Amount</u>	<u>Due</u>
Shuyak	\$12,000,000	October 1999 through 2001
Shuyak	\$11,805,734	October 2002
Koniag, Incorporated	\$16,500,000	September 2002

8. Restoration Reserve - Pursuant to Trustee Council action, the amount reported includes funds previously transferred, plus accrued interest less fees (\$54,247,378). Also included is the \$12,000,000 transfer approved for Fiscal Year 1998, plus \$600,000 in interest accrued since September 15, 1997, although the 1998 payment has not been formally transferred from the Liquidity Account to the Restoration Reserve.

**STATEMENT OF REVENUE, DISBURSEMENT, AND FEES**  
**EXXON VALDEZ OIL SPILL JOINT TRUST FUND**  
As of August 31, 1998

	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>To Date 1998</u>	<u>Cumulative Total</u>
<b>REVENUE:</b>					
Contributions: (Note 1)					
Contributions from Exxon Corporation	70,000,000	70,000,000	70,000,000	0	620,000,000
Less: Credit to Exxon Corporation for clean-up costs incurred					(39,913,688)
<b>Total Contributions</b>	<u>70,000,000</u>	<u>70,000,000</u>	<u>70,000,000</u>	<u>0</u>	<u>580,086,312</u>
Interest Income: (Note 2)					
Exxon Corporation escrow account					831,233
Joint Trust Fund Account	5,706,667	3,963,073	2,971,070	2,373,957	20,724,767
<b>Total Interest</b>	<u>5,706,667</u>	<u>3,963,073</u>	<u>2,971,070</u>	<u>2,373,957</u>	<u>21,556,000</u>
<b>Total Revenue</b>	<u>75,706,667</u>	<u>73,963,073</u>	<u>72,971,070</u>	<u>2,373,957</u>	<u>601,642,312</u>
<b>DISBURSEMENTS:</b>					
Reimbursement of Past Costs: (Note 3)					
State of Alaska		3,291,446	5,000,000	0	91,559,288
United States	2,697,000	0	0	0	69,812,045
<b>Total Reimbursements</b>	<u>2,697,000</u>	<u>3,291,446</u>	<u>5,000,000</u>	<u>0</u>	<u>161,371,333</u>
Disbursements from Liquidity Account:					
State of Alaska	41,969,669	43,340,950	17,846,130	1,639,900	174,431,228
United States	48,019,928	31,047,824	60,101,802	19,059,500	179,663,822
Transfer to the Restoration Reserve		35,996,231	12,449,552		48,445,783
<b>Total Disbursements</b>	<u>89,989,597</u>	<u>110,385,004</u>	<u>90,397,484</u>	<u>20,699,400</u>	<u>402,540,833</u>
<b>FEES:</b>					
U.S. Court Fees (Note 4)	586,857	396,307	254,221	178,047	1,956,432
<b>Total Disbursements and Fees</b>	<u>93,273,454</u>	<u>114,072,758</u>	<u>95,651,705</u>	<u>20,877,447</u>	<u>565,868,598</u>
<b>Increase (decrease) in Liquidity Account</b>	<u>(17,566,788)</u>	<u>(40,109,685)</u>	<u>(22,680,635)</u>	<u>(18,503,490)</u>	<u>35,773,714</u>
Liquidity Account Balance, beginning balance	134,634,311	117,067,523	76,957,839	54,277,204	
Liquidity Account Balance, end of period	117,067,523	76,957,839	54,277,204	35,773,714	
Current Year Adjustments: (Note 5)					19,194,339
Other Adjustments: (Note 6)					3,247,774
<b>Uncommitted Liquidity Account Balance</b>					<u>58,215,827</u>
Future Exxon Payments (Note 1)					210,000,000
Remaining Reimbursements (Note 3)					(11,250,000)
Remaining Commitments: (Note 7)					(40,305,734)
<b>Total Estimated Funds Available</b>					<u>216,660,093</u>
<b>Restoration Reserve</b>					<u>66,847,378</u>

**Statement 1**

**Statement of Exxon Valdez Settlement Funds  
As of August 31, 1998**

Beginning Balance of Settlement	900,000,000
---------------------------------	-------------

Receipts:

Interest Earned on Exxon Escrow Account	337,111
Net Interest Earned on Joint Trust Fund (Note 1)	18,768,335
Interest Earned on United States and State of Alaska Accounts	6,814,803

Total Interest	<u>25,920,249</u>
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Disbursements:

Reimbursements to United States and State of Alaska	161,371,333
Exxon clean up cost deduction	39,913,688
Joint Trust Fund deposits	419,546,212

Total Disbursements	<u>620,831,233</u>
---------------------	--------------------

Funds Available:

Exxon Future Payments	210,000,000
Current Year Payment	70,000,000
Balance in Liquidity Account	35,773,714
Future acquisition payments (Note 2)	(59,375,195)
Alaska Sealife Center	0
Remaining Reimbursements	(15,000,000)
Other (Note 3)	3,247,774

Total Estimated Funds Available	<u>244,646,293</u>
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Restoration Reserve	66,847,378
---------------------	------------

Note 1: Gross interest earned less District Court registry fees.

Note 2: Includes both current year and future year payments

Note 3: Adjustment for unreported interest earned and lapse

Footnote:

Included in the Total Estimated Funds Available is the \$12,000,000 (plus \$600,000 of accrued interest) payment to the Restoration Reserve for Fiscal Year 1998 and \$15,386,200 for the 1999 Work Plan and Associated Projects.

**Statement 2**  
**Cash Flow Statement**  
**Exxon Valdez Liquidity Account**  
**As of August 31, 1998**

Receipts:

Exxon payments

December 1991	36,837,111	
December 1992	56,586,312	
September 1993	68,382,835	
September 1994	58,728,400	
September 1995	67,303,000	
September 1996	66,708,554	
September 1997	65,000,000	

Total Deposits	419,546,212	419,546,212
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Interest Earned	20,724,767	
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Total Interest	20,724,767	20,724,767
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Total Receipts		440,270,979
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Disbursements:

Court Requests

Fiscal Year 1992	12,879,700	
Fiscal Year 1993	27,634,994	
Fiscal Year 1994	50,554,653	
Fiscal Year 1995	89,989,597	
Fiscal Year 1996	74,388,774	
Fiscal Year 1997	77,947,932	
Fiscal Year 1998	20,699,400	

Total Requests	354,095,050	354,095,050
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District Court Fees	1,956,432	1,956,432
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Transfer to the Restoration Reserve		48,445,783
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Total Disbursements		404,497,265
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Balance in Joint Trust Fund		35,773,714
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Footnote:

A total of \$48,445,783 has been disbursed from the Liquidity Account to the Restoration Reserve. Of the total, \$48,445,663 was used to purchase laddered securities. The remaining \$130 represents costs paid to the Federal Reserve Bank.

**Schedule of Payments from Exxon  
As of August 31, 1998**

Disbursements:	December 91	December 92	September 93	September 94	September 95	September 96	September 97	Total
Reimbursements:								
United States								
FFY92	24,726,280	0	0					24,726,280
FFY93	0	24,500,000	11,617,165					36,117,165
FFY94	0	0	0	6,271,600				6,271,600
FFY95	0	0	0		2,697,000			2,697,000
Total United States	24,726,280	24,500,000	11,617,165	6,271,600	2,697,000	0	0	69,812,045
State of Alaska								
General Fund:								
FFY92	25,313,756	0	0					25,313,756
FFY93	0	16,685,133	0					16,685,133
FFY94	0	0	14,762,703					14,762,703
FFY95	0	0	0	0				0
Mitigation Account:								
FFY92	3,954,086	0	0					3,954,086
FFY93	0	12,314,867	0					12,314,867
FFY94	0	0	5,237,297	5,000,000				10,237,297
FFY95 (Prevention Account)	0	0	0		0			0
FFY96 (Prevention Account)						3,291,446		3,291,446
FFY97 (Prevention Account)							5,000,000	5,000,000
Total State of Alaska	29,267,842	29,000,000	20,000,000	5,000,000	0	3,291,446	5,000,000	91,559,288
Total Reimbursements	53,994,122	53,500,000	31,617,165	11,271,600	2,697,000	3,291,446	5,000,000	161,371,333



Deposits to Joint Trust Fund

FFY92	36,837,111	0	0					36,837,111
FFY93	0	56,586,312	68,382,835					124,969,147
FFY94	0	0	0					0
FFY95	0	0	0	58,728,400	67,303,000			126,031,400
FFY96						66,708,554		66,708,554
FFY97							65,000,000	65,000,000

Total Deposits to Joint Trust Fund	36,837,111	56,586,312	68,382,835	58,728,400	67,303,000	66,708,554	65,000,000	419,546,212
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Exxon clean up cost deduction	0	39,913,688	0	0	0	0	0	39,913,688
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Total Payments	90,831,233	150,000,000	100,000,000	70,000,000	70,000,000	70,000,000	70,000,000	620,831,233
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Remaining Exxon payments to be made:

September 1998	70,000,000
September 1999	70,000,000
September 2000	70,000,000
September 2001	70,000,000
	<u>280,000,000</u>

The December 1991 payment includes interest accrued on the escrow account. The actual disbursements without interest was \$24.5 million to the United States, \$29 million to the State of Alaska and \$36.5 million to the Joint Trust Fund. The total interest earned on the escrow account was \$831,233 which was disbursed proportionately. This included \$226,280 to the United States, \$267,842 to the State of Alaska and \$337,111 to the Joint Trust Fund.

The September 1994 reimbursement to the United States included an over-payment of \$80,700 to NOAA. This over-payment is a direct result of final costs for damage assessment activities being lower than what was previously estimated. The funds were returned to the Joint Account by reducing the amount transferred to the United States in Court Request number 15.

**Schedule of Disbursements**  
**Exxon Valdez Liquidity Account**  
**As of August 31, 1998**

	United States	State of Alaska	Court Request Total	Court Fees	Disbursements Total
Court Request 1	6,320,500	6,559,200	12,879,700		
<b>Total Fiscal Year 1992</b>	<b>6,320,500</b>	<b>6,559,200</b>	<b>12,879,700</b>	<b>23,000</b>	<b>12,902,700</b>
Court Request 2	3,074,029	3,493,225	6,567,254		
Court Request 3	6,031,852	15,035,888	21,067,740		
<b>Total Fiscal Year 1993</b>	<b>9,105,881</b>	<b>18,529,113</b>	<b>27,634,994</b>	<b>154,000</b>	<b>27,788,994</b>
Court Request 4		29,950,000	29,950,000		
Court Request 5	2,516,069	2,227,856	4,743,925		
Court Request 6	1,407,818	12,211,164	13,618,982		
Court Request 7	2,084,500	157,246	2,241,746		
<b>Total Fiscal Year 1994</b>	<b>6,008,387</b>	<b>44,546,266</b>	<b>50,554,653</b>	<b>364,000</b>	<b>50,918,653</b>
Court Request 8	3,576,179	7,088,077	10,664,256		
Court Request 9		3,111,204	3,111,204		
Court Request 10	322,618	9,234,909	12,461,091		
Court Request 11	1,450,000		1,450,000		
Court Request 12	17,200,000		17,200,000		
Court Request 13	1,480,251	171,763	1,652,014		
Court Request 14	15,250,000		15,250,000		
Court Request 15	5,837,316	9,863,716	15,701,032		
Court Request 16		12,500,000	12,500,000		
<b>Total Fiscal Year 1995</b>	<b>48,019,928</b>	<b>41,969,669</b>	<b>89,989,597</b>	<b>586,857</b>	<b>90,576,454</b>
Court Request 17		3,294,667	3,294,667		
Court Request 18	8,000,000		8,000,000		
Court Request 19	3,222,224	1,968,898	5,191,122		
Restoration Reserve Transfer			35,996,231		
Court Request 20		8,000,000	8,000,000		
Court Request 21	1,007,000	5,520,500	6,527,500		
Court Request 22	18,818,600	24,556,885	43,375,485		
<b>Total Fiscal Year 1996</b>	<b>31,047,824</b>	<b>43,340,950</b>	<b>110,385,004</b>	<b>396,307</b>	<b>110,781,312</b>
Court Request 23	2,613,500	0	2,613,500		
Court Request 24	176,500	3,075,625	3,252,125		
Court Request 25	785,859	442,833	1,228,692		
Court Request 26	24,154,000	530,000	24,684,000		
Court Request 27	324,700	1,470,900	1,795,600		
Restoration Reserve Transfer			12,449,552		
Court Request 28	0	2,627,000	2,627,000		
Court Request 29	5,919,169	5,699,772	11,618,941		
Court Request 30	26,128,074	4,000,000	30,128,074		
<b>Total Fiscal Year 1997</b>	<b>60,101,802</b>	<b>17,846,130</b>	<b>90,397,484</b>	<b>254,221</b>	<b>90,651,705</b>
Court Request 31	445,200	643,800	1,089,000		
Court Request 32	464,300	996,100	1,460,400		
Court Request 33	14,150,000		14,150,000		
Court Request 34	4,000,000		4,000,000		
Court Request 35	pending	pending	0		
Restoration Reserve Transfer			0		
<b>Total Fiscal Year 1998</b>	<b>19,059,500</b>	<b>1,639,900</b>	<b>20,699,400</b>	<b>178,047</b>	<b>20,877,447</b>

Total	179,663,822	174,431,228	402,540,833	1,956,432	404,497,265
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<b>Exxon Valdez Liquidity Account</b>								
<b>Interest Earned/District Court Registry Fees</b>								
<b>As of August 31, 1998</b>								
	FFY 1992	FFY 1993	FFY 1994	FFY 1995	FFY 1996	FFY 1997	FFY 1998	Total
Earnings Deposits	17,683	31,124	33,476	55,809				138,092
								0
Earnings Allocated:								0
1991	28,704							28,704
1992	526,613	553,697						1,080,309
1993		639,180	1,461,736					2,100,915
1994			1,876,788	1,402,938				3,279,726
1995				3,661,063	1,202,209			4,863,272
1996					2,364,556	810,894		3,175,451
1997						1,905,955	653,461	2,559,416
1998							1,542,449	1,542,449
Total	555,317	1,192,876	3,338,524	5,064,001	3,566,766	2,716,849	2,195,910	18,630,243
Total Earnings	573,000	1,224,000	3,372,000	5,119,809	3,566,766	2,716,849	2,195,910	18,768,335
Registry Fees:								
1991	3,189							3,189
1992	19,811	100,223						120,034
1993		53,777	179,658					233,435
1994			184,342	180,072				364,414
1995				406,785	133,579			540,364
1996					262,729	90,099		352,828
1997						164,121	52,983	217,105
1998							125,063	125,063
Total	23,000	154,000	364,000	586,857	396,307	254,221	178,047	1,956,432
Gross Earnings	596,000	1,378,000	3,736,000	5,706,667	3,963,073	2,971,070	2,373,957	20,724,767

Schedule of Interest Earned on United States and State of Alaska Accounts			
As of August 31, 1998			
	State of Alaska	United States	
	EVOSS Account	NRDA& R	Total
October 1994	44,291		44,291
November 1994	63,286		63,286
December 1994	67,496	3,849	71,346
January 1995	89,341		89,341
February 1995	100,714		100,714
March 1995	104,570	17,033	121,603
April 1995	95,432		95,432
May 1995	92,595		92,595
June 1995	80,613	50,042	130,655
July 1995	76,424		76,424
August 1995	68,771		68,771
September 1995	59,945	44,826	104,771
October 1995	133,486		133,486
November 1995	154,119		154,119
December 1995	143,917	39,567	183,484
January 1996	134,300		134,300
February 1996	122,348		122,348
March 1996	132,469	64,381	196,850
April 1996	126,550		126,550
May 1996	136,732		136,732
June 1996	145,501	73,267	218,768
July 1996	128,195		128,195
August 1996	106,079		106,079
September 1996	110,890	29,042	139,933
October 1996	181,598		181,598
November 1996	162,806		162,806
December 1996	153,991	71,093	225,084
January 1997	147,934		147,934
February 1997	125,137		125,137
March 1997	131,457	24,374	155,831
April 1997	122,111		122,111
May 1997	114,954		114,954
June 1997	99,811	368,523	468,334
July 1997	221,906		221,906
August 1997	36,898		36,898
September 1997	159,695	38,289	197,984
October 1997	119,195		119,195
November 1997	49,120		49,120
December 1997	92,204	130,183	222,387
January 1998	120,038		120,038
February 1998	29,888		29,888
March 1998	59,202	76,715	135,917
April 1998	55,222		55,222
May 1998	59,406		59,406
June 1998	50,136	74,613	124,749
July 1998	39,376		39,376
August 1998	78,201		78,201
Total	5,523,438	1,291,365	6,814,803
NOTE: The \$117,178 NRDA&R interest figure is cumulative.			
Interest was earned for the period July 1992 through September 1994, but the specific amounts have been hidden to allow the spreadsheet to print on one page.			

**Schedule of Interest Adjustments to the Court Requests**

**As of August 31, 1998**

	October	November	December	January	February	March	April	May	June	July	August	Total	Unallocated
United States													
FFY92													2 Baldauf 12/6/96
FFY93			39,871						3,648			43,519	
FFY94			51,231						22,427			73,658	
FFY95	34,621		37,618			3,849					63,226	139,314	
FFY96				48,676				37,100		26,600	109,666	222,042	
FFY97			29,041								463,989	493,030	
FFY98										19,000		19,000	
<b>Total United States</b>												<b>990,565</b>	<b>300,800</b>
State of Alaska													
FFY92												0	
FFY93			80,775						35,012			115,787	
FFY94			64,944						239,090			304,034	
FFY95	52,823	117,838	44,291			320,837					449,634	985,423	
FFY96				262,202				300		289,400	934,433	1,486,335	
FFY97				398,567		275,700					782,501	1,456,768	
FFY98										8,700		8,700	
<b>Total State of Alaska</b>												<b>4,357,047</b>	<b>1,166,391</b>
<b>Total Adjustment</b>												<b>5,347,612</b>	<b>1,467,192</b>
Footnote: The unallocated interest is tied to the INT Acct. sheet.													



**Schedule of Lapse Adjustments to the Court Requests  
As of August 31, 1998**

	December 1993	June 1994	August 1995	August 1996	August 1997	Total
Disbursements:						
Court Requests						
United States						
FFY92						0
FFY93						0
FFY94		3,106,555				3,106,555
FFY95			220,858			220,858
FFY96				1,165,334		1,165,334
FFY97					1,102,442	1,102,442
FFY98						0
Total United States	0	3,106,555	220,858	1,165,334	1,102,442	5,595,189
State of Alaska						
FFY92						0
FFY93						0
FFY94	3,661,600					3,661,600
FFY95			2,376,950			2,376,950
FFY96				2,500,448		2,500,448
FFY97					3,549,927	3,549,927
FFY98						0
Total State of Alaska	3,661,600	0	2,376,950	2,500,448	3,549,927	12,088,925
Total Adjustment	3,661,600	3,106,555	2,597,808	3,665,782	4,652,369	17,684,114

# Schedule of Work Plan Authorizations and Other Authorizations

	FFY 92	FFY 93	FFY 94	FFY 95	FFY 96	FFY 97	FFY 98	FFY 99	Total
<b>Work Plan Authorizations</b>									
<b>United States:</b>									
June 15, 1992	6,320,500	0	0						
January 25, 1993	0	3,113,900	0						
January 25, 1993	0	6,035,500	0						
November 10, 1993	0	0	0						
November 30, 1993	0	0	2,567,300						
June 1994			4,536,800						
June 1994			84,500						
July 1994			1,500,000						
Carry Forward Authorization				463,500					
August 1994				2,110,800					
November 1994				2,514,200					
December 1994				749,600					
March 1995				1,484,100					
August 1995				(36,700)	6,238,800				
December 1995					3,270,900				
January 1996					150,000				
April 1996					478,000				
May 1996				21,900	15,200				
June 1996					23,000				
August 1996						7,923,700			
December 1996						310,900			
February 1997						0			
May 1997						0			
August 1997						85,000	7,263,600		
December 1997							445,200		
June 1998							(39,200)		
August 1998								5,397,700	
Total	6,320,500	9,149,400	8,688,600	7,307,400	10,175,900	8,319,600	7,669,600	5,397,700	63,028,700

**Schedule of Work Plan Authorizations and Other Authorizations**

	FFY 92	FFY 93	FFY 94	FFY 95	FFY 96	FFY 97	FFY 98	FFY 99	Total
<b>Work Plan Authorizations</b>									
<b>State of Alaska</b>									
June 15, 1992	6,559,200	0	0						
January 25, 1993	0	3,574,000	0						
January 25, 1993	0	7,570,900	0						
November 30, 1993	0	0	4,454,400						
June 1994			12,391,700						
June 1994			215,800						
July 1994			0						
Carry Forward Authorization				576,300					
August 1994				7,140,900					
November 1994				9,098,700					
December 1994				180,500					
March 1995				492,600					
August 1995				36,700	12,653,600				
December 1995					2,231,100				
April 1996					500,000				
May 1996					300				
June 1996					0				
August 1996						11,606,300			
December 1996						310,400			
February 1997						275,700			
May 1997						0			
August 1997						(85,000)	9,393,200		
December 1997							643,800		
June 1998							66,900		
August 1998								9,988,500	
<b>Total</b>	<b>6,559,200</b>	<b>11,144,900</b>	<b>17,061,900</b>	<b>17,525,700</b>	<b>15,385,000</b>	<b>12,107,400</b>	<b>10,103,900</b>	<b>9,988,500</b>	<b>99,876,500</b>

# Schedule of Work Plan Authorizations and Other Authorizations

	FFY 92	FFY 93	FFY 94	FFY 95	FFY 96	FFY 97	FFY 98	FFY 99	Total
<b>Other Authorizations</b>									
United States:									
Orca Narrows (6/94)			2,000,000	1,450,000					3,450,000
Eyak Limited Conservation Easement				200,000					200,000
Kodiak National Wildlife Refuge (3/95, 9/95 AKI)				21,000,000	7,500,000	7,500,000			36,000,000
Kodiak National Wildlife Refuge (3/95, 9/95 Old Harbor)				11,250,000					11,250,000
Koniag					12,500,000	4,500,000			17,000,000
Small Parcels					379,000	3,740,200	4,464,300		8,583,500
Chenega Land Acquisition						24,000,000			24,000,000
Chenega-Area Oiling Reduction					3,600	157,400	182,000		343,000
Tatitlek							14,150,000		14,150,000
English Bay						14,128,074			14,128,074
Total			2,000,000	33,900,000	20,382,600	54,025,674	18,796,300	0	129,104,574
State of Alaska:									
Kachemak Bay State Park (1/95)		7,500,000							7,500,000
Alutiiq Repository (11/93)		1,500,000							1,500,000
Seal Bay (11/93,11/94,11/95,11/96)			29,950,000	3,229,042	3,294,667	3,075,625			39,549,334
Shuyak (3/96, 10/96 - 10/02)					8,000,000	2,194,266	4,000,000		14,194,266
Small Parcels					5,020,500	3,738,000	996,100		9,754,600
Alaska SeaLife Center				12,500,000	12,456,000				24,956,000
Chenega-Area Oiling Reduction					0	1,732,000			1,732,000
Alaska SeaLife Center Fish Pass						545,600			545,600
Alaska SeaLife Center Equipment						724,000			724,000
Sound Waste Management Plan						1,167,900			1,167,900
Total		9,000,000	29,950,000	15,729,042	28,771,167	13,177,391	4,996,100	0	101,623,700
Total Other Authorizations	0	9,000,000	31,950,000	49,629,042	49,153,767	67,203,065	23,792,400	0	230,728,274
Total Work Plan Authorizations	12,879,700	20,294,300	25,750,500	24,833,100	25,560,900	20,427,000	17,773,500	15,386,200	162,905,200
Restoration Reserve					35,996,231	12,449,552	0	0	48,445,783
Total Authorized	12,879,700	29,294,300	57,700,500	74,462,142	110,710,897	100,079,617	41,565,900	15,386,200	442,079,257

## Footnotes:

Work Plan Authorization and Land/Capital Acquisitions only. Will not balance to the Schedule of Disbursements from the Joint Trust Fund or the court requests due to deductions for interest and lapse.

This schedule does tie to the quarterly reports with the exception of 93' and 92'. In FY93 the Work Plan represented the transition to the Federal Fiscal Year from the Oil Year or a seven month period. This schedule presents authorization on the Federal Fiscal Year and as such FFY92 and FFY93 does not balance.


# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

**To:** *Legacy of an Oil Spill* Program Planning Committee--Brenda Baxter, Mike Castellini, Dave Gibbons, Bill Hauser, Joe Hunt, Lisa Ka'ahue, Jim King, Stanley Rice, Robert Spies, Joe Sullivan, Lisa Thomas, Alex Viteri, and Bruce Wright

**From:** Stan Senner, Science Coordinator 

**Date:** September 18, 1998

**Subject:** Progress on Symposium Planning

A report on the status of planning for the EVOS 10-year symposium is long overdue. Fortunately, there has been much progress, and a brief accounting of what has been accomplished in the last several months follows.

An overall schedule of events, March 23-27, 1999, is enclosed.

Some of the specifics of the agenda for the overview session, March 23, are still being developed, but the basic outline of topics and times is firm. A tentative "day-one" agenda is enclosed; the main need here is identify and confirm individual presenters. I am pleased to report that we have confirmed the participation of Dr. Jane Lubchenco of Oregon State University (and very distinguished past president of AAAS) as the keynote luncheon speaker.

The deadline for receipt of abstracts for the technical sessions was last May 15. Some abstracts trickled in after that date, and a few more are still being sought to fill gaps in coverage. In total, the scientific program committee evaluated about 140 abstracts, recommended whether a presentation was to be in the form of a talk or a poster, and organized the presentations into sessions. Bruce, Brenda, and I have had to do a lot of juggling, but we now have a full breakdown of the agenda by session and by type of presentation. The titles and authors on the enclosed Tentative Agenda have not yet been placed in order. This will be the responsibility of the session chairs, who have tentatively been named and whom we now are in the process of confirming. A tentative list of session chairs is also enclosed.

With the exception of the NVP and APEX sessions, all presenters have now been sent a letter and a copy of the Tentative Agenda, indicating whether their abstracts were accepted as posters or talks. This letter was mailed on September 15.

### Federal Trustees

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We have a draft of text for a brochure with registration and program information, including the post-symposium field trip to the Alaska SeaLife Center (and whale watching in Resurrection Bay). There also will be mention of an event being planned by the PWS RCAC in Valdez, but only preliminary information will be available by the time the brochure is printed. Brenda and her Sea Grant colleagues are now working on the design and layout. Our goal is to get the first mailing of this brochure out to the EVOS list (and others) in October. A second mailing would go in December or January. I have not enclosed the draft text of the brochure, but if any of you are keen to see it, I am happy to provide an informational copy.

Once the brochure is completed and mailed, we will turn our attention to getting all of the abstracts in final form. Brenda will then complete the formatting and ready the abstract book for the printers later this fall.

Lastly, on August 6 the Trustee Council approved Project 99470, which contains funds for the Restoration Office and the Alaska Sea Grant Program to carry out the *Legacy of an Oil Spill* symposium and related items. We are working now on an RSA with UAF/Sea Grant office to transfer the needed funds to Brenda's shop.

I don't see any immediate need for a meeting of the program committee, but please let me know if you have comments or questions or if you think there is reason to meet. We probably do need to meet later this fall or early in the winter to walk through the entire event, identify problems and needs, and make assignments to cover them.

encl: summary of symposium agenda  
overview session agenda  
tentative agenda for technical sessions  
tentative chairs for technical sessions

Tuesday, March 23, 1999

7:30 AM	Registration
8:45 AM	Welcome and Introduction
9:00 – 12:00 PM	Addresses by Public Officials and Trustees
	Status of Injury and Recovery
	Restoration Program Overview
12:00 – 1:30 PM	Lunch (available at Egan Center)
12:30 PM	Keynote Speaker: Dr. Jane Lubchenco
1:30 – 5:00 PM	Human Dimensions
	Response and Prevention
	Future of the Restoration Program
5:30 – 7:00 PM	Trustee Council Reception

**DRAFT**

Wednesday, March 24, 1999

Session 1		Session 2	
8:00 AM	Registration		
8:30 AM	Population and Recovery Status	8:30 AM	Oceanography, Carrying Capacity & Long-Term Monitoring
		10:20 AM	Food Chain Effects
12:00-1:10 PM	Lunch (on your own)		
1:10 PM	Population and Recovery Status (Con't.)	1:10 PM	Sound Ecosystem Assessment (SEA) Project
2:30 PM	Direct Restoration, Supplementation and Enhancement		
5:45 – 7:00 PM	Reception and Poster Session		

Thursday, March 25, 1999

8:00 AM	Registration		
8:30 AM	Subsistence, Communities and Human Dimensions	8:30 AM	Fate, Transport and Monitoring Oil
		11:00 AM	Salmon, Herring and Toxicity of Oil
12:00 – 1:10 PM	Lunch (on your own)		
1:10 PM	Subsistence, Communities & Human Dimensions (Con't.)	1:10 PM	Salmon, Herring and Toxicity of Oil (Con't.)
2:50 PM	Intertidal and Subtidal Effects and Recovery	1:50 PM	Nearshore Vertebrate Predator (NVP) Project
6:30 – 9:00 PM	Alaska Wildlife Response Center Reception (off site)		

Friday, March 26, 1999

8:00 AM	Registration		
8:30 AM	Response, Prevention, and Treatment	8:30 AM	Nutrition, Physiology, and Disease
		11:20 AM	Alaska Predator Ecosystem Experiment (APEX) Project
12:00 – 1:10 PM	Lunch (on your own)		
1:10 PM	Response, Prevention & Treatment (Con't.)	1:10 PM	Alaska Predator Ecosystem Experiment (APEX) (Con't.)
4:30 PM	Summary and Concluding Remarks		

Saturday, March 27, 1999

7:30 AM – 7:30 PM	Field Trip to the Alaska SeaLife Center and Gray Whale Tour, Seward
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**Legacy of an Oil Spill symposium**  
**Overview Session (March 23, 1999)**  
*Tentative Agenda*  
(version: 18 September 1998)

- 8:45 am Welcome and Introduction (Molly McCammon, EVOS Trustee Council)
- 9:00 Governor, State of Alaska (invited)  
Federal Trustees (USDA, DOI, NOAA--invited or to be invited)
- 10:00 Break
- 10:30 Status of Injury and Recovery (Trustee)
- 11:00 The Restoration Program, 1991-1999  
-Habitat Protection (Trustee or Molly McCammon)  
-Research, Monitoring and General Restoration (Dr. Robert Spies)
- 12:00 pm Lunch (available on-site for people w/advance, paid registration)
- 12:30 Luncheon Speaker (Dr. Jane Lubchenco, Oregon State University: "State of the World's Oceans" [confirmed]) (seating available for persons not buying lunch)
- 1:30 Intro to Human Dimensions & Injured Services (Trustee)
- 1:45 Human Dimensions of the Oil Spill  
-Native perspective (?Alaskan Native leader, spill-area community)  
-Community perspective (?representative of local government)
- 2:30 Break
- 3:00 Intro to Response & Prevention (Trustee)
- 3:15 Progress in Preventing and Responding to Oil Spills  
-Prevention: Coast Guard representative (?)  
-Response: ADEC representative (?)  
-Cleanup: Outside expert, private sector (?)  
-Citizens' Oversight: PWS Regional Citizens' Advisory Committee
- 4:30 The Future: Uses of the Restoration Reserve (Trustee)
- 5:00 Break
- 5:30 Reception

# Legacy of an Oil Spill: 10 Years After *Exxon Valdez*

## Tentative Agenda

[Note: presentations not yet in order]

18-Sep-98

DRAFT

### Day 1 — Session I

#### Population and Recovery Status

##### Papers

Trend and Habitat Use of Harbor Seals in Prince William Sound, Alaska, after the *Exxon Valdez* Oil Spill

Kathryn J. Frost, Lloyd F. Lowry, and Jay M. Ver Hoef, Alaska Department of Fish and Game, Fairbanks, AK

Tracey Gotthardt, University of Alaska Anchorage, Environment and Natural Resources Institute, Anchorage, AK

Historical Sockeye Salmon Growth Among Populations Affected by the *Exxon Valdez* Oil Spill and Large Spawning Escapement

Gregory T. Ruggerone, Natural Resources Consultants, Inc., Seattle, WA

Donald E. Rogers, University of Washington, Fisheries Research Institute, Seattle, WA

A Re-examination of Events Influencing the 1993 Pacific Herring (*Clupea pallasii*) Population Crash in Prince William Sound, Alaska

Kevin D.E. Stokesbury, University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK

Comprehensive Killer Whale Investigation

Craig Matkin, North Gulf Oceanic Society, Homer, AK

Chronic Effects of the *Exxon Valdez* Oil Spill on River Otters: Is Recovery Complete?

R. Terry Bowyer, University of Alaska Fairbanks, Institute of Arctic Biology, Fairbanks, AK et al.

Status and Ecology of Kittlitz's Murrelet in Prince William Sound, 1996-1998

Robert H. Day and Debora A. Nigro, ABR, Inc., Fairbanks, AK

Progression of Common Murre Nesting Dates at East Amatuli Island, Alaska during 1993-1998

Arthur B. Kettle, David G. Roseneau, and G. Vernon Byrd, Alaska Maritime National Wildlife Refuge, Homer, AK

Evaluating Wildlife Recovery on the Basis of Ecosystem Status: Confounding Effects of Nondeterminism and Temporal Uncertainty

Glenn R. VanBlaricom, Tamara K. Gage, and Allan K. Fukuyama, University of Washington, School of Fisheries, Seattle, WA

Sea Ducks and the *Exxon Valdez* Oil Spill

Daniel H. Rosenberg, Alaska Department of Fish and Game, Anchorage, AK et al.

The Pigeon Guillemot in Prince William Sound: Evidence of Injury and Status of Recovery Following the *Exxon Valdez* Oil Spill

Gregory H. Golet, Katherine J. Kuletz, and David B. Irons, U.S. Fish and Wildlife Service, Anchorage, AK et al.

A Retrospective on Marbled Murrelet Injury, Research, and Restoration after the *Exxon Valdez* Oil Spill

Katherine J. Kuletz, U.S. Fish and Wildlife Service, Anchorage, AK

Long-Term Effects of the Exxon Valdez Oil Spill on Marine Bird Populations in Prince William Sound, Alaska  
David B. Irons and Steve Kendall, U.S. Fish and Wildlife Service, Anchorage, AK et al.

The Exxon Valdez Oil Spill as a Perturbation Revealing the Importance of the Shoreline Habitats to the Coastal Ecosystem  
Charles H. Peterson, University of North Carolina, Chapel Hill, NC

## Posters

Distribution of Killer Whale Pods in Prince William Sound, Alaska 1984-1996  
D. Scheel, Prince William Sound Science Center, Cordova, AK  
Craig O. Matkin and Eva Saulitis, North Gulf Oceanic Society, Homer, AK

Trends in Common Murre Population Numbers at the Barren and Chiswell Islands, Alaska, 1989-1998  
David G. Roseneau, Arthur B. Kettle, and G. Vernon Byrd, Alaska Maritime National Wildlife Refuge, Homer, AK

Recovery Monitoring of Harlequin Ducks in Prince William Sound, Alaska  
Daniel H. Rosenberg and Michael J. Petrula, Alaska Department of Fish and Game, Anchorage, AK

## \_\_\_\_\_ Direct Restoration, Supplementation, and Management \_\_\_\_\_

## Papers

Human Use and Wildlife Disturbance Model for Western Prince William Sound  
Karen A. Murphy, Chugach National Forest, Glacier Ranger District, Girdwood, AK et al.

Genetics of Pink Salmon: Mapping the Future  
F.W. Allendorf, K.L. Knudsen, K.R. Lindner, and P. Spruell, University of Montana, Division of Biological Sciences, Missoula, MT

Cutthroat Trout and Dolly Varden in Prince William Sound, Alaska: The Relation Among and Within Populations of Anadromous and Resident Forms  
Kitty Griswold and Gordon H. Reeves, USDA PNW Research Station, Corvallis, OR et al.

Allozyme and mtDNA Data Detect Spatial and Temporal Restrictions to Gene Flow in Even-Year Pink Salmon Inhabiting Prince William Sound, Alaska  
Christopher Habicht and Lisa W. Seeb, Alaska Department of Fish and Game, Genetics Program, Anchorage, AK et al.

Gravel Transport Analyses for the Port Dick Creek Tributary Restoration Project  
Geoff Coble, Coble Geophysical Services, Homer, AK et al.

Coded Wire Tagging and Otolith Thermal Marking as Tools for Fisheries Management in Prince William Sound  
Tim Joyce, Alaska Department of Fish and Game, Cordova, AK

A Synthesis of Fisheries Investigations for Restoration of Injury from the Exxon Valdez Oil Spill  
Phillip R. Mundy, Fisheries and Aquatic Sciences, Lake Oswego, OR  
Andrew J. Gunther, Applied Marine Sciences, Inc., Livermore, CA

## Posters

Kametolook River Coho Salmon Restoration Project  
Lisa Scarbrough, Alaska Department of Fish and Game, Subsistence Division, Anchorage, AK et al.





A Perspective on Harbor Seal Trophic Interactions in Prince William Sound and the Gulf of Alaska

Amy C. Hirons and Donald M. Schell, University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK

The Effects of Food Availability and Diet on Reproduction in Pigeon Guillemots  
Michael A. Litgow and John F. Piatt, U.S. Geological Service, Alaska Biological Sciences Center, Anchorage, AK et al.

## Poster

Relationship of Bird Abundance to *Mytilus* Densities at Montague Island and Knight Island

Mary Anne Bishop and Paul M. Meyers, U.S. Forest Service, Pacific Northwest Research Station, Cordova, AK et al.

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## SEA

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## Papers

Oceanography of Prince William Sound, Alaska

Shari L. Vaughan, Shelton M. Gay III, Loren B. Tuttle, and Kenric E. Osgood, Prince William Sound Science Center, Cordova, AK

Trophic Phasing of Pacific Herring (*Clupea pallasii*) in Prince William Sound, Alaska  
B.L. Norcross, E.D. Brown, D.L. Eslinger, R.J. Foy, University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK et al.

Physical and Biological Processes Influencing the Mortality of Juvenile Pink Salmon in Prince William Sound, Alaska

T.M. Willette, Alaska Department of Fish and Game, Cordova, AK et al.

Factors Influencing the Recovery of Injured Pink Salmon and Herring Populations in Prince William Sound, Alaska: A Summary

R.T. Cooney et al., University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK

Observed and Modeled Plankton Dynamics in Prince William Sound, Alaska

R.T. Cooney, C.P. McRoy, D.L. Eslinger, P. Simpson, and A. Ward University of Alaska Fairbanks, Institute of Marine Science, Fairbanks AK et al.

## Posters

Shifts in Stable Carbon and Nitrogen Isotope Composition-Based Food Web Dependencies Provide Evidence of Biophysical Coupling in Prince William Sound

Thomas C. Kline Jr., Prince William Sound Science Center, Cordova, AK

Physical Oceanographic Characteristics of Bays and Fjords in Prince William Sound, Alaska, used as Nursery Habitat by Juvenile Salmon and Pacific Herring

Shelton M. Gay III and Shari L. Vaughan, Prince William Sound Science Center Cordova, AK

The Significance of Winter Refuge to Pollock and Herring Stocks in Prince William Sound

G.L. Thomas, Jay Kirsch, Vince Patrick, and Jennifer Allen, Prince William Sound Science Center, Cordova, AK

## Day 2 — Session I

### Subsistence, Communities, and Human Dimensions

#### Papers

Community Recovery From the *Exxon Valdez* Oil Spill: Mitigating Chronic Social Impacts  
J. Steven Picou and G. David Johnson, University of South Alabama, Mobile, AL  
Duane A. Gill, Mississippi State University, Mobile, AL

#### Youth Area Watch

Jennifer Childress and Joshua Hall, Chugach School District, Anchorage, AK

The Legacy of Impacts to Human Communities: A Synthesis of Findings  
John C. Russell, Human Dimensions and Ethics and Values in Natural Resources  
Management, Placerville, CA

The Economic Impacts of the *Exxon Valdez* Oil Spill on Alaska Natives: A Ten Year  
Retrospective  
John W. Duffield, University of Montana, Missoula, MT

Traditional Ecological Knowledge and the *Exxon Valdez* Oil Spill Restoration Effort  
Rita A. Miraglia, Alaska Department of Fish and Game, Division of Subsistence,  
Anchorage, AK

The Alaska Oil Spill Task Force: A Ten Year Retrospective  
Thomas S. Nighswander, Alaska Native Medical Center, Anchorage, AK

Villages, Subsistence, and the *Exxon Valdez* Oil Spill—What Was Learned?  
Judith M. Meidinger, Alyeska Pipeline Service Company, Government and Community  
Relations, Anchorage, AK

Risk Assessment of Crude Oil Contaminants in Subsistence Seafood from Prince William  
Sound  
Michael Bolger and Clark D. Carrington, U.S. Food and Drug Administration, Center for  
Food Safety and Applied Nutrition, Washington, DC

The Long-Term Sociocultural Consequences of the *Exxon Valdez* Oil Spill  
James A. Fall, Alaska Department of Fish and Game, Division of Subsistence, Anchorage,  
AK

Continuity of Subsistence in Four Gulf of Alaska Communities  
Charles J. Utermohle, Alaska Department of Fish and Game, Division of Subsistence,  
Anchorage, AK et al.

Some Effects of Land Buybacks in Communities of the EVOS Region  
Craig Mishler, Alaska Department of Fish and Game, Division of Subsistence, Anchorage,  
AK

Proactive Resource Management by Native People in the Aftermath of the Spill  
Monica Riedel, Alaska Native Harbor Seal Commission, Cordova, AK

Surf Scoter Life History and Ecology: Linking Satellite Telemetry with Traditional  
Ecological Knowledge  
Daniel H. Rosenberg and Michael J. Petrula, Alaska Department of Fish and Game,  
Anchorage, AK

Distribution of Herring and Other Forage Fish as Observed by Resource Users  
Jody Seitz, University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK

## Posters

Community Stress Management for Technological Disasters: A Guidebook for Community Leaders and Mental Health Professionals  
Lisa Ka'aihue, Prince William Sound Regional Citizens', Advisory Council, Anchorage, AK

Aluttiq Pride II: Herring, Ducks, and Clams  
Gary Kompkoff, Tatitlek Village IRA Council, Tatitlek, AK  
William E. Simeone, Alaska Department of Fish and Game, Division of Subsistence, Anchorage, AK

Community-Based Harbor Seal Management and Biological Sampling  
Monica Riedel, Alaska Native Harbor Seal Commission, Cordova, AK  
Vicki Vanek, Alaska Department of Fish and Game, Division of Subsistence, Kodiak, AK

Managing Seafood Fisheries: Guidance Beyond the *Exxon Valdez*  
Alan J. Mearns, National Oceanic and Atmospheric Administration, HAZMAT, Seattle, WA et al.

*Exxon Valdez* Oil Spill Sociocultural Impacts: Lower Cook Inlet Ethnographic Case Study  
Ronald T. Stanek, Alaska Department of Fish and Game, Division of Subsistence, Anchorage, AK

Sampling Strategy For Evaluating Subsistence Seafood Safety Following An Oil Spill  
L. Jay Field, National Oceanic and Atmospheric Administration, HAZMAT, Seattle, WA

*Exxon Valdez* Oil Spill Sociocultural Impacts: Prince William Sound Ethnographic Case Study  
William E. Simeone and Rita A. Miraglia, Alaska Department of Fish and Game, Division of Subsistence, Anchorage, AK

Archaeology and the Oil Spill  
Doug Reger, Alaska Department of Natural Resources, Anchorage, AK

## \_\_\_\_\_ Intertidal and Subtidal Effects and Recovery \_\_\_\_\_

### Papers

Comparison of Study Designs for Assessment of Injury to Intertidal Areas Following the *Exxon Valdez* Oil Spill  
Lyman L. McDonald, WEST, Inc., Cheyenne, WY et al.

Results of Shoreline Treatment Effects Studies on Subtidal Eelgrass Meadows  
Howard Teas, Anchorage, AK  
Howard Cumberland, Hart-Crowser, Portland, OR

Seven-Year Signal of Intertidal Disturbance Following the *Exxon Valdez* Oil Spill  
W.B. Driskell, Seattle, WA et al.

Recovery of Prince William Sound Intertidal Infauna From *Exxon Valdez* Oiling and Shoreline Treatments 1989-1996: Part I-Trends in Assemblage Parameters  
J.P. Houghton and R.H. Gilmour, Pentec Environmental, Inc., Edmonds, WA et al.

Recovery of Prince William Sound Intertidal Infauna From *Exxon Valdez* Oiling and Shoreline Treatments 1989-1996: Part II-Species Composition  
D.C. Lees, Littoral Ecological & Environmental Services, Leucadia, CA et al.

Concepts of Recovery Examined using Post-Oil Spill Monitoring Data of Rocky Intertidal Assemblages in Prince William Sound, Alaska  
Scott Kimura and John Steinbeck, Tenera Environmental Services, Avila Beach, CA et al.

## Posters

Impact and Recovery Trends in Prince William Sound Intertidal Mussels and Clams  
Gary Shigenaka and Rebecca Z. Hoff, National Oceanic and Atmospheric Administration,  
HAZMAT, Seattle, WA et al.

Recovery of Prince William Sound Intertidal Infauna From *Exxon Valdez* Oiling and  
Shoreline Treatments, 1989-1996: Part III-Multivariate Analyses  
W.B. Driskell, Seattle, WA et al.

Recovery of Prince William Sound Intertidal Infauna From *Exxon Valdez* Oiling and  
Shoreline Treatments, 1989-1996: Part IV-Bivalve Recovery Patterns  
D.C. Lees, Littoral Ecological & Environmental Services, Leucadia, CA et al.

Recovery of Prince William Sound Intertidal Infauna From *Exxon Valdez* Oiling and  
Shoreline Treatments, 1989-1996: Part V-Hardshelled Clams  
J.P. Houghton and R.H. Gilmour, Pentec Environmental, Inc., Edmonds, WA et al.

Long-Term Infaunal Recovery Following the *Exxon Valdez* Oil Spill, 1990-1997  
Allan K. Fukuyama, University of Washington, School of Fisheries, Seattle, WA et al.

Subtidal Bivalve Population Structure in Prince William Sound, Alaska: Comparisons  
between Oiled and Unoiled Areas Following the *Exxon Valdez* Oil Spill  
Allan K. Fukuyama, University of Washington, School of Fisheries, Seattle, WA et al.

Occurrence of an Assemblage of Intact Dead Bivalves in Prince William Sound with  
Implications for Bivalve Populations Following the *Exxon Valdez* Oil Spill  
Allan K. Fukuyama, University of Washington, School of Fisheries, Seattle, WA et al.

## Day 2 — Session II

\_\_\_\_\_ Fate, Oil Transport, and Oil Monitoring \_\_\_\_\_

### Papers

Hydrocarbon Background Prior to the *Exxon Valdez* Oil Spill in Prince William Sound,  
Alaska  
Keith A. Kvenvolden, Paul R. Carlson, Frances D. Hostettler, and Robert J. Rosenbauer,  
U.S. Geological Survey, Menlo Park, CA

Long Term Environmental Monitoring Program Data Analysis of Hydrocarbons in Intertidal  
Mussels and Marine Sediments, 1993-1996  
Lisa Ka'aihue, Prince William Sound Regional Citizens', Advisory Council, Anchorage,  
AK

Robust Oil Degrading Microorganisms are Found on Alaskan Shores  
J.R. Haines, U.S. Environmental Protection Agency, NRMRL, Cincinnati, OH et al.

Three Perspectives on Recovery from Oiling and Treatment at Prince William Sound  
Intertidal Sites: Biology, Geomorphology, and Chemistry  
Gary Shigenaka and Rebecca Z. Hoff, National Oceanic and Atmospheric Administration,  
HAZMAT, Seattle, WA

The Environmental Persistence of PAH from the *Exxon Valdez* Oil Spill  
Jeffrey W. Short, Ron A. Heintz, Marie Larsen, Larry Holland, National Marine  
Fisheries Service, Auke Bay Laboratory, Juneau, AK

Effectiveness of Oil Removal from Beaches—Eight Years after the Spill  
Christine Brodersen, National Marine Fisheries Service, Auke Bay Laboratory, Juneau,  
AK



## Posters

Two Oil Spills in Prince William Sound, Alaska: 1989 and 1964  
Paul R. Carlson, Keith A. Kvenvolden, Frances D. Hostettler, and Robert J. Rosenbauer,  
U.S. Geological Survey, Menlo Park, CA  
Augusta Warden, U.S. Geological Survey, Denver, CO

Tracking Spilled Oil in Prince William Sound: Where It Was, Where It Is, and Where It  
Isn't

F.D. Hostettler, R.J. Rosenbauer, K.A. Kvenvolden, and P.R. Carlson, U.S. Geological  
Survey, Menlo Park, CA

The Role of Fine-Particle Interaction in the Natural Cleaning of Oiled Shorelines  
Edward H. Owens and Ken Lee, OOC Ltd., Bainbridge Island, WA

## \_\_\_\_ Salmon, Herring, and Toxicity of Oil \_\_\_\_

### Papers

Lessons Learned on the Long-Term Toxicity of Oil to Fish: Intersection of Chance, Oil,  
Biology, Toxicology, and Science  
S.D. Rice, National Marine Fisheries Service, Auke Bay Laboratory, Juneau, AK

Persistence of Oil in Salmon Stream Deltas of Prince William Sound after the Exxon  
Valdez Oil Spill  
M.L. Murphy and S.D. Rice, National Marine Fisheries Service, Auke Bay Laboratory,  
Juneau, AK

Effects of Oil and Other Factors on Straying of Pink Salmon (*Oncorhynchus gorbuscha*)  
in Southeast Alaska

J.F. Thedinga, A.C. Wertheimer, R.A. Heintz, S.D. Rice, and J.M. Maselko, National  
Marine Fisheries Service, Auke Bay Laboratory, Juneau, AK

Synthesis of the Toxicological and Epidemiological Impacts of the Exxon Valdez Oil  
Spill on Pacific Herring

M.G. Carls, G.D. Marty, J.E. Hose, and R.M. Kocan, National Marine Fisheries Service,  
Auke Bay Laboratory, Juneau, AK

Long-Term Effects of Incubating in Oiled Gravel Reduce Average Fitness in Exposed Pink  
Salmon (*Oncorhynchus gorbuscha*) Populations

R.A. Heintz, National Marine Fisheries Service, Auke Bay Laboratory, Juneau, AK

### Posters

None

## \_\_\_\_ Nearshore Vertebrate Predator (tentative session) \_\_\_\_

### Papers

Sea Urchins as Indicators of the Recovery Status of Sea Otters: Making Practical Uses  
of Paradigms in Ecology  
Thomas A. Dean, Coastal Resources Associates, Inc., Vista, CA et al.

The Exxon Valdez Oil Spill and Sea Otters: Ten Years Later

J.L. Bodkin, B.E. Ballachey, and D.H. Monson, U.S. Geological Service, Alaska  
Biological Science Center, Anchorage, AK

Quantification of Cytochrome P450 1A as a Bioindicator of Exposure of Nearshore  
Vertebrate Predators to Residual Oil from the Exxon Valdez Oil Spill

	Session		# of Talks	Topic	# of Talks		Session		# of Talks
	Time	#	Chair			Time	#	Chair	
1	0800-0830	1		Registration		0800-0830	2		Registration
	0830-0950	1	Irons & Botkin	Pop. Status & Recovery	13 (4)	0830-0950	2	Spies	Oceanogra., Carrying Capacity, Long-term Monitoring
	0950-1020			Break		0950-1020			Break
	1020-1200			Pop. Status & Recovery	(5)	1020-1200	2	Kline	Food Chain
	1200-1310			Lunch		1200-1310			Lunch
	1310-1430			Pop. Status & Recovery	(4)	1310-1500	2	Cooney	Sound Ecosystem Assessment
	1430-1510	1	Sullivan	Direct Rest., Supplement., Mgt, Technology, Enhanc	7 (2)	1500-1530			Break
	1510-1540			Break		1530-1700			SEA
	1540-1720			Direct Rest., Supplement., Mgt, Technology, Enhanc	(5)				
	0800-0830	1		Registration		0800-0830	2		Registration
	0830-0950	1	Fall	Subsistence and Community/Human Dimensions	14 (4)	0830-0950	2	Short	Fate/ Oil Transport/Oil Monitoring
	0950-1020			Break		0950-1020			Break
	1020-1200			Subsistence and Community/Human Dimensions	(5)	1020-1100			Fate/ Oil Transport/Oil Monitoring
	1200-1310			Lunch		1100 -1200	2	Rice	Salmon/Herring Toxicity
	1310-1450			Subsistence and Community/Human Dimensions	(5)	1200-1310			Lunch
	1450-1510	1	Dean	Intertidal/Subtidal	6 (1)	1310-1350			Salmon/Herring Toxicity
	1510-1540			Break		1350-1510	2	Bartels	Nearshore Vert. Predator (NVP)
	1540-1720			Intertidal/Subtidal	(5)	1510-1540			Break
						1540-1720			NVP

B.E. Ballachey, J.L. Bodkin, D. Esler, and L. Holland-Bartels, U.S. Geological Service, Alaska Biological Science Center, Anchorage, AK et al.

Taking a Multiple-Species Approach to Understanding Recovery of the Nearshore Environment Following the Exxon Valdez Oil Spill

L. Holland-Bartels, U.S. Geological Survey, Alaska Biological Science Center, Anchorage AK

## Posters

Hydrocarbons on Prince William Sound River Otter Fur

Lawrence K. Duffy, Michelle Hecker, Gail M. Blundell and R. Terry Bowyer, University of Alaska Fairbanks, Institute of Arctic Biology, Fairbanks, AK

Multi-Year Trends in Growth in *Mytilus trossulus* at Herring Bay after the Exxon Valdez Oil Spill

Mandy Lindeberg, National Marine Fisheries Service, Auke Bay Laboratory, Juneau, AK et al.

## Day 3 — Session I

Response, Prevention, and Treatment \_\_\_\_\_

### Papers

Incident Prevention Command (U.S.)

Dale Ferriere, Teekay Shipping (Canada) Ltd., Nanaimo, BC

The Prince William Sound Risk Assessment

John Harrauld and Thomas Mazzuchi, The George Washington University, Washington, DC et al.

The Evolution of Vigilance: Policy Change in Prince William Sound, 1989-1999

George J. Busenberg, University of Wisconsin-Madison, Institute for Environmental Studies, Madison, WI

The Shoreline Cleanup Assessment Team Concept

Edward H. Owens, OOC Ltd., Bainbridge Island, WA

Alaska Advances Oil Spill Prevention Technology Borrowing from the United States Clean Air and Clean Water Laws

Tom Chapple, Alaska Department of Environmental Conservation, Industry Preparedness and Pipeline Program, Anchorage, AK et al.

Implementing an Effective Sea Otter Rehabilitation Program: Lessons from the Exxon Valdez Oil Spill

R.W. Davis, T.M. Williams, P. Tuomi, and T. Thomas, Wildlife Research International, League City, TX

Prince William Sound Mechanical Response

John L. Brown, Alaska Department of Environmental Conservation, Preparedness and Emergency Response Program, Valdez, AK

The Evolution of Spill Co-ops in Alaska Following the Post-Exxon Changes in State Law

Ken Rogowski and Joe Sautner, Alaska Department of Environmental Conservation, Industry Preparedness and Pipeline Program, Anchorage, AK

Improving Oil Spill Response Effectiveness Through Training

Vince Kelly, Prince William Sound Community College, Valdez, AK

Oil Spill Response: Assessing Exposure of Fishery Resources to Petroleum Compounds  
Margaret M. Krahn, Donald W. Brown, Jon Buzitis, Tom Hom, Lawrence C. Hufnagle, Gina  
M. Ylitalo, and John Stein, National Marine Fisheries Service, Environmental  
Conservation Division, Seattle, WA

Oiled Wildlife Response in Alaska: Ten Years Later  
Curt Clumpner, International Bird Rescue Research Center, Lynnwood, WA

Improvements in Planning and Oil Spill Response Management Structures  
Larry Iwamoto, Alaska Department of Environmental Conservation, Anchorage, AK

Prince William Sound Oil Spill Response Readiness 1989 vs. 1999  
John Kotula and Steve Provant, Alaska Department of Environmental Conservation,  
Valdez, AK

Prince William Sound Tugs--Now the Best Prevention System in the World  
Steve Provant and John Kotula, Alaska Department of Environmental Conservation,  
Valdez, AK

Prince William Sound Risk Assessment Study Serves as a Pivotal Tool to Improving  
Tanker Safety in Alaska  
Roger Gale, British Petroleum Oil Shipping Company, USA, Cleveland, OH et al.

Alaska's Community and Nearshore Response Program  
Edmund J. Collazzi, Department of Environmental Conservation, Division of Spill  
Prevention and Response, Juneau, AK

## Posters

Emergency Response Communications Focusing on Alaska Department of Environmental  
Conservation Capability  
Arthur Pilot, Alaska Department of Environmental Conservation, Juneau, AK

Oil Spills in Alaska, July 1, 1995-June 30, 1998  
Camille Stephens, Alaska Department of Environmental Conservation, Juneau, AK

Italian Government Response and Prevention on Environmental Impact, Safety, and  
Control of Marine Oil Spill Pollution  
A. Zitelli and F. Cinquepalmi, University of Architecture, Social and Economic  
Analysis Department, Venice, Italy

State of Alaska Natural Resources Damage Assessment Process  
Bob Dreyer, Alaska Department of Environmental Conservation, Anchorage, AK

State Scorecard on Implementation of Alaska Oil Spill Commission Recommendations  
Leslie Pearson and Larry Iwamoto, Alaska Department of Environmental Conservation,  
Anchorage, AK

Advances in Oiled Wildlife Rehabilitation Since the Exxon Valdez Oil Spill  
Jay Holcomb, International Bird Rescue Research Center, Berkeley, CA

Current Status of Sea Otters Placed in Captivity following the Exxon Valdez Oil Spill  
Carol Gorbics and Linda Comerchi, U.S. Fish and Wildlife Service, Anchorage, AK

Alaska's Applied Oil Spill Response Research and Development Program  
Edmund J. Collazzi, Department of Environmental Conservation, Division of Spill  
Prevention and Response, Juneau, AK

Oil on the Rocks: Corporate Public Discourse  
Anthony D. McGill, The University of Michigan-Flint, Flint, MI

## Day 3 — Session II

### Nutrition, Physiology, and Disease

#### Papers

Survival, Performance and Reproduction in the Pacific Herring (*Clupea harengus pallasii*): Effects of Environmental Contamination, Viral Hemorrhagic Septicemia Virus, and *Ichthyophonus hoferi*

Christopher J. Kennedy and Anthony Farrell, Simon Fraser University, Department of Biological Sciences, Burnaby, BC

Patterns and Spatial Scales of Foraging in Harbor Seals (*Phoca vitulina richardsi*) in Prince William Sound and the Gulf of Alaska using Fatty Acid Signatures

Sara J. Iverson, Dalhousie University, Department of Biology, Halifax, NS et al.

The Role of Disease in Limiting Recovery of Pacific Herring in Prince William Sound, Alaska

Gary D. Marty, University of California, Davis, CA

Theodore R. Meyers, Alaska Department of Fish and Game, Juneau, AK

Seabird Chicks and Greasy Food: Results of Captive Feeding Trials

Marc D. Romano, Oregon State University, Oregon Cooperative Fish and Wildlife Research Unit, Corvallis, OR et al.

Long Term Effects of Oil Contamination in Alaskan Sea Otters

Terrie M. Williams and Laura Yates, University of California Santa Cruz, Department of Biology, Santa Cruz, CA

Viral Hemorrhagic Septicemia Virus in Wild Pacific Herring (*Clupea pallasii*)

R. Kocan and P. Hershberger, University of Washington, School of Fisheries, Seattle, WA et al.

Daily Energy Expenditure of Black-Legged Kittiwakes in Relation to Food Supply: Do Parents that Work Harder Really Raise More Young?

Patrick Jodice and Daniel D. Roby, Oregon State University, Corvallis, OR

Kathy R. Turco, Fairbanks, AK

#### Posters

Alaskan Harbor Seals: Indices of Health, Nutrition and Population Alteration

Michael Castellini, Brian Fadely, Steve Trumble and J. Margaret Castellini, University of Alaska Fairbanks, Institute of Marine Science, Fairbanks, AK

Nutritional Condition as a Measure of Competitive Interactions

Ron Heintz, National Marine Fisheries Service, Auke Bay Laboratory, Juneau, AK

Viral Hemorrhagic Septicemia Virus in Herring and Water from the 1998 Prince William Sound Spawn-on-Kelp Fishery

Paul Hershberger and Richard Kocan, University of Washington School of Fisheries, Seattle, WA

Nancy Elder, U.S. Geological Service, Biological Resources Division, Nordland, WA

### Alaska Predator Ecosystem Experiment (tentative session)

#### Papers

Seabird Reproductive Energetics and the Fat Content of Fish: Revisiting the Junk Food Hypothesis

Daniel D. Roby, Oregon State University, Oregon Cooperative Fish and Wildlife Research Unit, Corvallis, OR et al.

The Food Web Supporting Forage Fish Populations in Prince William Sound, Alaska  
J.E. Purcell, University of Maryland Center for Environmental Science, Cambridge, MD  
et al.

## Posters

Jellyfish in Prince William Sound: Abundance, Aggregation, and Feeding Rates on  
Zooplankton  
J.E. Purcell, University of Maryland Center for Environmental Science, Cambridge, MD  
et al.

Sand Lance in Relation to Bottom Type in Prince William Sound, 1998  
William D. Ostrand and Lisa A. Joyal, U.S. Fish and Wildlife Service, Anchorage, AK

Potential Nesting Habitat of the Marbled Murrelet in Prince William Sound in Relation  
to Foraging Area  
Robert L. DeVelice and Connie J. Hubbard, USDA Forest Service, Anchorage, AK et al.

Seabird Foraging in Prince William Sound, 1994-1998  
William D. Ostrand, Lisa A. Joyal, and John M. Maniscalco, U.S. Fish and Wildlife  
Service, Anchorage, AK



## Legacy of an Oil Spill

### Suggested Chairs<sup>1</sup> for Technical Sessions:

Population status & recovery	Irons and/or Bodkin
Direct restoration, supplementation & management	Sullivan
Oceanography, carrying capacity & long-term monitoring	Spies
Food-chain effects	Kline
Sound ecosystem assessment project	Cooney
Subsistence, communities & human dimensions	Fall
Intertidal & subtidal effects and recovery	Dean
Fate, oil transport & oil monitoring	Short
Salmon, herring & toxicity of oil	Rice
Nearshore vertebrate predator project	Holland-Bartels
Response, prevention & treatment	ADEC
Nutrition, physiology & disease	Castellini
Alaska predator ecosystem experiment project	Duffy

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<sup>1</sup>Some of these are confirmed and some are not.

# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

**To:** Restoration Work Force

**From:** Stan Senner, Science Coordinator *Stan Senner*

**Subject:** Ecopath Workshop (Project 98/99330)

**Date:** September 18, 1998

Last March the principal investigators for Project 98330, Mass-Balance Models of Trophic Fluxes in EVOS-Impacted Areas, held a workshop at the Restoration Office to bring together various other EVOS investigators to share data on fish and wildlife populations as input for their Prince William Sound Ecopath model. The preliminary results of that modeling effort are now ready for presentation and review.

Dr. Daniel Pauly, Tom Okey and others will be at the Restoration Office in Anchorage for a workshop on October 5, starting at 9:15 a.m. Purpose of the meeting is to present and refine their balanced trophic model of Prince William Sound. An agenda is enclosed.

Work Force members are welcome to attend. If there are others in your agency who would be interested in this topic, please give them the agenda and encourage their participation.

I want to have something of a headcount of the number of attendees, so please let me know by e-mail (stans@oilspill.state.ak.us) if you or someone else from your agency plans to be here. Thank you.

encl: (1)

cc: Molly McCammon/Restoration Office staff  
Robert Spies and Andy Gunther  
Tom Okey

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Alaska Department of Law

# Ecopath Workshop Agenda

## *A balanced trophic model of PWS: presentation and refinement*

October 5, 1998

EVOS Restoration office conference room  
645 G Street, Suite 401, Anchorage

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- 0915 - 1920 EVOS program context--ecosystem synthesis .... *Bob Spies*  
0925 - 0935 Round-table introductions (whole room)  
0935 - 0950 About this workshop, about ECOPATH modeling .... *Daniel Pauly*
- 0945 - 1015 **Presentation 1** - Presentation of ECOPATH model of Prince William Sound, 1994-1996 .... *Tom Okey*
- a) Process of model construction
  - b) Trophic structure and collaboration
  - c) Balancing the PWS trophic model
- 1015 - 1030 Coffee break
- 1100 - 1140 **Presentation 1 (continued):**
- d) Ecosim
  - e) Ecospace
- 1140 - 1200 More questions and discussion
- 1200 - 1330 Lunch on your own in downtown Anchorage
- 1330 - 1430 **Presentation 2:** Presentation of some simulations based on 'what if' scenarios - *T. Okey*
- 1430 - 1500 Questions and discussion about the simulations and their implications, including suggested improvements to the approach.
- 1500 - 1515 Brief presentation on plans for the coming year - *Daniel Pauly*
- 1515 - 1545 Comments from the Chief Scientist and Peer Reviewers
- Close**
- 1600 Informal demonstrations of Ecopath and Alaska FishBase if desired

Catherine Berg  
USFWS  
1011 East Tudor Rd  
Anchorage, AK 99503

Claudia Slater  
ADF&G/Habitat & Restoration  
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Sandra project file  
Molly  
Stan

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Bud Rice  
National Park Service  
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Anchorage, AK 99503-2838

# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Bruce Wright / APEX Project Manager

FROM: Molly McCammon  
Executive Director

RE: Extension of Due Date on Final Report  
*Project 98163C / APEX: Diet Overlap, Prey Selection, Diel Feeding  
Periodicity and Potential Food Competition Among Forage Fish Species*

DATE: September 15, 1998

This memo is to confirm an extended due date of December 31, 1998 for the final report on Project 98163C/APEX: Diet Overlap, Prey Selection, Diel Feeding Periodicity and Potential Food Competition Among Forage Fish Species. The funds approved by the Trustee Council for preparation of this report will lapse September 30, 1998. It is my understanding that work on the report after this date will be part of the NOAA support for the project.

---

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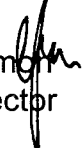
# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Claudia Slater / ADFG Liaison

FROM: Molly McCammon   
Executive Director

RE: Authorization -- Project 98329 / Synthesis of the Toxicological Impacts on  
Pink Salmon

DATE: September 17, 1998

With recent submittal to the Chief Scientist of the final report for Project FS1, work is now authorized to proceed on the ADFG component of Project 98329/Synthesis of the Toxicological Impacts on Pink Salmon. All work must be performed consistent with the revised Detailed Project Description dated June 19, 1997.

cc: Bruce Wright / NOAA Liaison




# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Bruce Wright / NOAA

FROM: Molly McCammon   
Executive Director

RE: Authorization -- Project 99468 / FEATS: Fundamental Estimations of  
Acoustic Target Strength

DATE: September 14, 1998

The purpose of this memorandum is to formally authorize work to proceed on Project 99468/FEATS: Fundamental Estimations of Acoustic Target Strength. The work must be performed consistent with the revised Detailed Project Description dated July 8, 1998 and the revised budget dated July 16, 1998.

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# Exxon Valdez Oil Spill Trustee Council

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



September 14, 1998

Midtown Storage  
3737 Arctic Boulevard  
Anchorage, Alaska 99503

To whom it may concern:

This letter is to give notice that the *Exxon Valdez* Trustee Council will be vacating storage unit D-31 as of September 30, 1998.

Thank you for the service you have provided us in the past.

If you have any questions regarding this notice, please contact Tami Yockey at 278-8012.

Sincerely,

A handwritten signature in black ink, appearing to read 'E. Myers', with a long horizontal flourish extending to the right.

Eric F. Myers  
Director of Operations

EFM/ty


# Exxon Valdez Oil Spill Trustee Council

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



## MEMORANDUM

TO: Trustee Council members

FROM: Eric F. Myers   
Director of Operations

DATE: September 14, 1998

SUBJ: News Accounts of GAO Audit

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Attached you will find two news stories (Anchorage Daily News, Washington Post) concerning the GAO report released on Friday.

If you have questions, please let me know.

attachments

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# METRO

SATURDAY, September 12, 1998 ★★

ANCHORAGE DAILY NEWS

SECTION B

## GAO lauds Oil Spill Trustee Council

By **NATALIE PHILLIPS**  
Daily News reporter

So far, the Exxon Valdez Oil Spill Trustee Council has spent the \$900 million in oil spill settlement money prudently and has done a good job of including the public in spending decisions, according to a 40-page General Accounting Office report released Friday.

The government accountants also suggested that Congress enact legislation to allow the Trustee

Council more leeway in how it manages and invests its accounts. Such changes would allow the Trustee Council to earn more interest on its investments.

The only problem government accountants found was that the Trustee Council had funded three studies that appeared "questionable."

Three scientific studies that cost a total of \$8.4 million probably shouldn't have been funded. This

was an issue in 1993, when the GAO looked at the Trustee Council's spending. Since 1991, several hundred studies have been funded at a cost of \$90 million. The three studies were a \$900,000 effort spent studying killer whales; \$1.4 million spent on pink salmon research; and roughly \$6.1 million spent studying Kenai River red salmon.

The Trustee Council's policy is to not fund research that can't be linked to damage done by the spill

or that normally would be funded by a federal or state agency as part of its mission. In the report released Friday, GAO accountants acknowledged that the line is sometimes hard to define.

Molly McCammon, executive director of the Trustee Council, said in a written letter to the GAO that the council debated whether to fund those three projects and concluded that they can be linked to the spill.

Other than that, the accountants

found that the agency is better managed today than it was five years ago.

"We're pleased," said Deborah Williams, the top federal Department of Interior official in Alaska and one of six Trustee Council members who decide how the settlement money is spent. "They gave us a very clean bill of health."

The audit also notes that the

Please see Page B-3, MURKOWSKI

## MURKOWSKI: Senator requests review of council

Continued from Page B-1

Trustee Council paid 56 percent over the federal government's appraisals for much of the 360,000 acres of land and easements it has purchased from Native corporations over the past five years. Auditors explained in detail why the Trustee Council voted to spend over appraised value but didn't cite this as a problem.

However, it is a problem for Sen. Frank Murkowski, who requested the review.

"Some people might interpret that as not a robust clean bill of health," said Chuck Kleeschulte, a Murkowski spokesman. "We think that it is an indication they don't need to buy more land."

Murkowski has sponsored legislation that would allow

the Trustee Council to invest outside the court-controlled settlement account, which has relatively high management fees. Attached to that bill is language that would prohibit the Trustee Council from spending any extra interest money earned on more land purchases.

"Murkowski feels it should go for related cleanup work or fisheries-related research," Kleeschulte said. "He believes enough land has been acquired."

In a prepared statement, Murkowski said, "My amendment doesn't prevent the trustees from buying private land with all the original \$900 million settlement. But at least all of the extra money earned by this change would have to go for research and monitoring for fishery development projects."

After Exxon's 11-million-gallon spill in Prince William Sound in 1989, the federal and state governments reached out-of-court agreements to settle criminal and civil claims against the oil giant.

Exxon agreed to pay the state and federal governments \$900 million to settle civil claims and \$125 million to settle criminal charges.

The Trustee Council, made up of three federal officials and three state officials, was appointed to oversee the spending of the civil settlement money, which is being paid in annual installments. Under the settlement agreement, the money is to be spent on reimbursing the governments and Exxon the money they spent cleaning up the spill and for restoration and research projects.

To date, the Trustee Council has received \$620 million from Exxon. Of that, \$198 million was used to reimburse Exxon and state and federal agencies for their cleanup costs, which was required in the settlement. Another \$187 million has been used to purchase coastal land and easement as a way to provide protected habitat for fish and birds and other species injured by the spill. About \$90 million has been spent on monitoring and research. Another \$48 million has been set aside to create an endowment and so there will be funds left when Exxon makes its final payment in 2001. The council is discussing how the reserve fund will be spent. The rest has paid for administration, management and restoration projects.



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Partly sunny, warm.

High 66.

Partly sunny, breezy,  
High 70. Low 63.

Page B2.

Year No. 282

# The Washington Post

SUNDAY, SEPTEMBER 13, 1998

Inside: Book World, TV Week  
The Post Magazine, Comics  
Today's Contents on Page A1

\$1.50

Printed on 100% recycled paper with soy-based inks. For more on this, see page A1.

A10 SUNDAY, SEPTEMBER 13, 1998 ...\*

NATIONAL

## GAO: Exxon Spill Funds Spent Properly

Reuters

ANCHORAGE—Trustees who manage the money paid by Exxon Corp. to settle government lawsuits over the 1989 Valdez oil spill have acted properly to help the damaged Alaska environment recover from the disaster, a General Accounting Office report says.

Activities of the Exxon Valdez Oil Spill Trustee Council "appear consistent" with legal mandates that settlement money be spent on projects linked to the oil disaster and be limited to the restoration of Alaskan natural resources, said a summary of the report issued Friday.

Those activities include acquisition of threatened habitat along the Prince William Sound and Gulf of Alaska coasts, mostly from Indi-

an, Eskimo or Aleut groups. Other activities are scientific studies, continued shoreline cleanup and educational projects.

The trustee council, made up of three federal and three state representatives, is responsible for administering the \$900 million that Exxon promised to pay over 10 years in its 1991 civil settlement with the federal government and the state of Alaska.

For habitat acquisitions, the council has paid negotiated prices that were about 56 percent above government-appraised values for the purchased lands, according to the audit by the congressional watchdog agency.

Prices paid for most of that coastal land were far above government appraisals because there was no commercial use yet attached to

those parcels, the report said. The bodies that owned the land were unwilling to accept the low appraised prices, it said.

For other large parcels, government-appraised values were higher because they were pegged to potential logging income, the GAO said.

Sen. Frank H. Murkowski (R-Alaska), who ordered the report, said it confirmed his long-standing criticism that too much of the settlement money was being used to buy coastal land and preserve it from logging or other development.

But Molly McCammon, executive director of the trustee council, called the GAO audit "as clean a bill of health as any billion-dollar program could ever get."



# Exxon Valdez Oil Spill Trustee Council

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From: Eric Myers

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*Thank you*

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FROM: Eric Myers, Director of Operations

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