

CHAIN OF CUSTODY CHEMISTRY SAMPLES

entered 7/8/91 KZ

ENFORCEMENT OR SPILL NUMBER _____

CHAIN OF CUSTODY (☒) YES () NO COC# _____

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX	TOTAL # OF	CHECK ONE						EPA	
YR	MO	DY	SE	YR	MO	DY	TIME					CONTAINERS		AL	ID				METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS

Sample No. 091SMT001H

7/9/81:

These were entered into
their own ADDON table,
which was then appended
to Chemtrac, Allsamps
+ Complocs, while
position QA/QC still
pending.

K7.

Kathrin:

Enter locat, eri as
follows

Cook Inlet - Ninilchik
Beach State Rec. Area
High Tide Line 600 FT
From Ninilchik River

OIL - was asphalt

~~pure oil~~

Sediment? YES.

DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
6/11/91	1300						
DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
6-19-91	16:30						

FACT: YES () NO () CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()
COMMENTS:

FIELD TO LAB:

entered 7/8/91 KZ

ENFORCEMENT OR SPILL NUMBER _____

CHAIN OF CUSTODY (☒) YES () NO COC# _____

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX	TOTAL # OF	CHECK ONE					EPA	METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS
YR	MO	DAY	SE	YR	MO	DAY	TIME															

[illegible]

RELINQUISHED BY: (signature) <i>Sharie Matheson-Loney</i>	DATE <i>6-11-91</i>	TIME <i>1300PM</i>	RECEIVED BY: (signature) <i>Angela D Hill</i>	DATE <i>6/11/91</i>	TIME <i>1300</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature) <i>Angela D Hill</i>	DATE <i>6/19/91</i>	TIME <i>1640</i>	RECEIVED BY: (signature) <i>T. P. Hill</i>	DATE <i>6-19-91</i>	TIME <i>16:30</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

Entered 7/7/91 KZ

ENFORCEMENT OR SPILL NUMBER 89 214 083-1

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

59° 18' 18" 150° 56' 30"

PAGE ____ OF ____

Entered 7/7/91 KZ.

ENFORCEMENT OR SPILL NUMBER 89 214 083-1

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

59° 18' 18" 150° 56' 30"

CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES 406

PROJECT NAME Exxon Valdez - HomerENFORCEMENT OR SPILL NUMBER 89-244-083-1SAMPLER/ADDRESS Leland P. Gleason Oil Response CenterCHAIN OF CUSTODY ☒ YES () NO COC# 138509 Sterling Hwy, Homer, AK 99603

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

SAMPLING () WITHIN () NEAR _____

Segun: Kc906 (K2)

59 21 18
151 50 15need
Segun

OIL

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX				TOTAL # OF				CHECK ONE				EPA				METHOD				SPECIFIC LOCATION INFORMATION				COMM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
YR	MO	DY	SE	YR	MO	DY	TIME	CONTAINERS				VOC	METAL	OIL ID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

See April 26, 29, 1991 Office Daily Log
(Homer) for details. See attached
envelope and survey bill as
received with this sample.
From Port Graham - sent in by
Francis Newman 284-2227 and
collected by Issac Moavim at Annie's
Point on beach N.W. of the Village.
Reported to me by Ron Stank of
A.O.F.R. Subsistence Division

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
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METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

PAGE ____ OF ____

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES 404

PROJECT NAME Exxon Valdez - Homer

ENFORCEMENT OR SPILL NUMBER 89-274-083-1

SAMPLER/ADDRESS Deland P. Gieru Oil Response Center

CHAIN OF CUSTODY ☒ YES () NO COC# 138

509 Sterling Hwy, Homer, AK. 99603

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

SAMPLING () WITHIN () NEAR _____

Sequn: Kc906 (Kz)

59 21 18
15 50 5

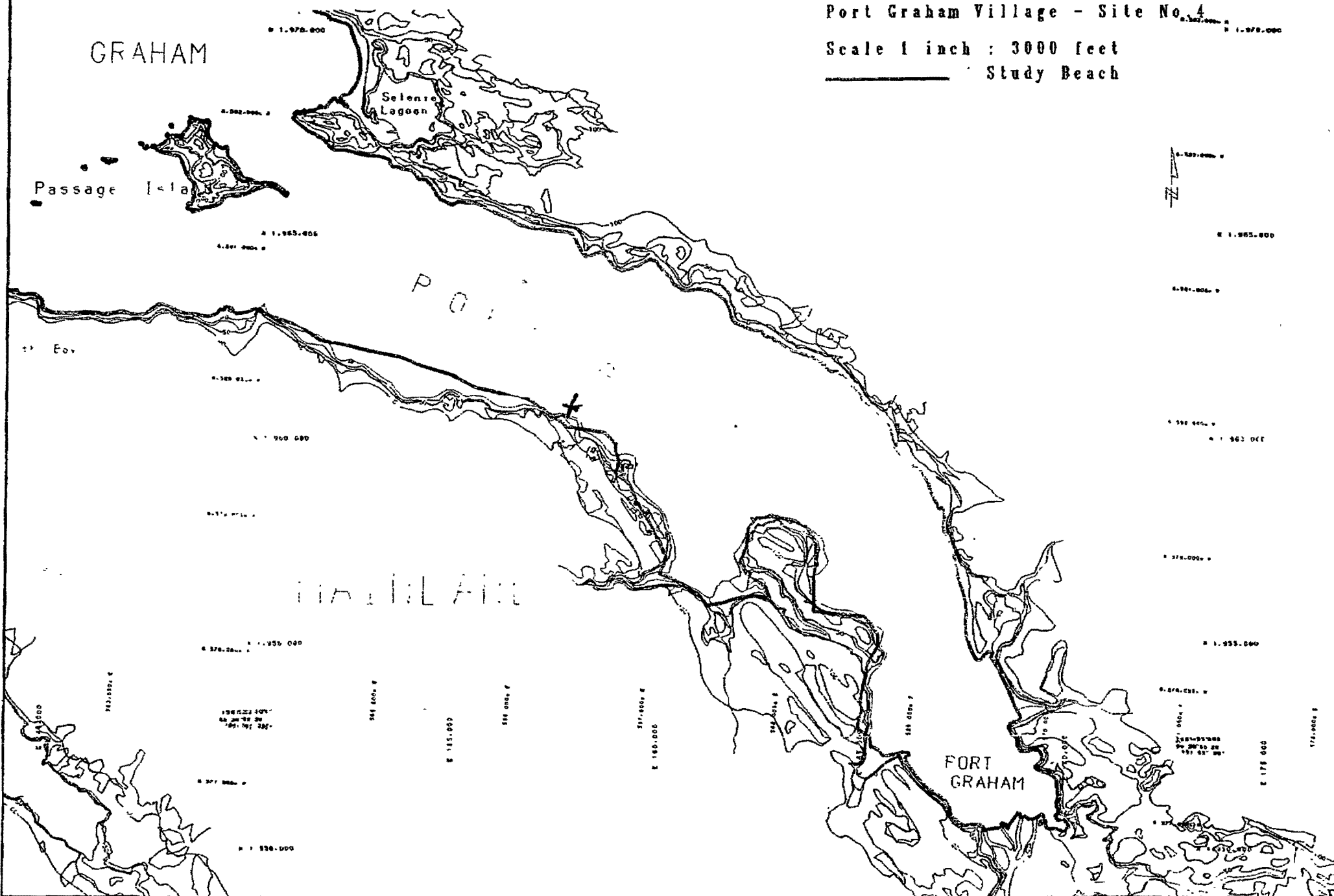
[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
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METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

PAGE _____ OF _____

Port Graham Village - Site No. 4
Scale 1 inch : 3000 feet
Study Beach



APR-29-91 MON 16:17

235-6172/1-800-478-6172

421 19 91

No. _____ No. _____
Lee Glenn

Homes Oil Spill Resp.
Homes

ALL claims and returned goods MUST be accompanied by this bill

PRINTED IN U S A

PORT GRAHAM
PORT GRAHAM, ALASKA 99603
907-284-2227

FAX#284-2222

FAX TRANSMITTAL

PORT GRAHAM VILLAGE COUNCIL
PORT GRAHAM, ALASKA 99603
907-284-2227

TO: Clara FROM: _____

DATE: 4-29-91 TIME: 4:15 p.m.

NUMBER OF PAGES (INCLUDING TRANSMITTAL SHEET): 2

OPERATOR: Frances Norman

IF TELECOPY DOES NOT TRANSMIT PROPERLY, PLEASE CALL 284-2216.

NOTE: marked + where the oil was found.
Please let us know the results of
the test. Thank you.

CONSIGNEE NAME
Katharine Zell
AK Fish & Game

ACCOUNT NO.
NA

ERA AVIATION

AIRLINE
808

CITY
AK

SERIAL NUMBER
0049-7066

STREET
Anchorage AK

TELEPHONE NO.(S)
267
2295

ERA Dash

RECEIVED IN GOOD ORDER EXCEPT AS NOTED

SIGNATURE
SHIPPER NAME
Feland Glenn

DATE
ACCOUNT NO.
NA

WEIGHT (LBS.)
1

TIME
CARRIER
AS

FLIGHT
4875

TO
AKC

STREET
Homer AK

TELEPHONE NO (S)
235-
5322

DECLARED VALUE

<i>pb 1030Am</i>	
EXECUTED BY: DATE/TIME	
A	1ST CHARGE <i>10.00</i>
A	2ND CHARGE
A	3RD CHARGE
F	OTHER
I	TAX
B	PICK-UP
C	DELIVER
R	TOTAL <i>10.00</i>

SHIPPER SIGNATURE (SUBJECT TO CONDITIONS OF CONTRACT ON REVERSE)
X *G. Zell*

CONTENTS
paperwork

REMARKS

- ☐ Cash / Ck.
- ☐ Account No.
- ☐ Credit Cd.-Attach ATC-122
- ☐ GBL-Attach GBL

STR
899521

Validata/ARINC APPROVAL

LIABILITY LIMITED BY TARIFF - SEE CONDITIONS ON REVERSE SIDE

808 0049706 6

CONSIGNEE MEMO

CONDITIONS OF CONTRACT

1. In tendering the shipment described herein for carriage, Shipper agrees to these Conditions of Contract which no agent or employee of the parties may alter and agrees that this airbill is non-negotiable and has been prepared by him or on his behalf by the Carrier.
2. It is mutually agreed that the goods described herein is accepted on the validation date hereof in apparent good order (except as noted) for carriage as specified herein, subject to governing classifications and tariffs in effect as of the date hereof which are filed in accordance with law. Said classifications and tariffs are available for inspection by the parties hereto and are hereby incorporated into and made a part of this contract.
3. Liability is limited to value of goods but not more than \$50.00 unless a higher value, not exceeding \$500.00, is declared herein and applicable charges paid thereon.
4. Carrier's routing as shown under flight-date applies unless Shipper inserts specific routing and tenders the shipment in accordance with tariff requirements.
5. International air carriage (as defined in Air Carrier's tariff) is subject to the rules relating to liability established by the Convention for the Unification of Certain Rules relating to International Carriage by Air, signed at Warsaw, October 12, 1929. Agreed stopping places are those places (other than the origin or destination airports) shown under routing and/or those places shown in Air Carrier's timetable as scheduled stopping places for its route.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES 406

PROJECT NAME Exxon Valdez - Homer

ENFORCEMENT OR SPILL NUMBER 89-244-083-1

SAMPLER/ADDRESS Leland P. Glenn Oil Response Center

CHAIN OF CUSTODY ☒ YES ☐ NO COC# 138

509 Sterling Hwy, Homer, AK 99603

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP ☐ YES ☐ NO

SAMPLING ☐ WITHIN ☐ NEAR

59° 21' 18" by 151° 50' 15"

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX				TOTAL # OF				CHECK ONE				EPA				SPECIFIC LOCATION INFORMATION				COMMENTS			
YR	MO	DAY	SE	YR	MO	DAY	TIME	CONTAINERS				VOC	METAL	OIL ID					METHOD																

centered

ENFORCEMENT OR SPILL NUMBER 89-244-083-1

CHAIN OF CUSTODY ☒ YES ☐ NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

59° 21' 18" by 151° 50' 15"

CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES

PROJECT NAME EVO.S

SAMPLER/ADDRESS CLARA S. Crosby PA 509
Sterling Hwy Homer AK 99603

SAMPLING () WITHIN () NEAR 59° 18' 18" 150° 56' 54"

ENFORCEMENT OR SPILL NUMBER 89 214 083 - 1

CHAIN OF CUSTODY (X) YES () NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX	TOTAL # OF	CHECK ONE				EPA	METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS
YR	MO	DAY	SE	YR	MO	DAY	TIME					CONTAINERS	AL	ID							

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Nora J. Crosby</i>	DATE 5/31/91	TIME 15:30	RECEIVED BY: (signature) <i>J. P. [illegible]</i>	DATE 5-31-91	TIME 15:30	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES

PROJECT NAME EVOS

SAMPLER/ADDRESS CLARA S. Crosby Pg 509

Sterling Hwy. Homer Ak 99603

SAMPLING () WITHIN () NEAR 59° 18' 18" 150° 56' 54"

ENFORCEMENT OR SPILL NUMBER 89 214 083 - 1

CHAIN OF CUSTODY (X) YES () NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX	TOTAL # OF	CHECK ONE					EPA	METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS
YR	MO	DAY	SE	YR	MO	DAY	TIME	CONTAINERS	AL	LD												

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Nara S. Crosby</i>	DATE 5/31/91	TIME 15:30	RECEIVED BY: (signature) <i>J. P. [unclear]</i>	DATE 5-31-91	TIME 15:30	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

*entered
7/19*

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS GENE PAVIA, ADEC
ANCHORAGE OSRC

CHAIN OF CUSTODY (X) YES () NO COC# 138

SAMPLING (X) WITHIN () NEAR USO10, USHAGAT ISLAND

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

58° 55' 20" 152° 18' 30"

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX				TOTAL # OF				CHECK ONE				EPA							
YR	MO	DAY	SE	YR	MO	DAY	TIME	CONTAINERS				VOO	METAL	OIL ID	BIRD					METHOD	SPECIFIC LOCATION INFORMATION				COMMENTS						
				<u>T916P021H</u>																											
				<u>91</u>	<u>6</u>	<u>26</u>	<u>20:30</u>					<u>1</u>							<input checked="" type="checkbox"/>		<u>USO10A, USHAGAT I</u>				<u>OILED DEAD</u>						
																					<u>BACKSIDE OF LARGE</u>				<u>SEAGULL, DECAYED</u>						
																					<u>STORM DRIFT BERM,</u>										
																					<u>@ MIDDLE OF BEACH</u>										
																					<u>SW. OF CREEK WHICH</u>										
																					<u>DRAINS VALLEY.</u>										

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <u>Gene Pavia</u>	DATE <u>6/27/91</u>	TIME	RECEIVED BY: (signature) <u>[Signature]</u>	DATE <u>6-28-91</u>	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (exsampling witness) <u>N/A</u>						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:						METHOD OF SHIPMENT FROM FIELD TO LAB:					

extend

ENFORCEMENT OR SPILL NUMBER _____

CHAIN OF CUSTODY (☒) YES () NO COC# _____

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

SAMPLING () WITHIN () NEAR Nimichik Beach State Recreation AREA 60° 03' 12" 151° 40' 30"

[illegible]

matrix?

matrix

PAGE ____ OF ____

extend

ENFORCEMENT OR SPILL NUMBER _____

CHAIN OF CUSTODY (☒) YES () NO COC# _____

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

SAMPLING () WITHIN () NEAR Nimichik Beach State Recreation Area 60° 03' 12" 151° 40' 30"

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Sharie Mathew Jones</i>	DATE <i>6-11-91</i>	TIME <i>1300 PM</i>	RECEIVED BY: (signature) <i>Douglas D Hill</i>	DATE <i>6/11/91</i>	TIME <i>1300</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature) <i>Douglas D Hill</i>	DATE <i>6/19/91</i>	TIME <i>1640</i>	RECEIVED BY: (signature) <i>J.P. Hill</i>	DATE <i>6/19/91</i>	TIME <i>1630</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
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METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

ORIGINAL TO DOUGLAS LAB, 2-SAMPLER, 3-CONTRACT LAB PROGRAM MANAGER, 4-CONTRACT LAB

ORIGINAL TO DOUGLAS LAB, 2-SAMPLER, 3-CONTRACT LAB PROGRAM MANAGER, 4-CONTRACT LAB.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES 406

PROJECT NAME Exxon Valdez - Homer

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS Norma Dudlak Oil Response Center

CHAIN OF CUSTODY ☒ YES ☐ NO COC# 138

509 Sterling Hwy, Homer, AK 99603

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP ☐ YES ☐ NO

SAMPLING () WITHIN () NEAR Mars Cove, Port Dick

enter 7/19

LAB NUMBER		FIELD NUMBER		SAMPLING INFO.		MATRIX		TOTAL # OF		CHECK ONE				EPA		SPECIFIC LOCATION INFORMATION		COMMENTS
YR	MO	DAY	SE	YR	MO	DAY	TIME	CONTAINERS	VOO	METAL	OIL ID				METHOD			
				09	11	00	11	1			X					Mars Cove intertidal biota transect.	See also dupe 091JM001H	
																59° 16' 43"		
																151° 10' 42"		

*24242
Segment 2, T8994
Sub seg 2, A
Port Dick, Mars Cove
24242 104422*

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
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METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

406

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

CHAIN OF CUSTODY ☒ YES () NO COC# 738

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

entire

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
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PAGE 05

406

ENFORCEMENT OR SPILL NUMBER

ENFORCEMENT OR SPILL NUMBER. 89-~~2~~7-083-1

CHAIN OF CUSTODY ☒ YES () NO

CHAIN OF CUSTODY ☒ YES ☐ NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

SAMPLING () WITHIN (X) NEAR Mare Cove Intertidal Biota Transects.

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (sig.) <i>Jane Middleton</i>	(signature) <i>Norma Rudolph</i>	DATE <i>6/21</i>	TIME <i>1350</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	
RELINQUISHED BY: (signature)	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)				CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:						
METHOD OF SHIPMENT FROM LAB TO FIELD:		METHOD OF SHIPMENT FROM FIELD TO LAB:								

406

ENFORCEMENT OR SPILL NUMBER

CHAIN OF CUSTODY ☒ YES ☐ NO

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Jane Middleton</i>	DATE <i>6/21</i>	TIME <i>1350</i>	RECEIVED BY: (signature) <i>Norma Rudolph</i>	DATE <i>6/21</i>	TIME <i>1350</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
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ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES

PROJECT NAME Exxon Valdez - Homer

SAMPLER/ADDRESS: Clara S. Crosby

509 Sterling Hwy, Homer, AK. 99603

SAMPLING () WITHIN ~~THE~~ NEA. WB-9 Oystercatcher Is.

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

CHAIN OF CUSTODY ☒ YES ☐ NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

entire
7/19

[illegible]

CHAIN OF C

RELINQUISHED BY: (signature) <i>Clara S. Crosby</i>	DATE <i>7/2/91</i>	TIME <i>1720</i>	RECEIVED BY: (signature) <i>Norma Dudlak</i>	DATE <i>7/2/91</i>	TIME <i>1722</i>
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()			CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()		
COMMENTS: (ex:sampling witness)			COMMENTS:		
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:		

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES

PROJECT NAME Exxon Valdez - Homer

SAMPLER/ADDRESS: Clara S. Crosby

509 Sterling Hwy, Homer, AK. 99603

SAMPLING () WITHIN ~~THE~~ NEA. WB-9 Oystercatcher IS.

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

CHAIN OF CUSTODY ☒ YES () NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

entire
2/19

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Clara S. Crosby</i>	DATE <i>7/2/91</i>	TIME <i>1720</i>	RECEIVED BY: (signature) <i>Norma Dudlak</i>	DATE <i>7/2/91</i>	TIME <i>1720</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

sent 7/19

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS Jane Middleton

CHAIN OF CUSTODY (X) YES () NO COC# 138

Oil Response Center, 509 Sterling Hwy, Homer, AK, 99603

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR Boatlegger Cove. BC-002

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX		TOTAL # OF		CHECK ONE						EPA		SPECIFIC LOCATION INFORMATION		COMMENTS	
YR	MO	DAY	SE	YR	MO	DAY	TIME					CONTAINERS		VOC	METAL	OIL ID						METHOD					
				<i>09171002H</i>				91	7	11	1055	mousse	1			✓							59° 12' 42" N				
																						151° 18' 6" W					
																						Found under cobble in					
																						Fucus bed.					

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Jane Middleton</i>	DATE <i>7/18/91</i>	TIME <i>1330</i>	RECEIVED BY: (signature) <i>[Signature]</i>	DATE <i>7/18/91</i>	TIME <i>13:30</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

1A-1401 (3/89)

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS NORMA DUDIAX

CHAIN OF CUSTODY (X) YES () NO COC# 138

~~ROMER~~ ADFG

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (x) YES () NO

SAMPLING () WITHIN () NEAR BOOTLEGGER COVE

copy

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX	TOTAL # OF	CHECK ONE						EPA									
YR	MO	DY	SE	YR	MO	DY	TIME					CONTAINERS	VOC	METAL	OIL ID				METHOD	SPECIFIC LOCATION INFORMATION								COMMENTS	
				09	1	N	D	002H	9	1	7	11	1053								BOOTLEGGER COVE, FIRST BEACH NE OF ROCKY POINT, 59°12'42" N, 151°18'6" W.								
																				TAKEN ON INTERTIDAL BIOTA TRANSECT									
																				PC-002-A4 QUADRAT 9. UNDER ROCKS IN FUCHUS ZONE, LEAVING RAINBOW + SILVER SHEENS WHEN WE STEPPED ON THE ROCKS COVERING IT.									
																				SEE ALSO JANE MIDDLETON DUPLICATE SAMPLE #0915M002H									

RELINQUISHED BY: (signature) <i>Norma Dudick</i>	DATE 7/17/91	TIME 1300	RECEIVED BY: (signature) <i>[Signature]</i>	DATE 7/17/91	TIME 1300	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

GROUP NO. 1 ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS L.P. Glenn - AK Dept of Fish & Game

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Rd Anch, AK 99518-1599

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR PWS and Gulf of Alaska

LAB ANALYSIS - Biomarkers Only

GERG		LAB NUMBER	FIELD NUMBER	SAMPLING INFO.		MATRIX	TOTAL # OF	CHECK ONE					EPA	SPECIFIC LOCATION INFORMATION		COMMENTS	
YR	MO	DAY	SE	YR		MO	DAY	TIME	CONTAINERS	VOC	METAL	OIL ID			METHOD		
ADF&G SAMPLE No.																	
				LPG	7	25	89	1345				✓				Cook Inlet Redoubt Cr	No 89DDH016H
				RRCI	1	0						✓				Cook Inlet W Foveland	No 89RRO08H
				RRCI	1	1						✓				Cook Inlet Kenai R	No 89RRO10H
				DDH	8	12	89	1330				✓				Barren Isl. US-10	No 89DDH041H
				O-91-LPG	0	0	1	H				✓				Port Graham	No 091LPG001H
				GDR116								✓				AK Peninsula, Agripina Bay	No 89GDR001K
				WD6128901								✓				AK Peninsula, Cape Providence	No 89CWD123K
				JAB003								✓				AK Peninsula, Castle Bay	No 89JAB001K
				JTV086								✓				AK Peninsula, near Hag Peak	No 89JTV129K
				AWS181								✓				AK Peninsula, Kupreanof Point	No 89AWS001K
				TDG018								✓				Tugidak Is., Tugidak Lagoon	No 89TDG170K

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>L.P. Glenn</i>	DATE 7/24/91	TIME 8:00 hrs	RECEIVED BY: (signature) <i>L. Sundet</i>	DATE 7/24/91	TIME 0800	RELINQUISHED BY: (signature) <i>L. Sundet</i>	DATE 07/29/91	TIME 1100	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB: FED. EXPRESS 24 HRS								

GROUP NO. 2 ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS L.P. Glenn AK Dept of Fish & Game

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Rd Anch, AK. 99518-1599

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR PLUS and Gulf of Alaska

LAB ANALYSIS = PAH AND Aliphatic including
Pristane and Phytane

GERG		LAB NUMBER	FIELD NUMBER	SAMPLING INFO.	MATRIX	TOTAL # OF	CHECK ONE				EPA	METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS
YR	MO	DAY	SE	YR	MO	DAY	TIME	CONTAINERS	VOC	METAL	OIL ID			
ADF&G SAMPLE NO.														
				91	7	F003V								Knight Is. Morsha Bay No 5917F003V
				91	7	F009V								Evans Is. Shelter Bay No 5917F009V

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>L.P. Glenn</i>	DATE 7/24/91	TIME 8:00 AM	RECEIVED BY: (signature) <i>K. Sunde</i>	DATE 7/24/91	TIME 0800	RELINQUISHED BY: (signature) <i>K. Sunde</i>	DATE 07/24/91	TIME 1100	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB: <i>Fed Express 24 hrs</i>								

GROUP No. 3 ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS L.P. Glenn: Ak Dept of Fish & Game

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Rd Anch. Ak. 99518-1599

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR PWS and Gulf of Alaska

LAB ANALYSIS = Biomarkers, PAH & Aliphatic Including Pristane and Phytane

GERG		LAB NUMBER		FIELD NUMBER		SAMPLING INFO.		MATRIX		TOTAL # OF		CHECK ONE				EPA							
YR		MO		DY		SE		YR		MO		DY		TIME		CONTAINERS		METHOD		SPECIFIC LOCATION INFORMATION		COMMENTS	
ADF&G SAMPLE NO.																							

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>L.P. Glenn</i>	DATE 9/24/91	TIME 8:00 AM	RECEIVED BY: (signature) <i>K. Suedet</i>	DATE 07/24/91	TIME 0800	RELINQUISHED BY: (signature) <i>K. Suedet</i>	DATE 07/24/91	TIME 1100	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB: FED EXPRESS - 24 HRS								

entered into
All samples 7/30/91
Rg

GROUP NO. 1 ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL ENFORCEMENT OR SPILL NUMBER 89-214-083-1
SAMPLER/ADDRESS L.P. Glenn-AK. Dept of Fish & Game CHAIN OF CUSTODY (X) YES () NO COC# 138
333 Raspberry Rd Anch. Ak 99518-1599 CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO
SAMPLING () WITHIN () NEAR PWS and Gulf of Alaska LAB ANALYSIS - Biomarkers Only

GERG LAB NUMBER		FIELD NUMBER	SAMPLING INFO.		MATRIX	TOTAL # OF	CHECK ONE				EPA	SPECIFIC LOCATION INFORMATION		COMMENTS
YR-MO-DY-SE		YR-MO-DY-TIME				CONTAINERS	VOC	METAL	OIL ID			METHOD		
ADF&G SAMPLE NO.														
		LPG	7	25	89	1345			✓			✓	Cook Inlet Redoubt Cr	No 89DDH016H
		RRCI	1	0					✓			✓	Cook Inlet W Foreland	No 89RRC008H
		RRCI	1	1					✓			✓	Cook Inlet Kenai R	No 89RRC010H
		DDH	8	12	89	1330			✓			✓	Barren Isl. US-10	No 89DDH041H
		O-91-LPG	0	0	1	H			✓			✓	Port Graham	No 091LPG001H
		GDR 116							✓			✓	AK Peninsula, Agripina Bay	No 89GDR001K
		WDG128901							✓			✓	AK Peninsula, Cape Providence	No 89WD123K
		JAB 003							✓			✓	AK Peninsula, Castle Bay	No 89JAB001K
		JTV 086							✓			✓	AK Peninsula, near Hag Peak	No 89JTV129K
		AWS 181							✓			✓	AK Peninsula, Kupreanof Point	No 89AWS001K
TDG 018									✓			✓	Tugidak Is., Tugidak Lagoon	No 89TGI706K

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>L.P. Glenn</i>	DATE 7/24/91	TIME 8:00 AM	RECEIVED BY: (signature) <i>L. Sulest</i>	DATE 7/24/91	TIME 0800	RELINQUISHED BY: (signature) <i>L. Sulest</i>	DATE 07/29/91	TIME 1100	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB: FED. EXPRESS 24 HRS								

extreme
in to AM says
7/30/91

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

CHAIN OF CUSTODY (X) YES () NO COC# 138

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP ☒ YES ☐ NO

LAB ANALYSIS = PAH AND ALIPHATIC including
Pristane and Phytane

EPA

COMMENTS

[illegible]

PAGE ____ **OF** ____

GROUP No. 3 ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS L.P. Glenn - AK Dept of Fish & Game

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Rd Anch. Ak. 99518-1599

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR PWS and Gulf of Alaska

LAB ANALYSIS = Biomarkers, PAH & Aliphatic Including Pristane and Phytane

GERG		LAB NUMBER	FIELD NUMBER	SAMPLING INFO.		MATRIX	TOTAL # OF	CHECK ONE					EPA	METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS	
YR	MO	DAY	SEC	YR	MO	DAY	TIME	CONTAINERS	VOC	METAL	OIL ID						
				ADF&G SAMPLE NO.													
				091ND	002	H	1053				✓				✓	Boat/legger - BC-002	NO 091ND002H
				91CSC	003						✓				✓	Tonsina - Grim Beach	091CSC003H
				91CSC	005						✓			MATRIX?		Oystercatcher Isl. WB-9	091CSC005H
				90EWW	002	K					✓				✓	AK Peninsula, Douglas Creek	90EWW002K
				KAP	4-2-1						✓				✓	AK Peninsula, Hallo Creek	89TG166K
				091JPB	002	K					✓				✓	AK Peninsula, Bear Lake Cr.	091JPB002K
				90JPB	003	K					✓					AK Peninsula, Helen Creek	90JPB003K
				A4-1-1							✓				✓	Afognak Is., Izhut Bay	89RDP21K
				S3-1-2							✓				✓	Shuyak Is., Andrean Bay	89RT017KD
				K5-4-1							✓				✓	Kodiak Is., Cape Kulik	89JPB026K
				K6-1-1							✓				✓	Kodiak Is., Sturgeon Lagoon	89RT036K

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>L.P. Glenn</i>	DATE 8/24/91	TIME 8:00 AM	RECEIVED BY: (signature) <i>A. Suedet</i>	DATE 07/16/91	TIME 0800	RELINQUISHED BY: (signature) <i>A. Suedet</i>	DATE 07/16/91	TIME 1100	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB: <i>FED EXPRESS - 24 HRS</i>								

ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS NORMA DUDIAK

CHAIN OF CUSTODY (X) YES () NO COC# 138

HOMER ADF&G

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR BOOTLEGGER COVE

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX				TOTAL # OF				CHECK ONE				EPA				
YR	MO	DY	SE	YR	MO	DY	TIME	CONTAINERS				VOC	METAL	OIL ID						METHOD	SPECIFIC LOCATION INFORMATION				COMMENTS			
				09	11	02	1053				1			X							BOOTLEGGER COVE, FIRST BEACH NE OF ROCKY							
																					POINT, 59°12'42" N, 151°18'6" W.							
																					TAKEN ON INTERTIDAL BIOTA TRANSECT							
																					RC-002-A4 QUADRAT 9. UNDER ROCKS IN							
																					FUCUS ZONE, LEAKING RAINBOW + SILVER							
																					SHEENS WHEN WE STEPPED ON THE							
																					ROCKS COVERING IT.							
																					SEE ALSO JANE MIDDLETON DUPLICATE							
																					SAMPLE #091 JM 0024							

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>Norma Dudiak</i>	DATE <i>7/17/91</i>	TIME <i>1300</i>	RECEIVED BY: (signature) <i>J.P. [Signature]</i>	DATE <i>7/17/91</i>	TIME <i>1300</i>	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:						METHOD OF SHIPMENT FROM FIELD TO LAB:					



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

1st long ✓

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately precedes his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. RRCE-10 Assigned Laboratory No. _____

Sample Description Tar ball 6" x 3"

Container Description 160 ml Glass Jar

Location taken Cook Inlet mudflats in

West

Latitude 60.39.54 Longitude 151.41.38

Person taking sample Rick Randall Signature Rick Randall

Title Ecotech II Agency ADFG

Date collected 7-13-89 Time collected 12:18

Witness Evan Brown Signature Evan Brown

Witness _____ Signature _____

1. Transferred to Norma Dudiak via Hand

For purposes of Holding

Date 7-14-89 Time 12:00 hrs

Received by NORMA DUDIAK Signature Norma Dudiak

Disposition _____

2. Transferred to RICK RANDALL via hand

For purposes of _____

Date 10-5-89 Time 1000

Received by Rick Randall Signature Rick Randall

Disposition _____

3. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

4. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

5. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

6. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

This section to be completed by the Laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return to:
 Sample to: Environmental Technician
 Department of Environmental Conservation
 Douglas Laboratory Facility
 750 St. Ann's Ave., Douglas, Alaska 99824

or
 Sample Custodian:
 Department of Environmental Conservation
 510 South Alaska Street
 P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAIN-OF-CUSTODY LOG

Sample No 89 RR010H

Use one log for each sample. Enclose with shipping container.

1st long ✓

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means:

Sample No. RRCE-11 Assigned Laboratory No. _____
Sample Description Tar ball 1 1/2" Diameter, 3/4" thick
Container Description 160 ml Glass Jar
Location taken Cook Inlet middle rip off mouth of Kenai River
Latitude 60.395460.3416 28 Longitude 151.4138151.30 8 21
Person taking sample Rick Randall Signature Rick Randall
Title Fish Tech II Agency ADFG
Date collected 7-17-89 Time collected 1430
Witness Ivan Brown Signature Ivan Brown
Witness _____ Signature _____

☐ No

☐ Yes

Inspector's Seal Intact

1. Transferred to Norma Dudiak via Hand
For purposes of Holding
Date 7-14-89 Time 1700 hrs
Received by NORMA DUDIAK Signature Norma Dudiak
Disposition _____

2. Transferred to RICK RANDALL via HAND
For purposes of _____
Date 10-5-89 Time 1000
Received by Rick Randall Signature Rick Randall
Disposition _____

3. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

4. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

5. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

6. Transferred to _____ via _____
For purposes of _____
Date _____

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Sample Station: Environmental Technician
Department: Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1038, Palmer, Alaska 99645

59° 21' 18" N 151° 50' 15" W

IN OF CUSTODY RECORD

METHOD OF SHIPMENT FROM FIELD TO LAB:

ALL U.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION REQUEST FOR LABORATORY SERVICES

① PROJECT NAME Exxon/VALDEZ

② SAMPLER/ADDRESS Douglas D. Hill

509 Sterling Hwy, Homer, AK. 99603

③ SAMPLING () WITHIN () NEAR Bio-Remediation Site

④ ENFORCEMENT OR SPILL NUMBER 89-2-4-083-1

⑤ CHAIN OF CUSTODY ☒ YES () NO COC# 138

⑥ CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP () YES () NO

Sample No 89DD4041H

LAB NUMBER		FIELD NUMBER		SAMPLING INFO.		MATRIX	TOTAL # OF	CHECK ONE ⑪	EPA					
YR	MO	DY	SE	YR	MO	DY	TIME	CONTAINERS	VOC	METAL	OIL ID	METHOD ⑫	SPECIFIC LOCATION INFORMATION ⑬	COMMENTS ⑭
			⑦	89	8	12	1330	oil	Z	X			US-10-DDH/LPG-8/12/89-	
			DDH/LPG										1330	
			8/12/89										Barren Islands -	
			1330										Uchagat Island.	
													In trough behind	
													winter storm berm.	
													Picked up just prior to	
													bic-remediation	
												✓	59° 55' 20"	
													152° 12' 20'	
													18 30	

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>[Signature]</i>	DATE 9/3/81	TIME 0830	RECEIVED BY: (signature) <i>[Signature]</i>	DATE 9/3/81	TIME 0830	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ecsampling witness) 17						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB: 16			18 PAGE 05					

ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS JEFFREY P. BARNHART

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Road, Anchorage AK

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN (X) NEAR Boys Lake Creek ASC 262-10-10260
Alaska Peninsula K10-2 AR-02

LAB NUMBER				FIELD NUMBER				SAMPLING INFO.				MATRIX		TOTAL # OF		CHECK ONE						EPA		SPECIFIC LOCATION INFORMATION				COMMENTS	
YR MO DY SE				YR MO DY TIME				CONTAINERS		VOC	METAL	OIL ID						METHOD											
				0913PB002	91	6	13	1350	mouse sand	1																			From Stream Bank

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
<i>Jeffrey P. Barnhart</i>	6/24/91	1315	<i>Mark Ford</i>	6/24/91	1315	<i>Mark Ford</i>	7/24/91	10:30	<i>[Signature]</i>	7-24-91	10:00
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()					
COMMENTS: (ex: sampling witness)						COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:						METHOD OF SHIPMENT FROM FIELD TO LAB:					

*Sent to Texas A&M
for analysis on 7/24/91.*

90-678

PAGE ____ OF ____



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. AW5 181 *Sample # 89AWS001K* Assigned Laboratory No. _____
Sample Description muscle Patty
Container Description glass jar w/ teflon lid sealed w/ evidence tape
Location taken 275-40 Beach 1/4 mile east of Kuparuk Point
(Just inside Point)
Latitude 55° 35' 67" Longitude 159° 38' 86"
Person taking sample Avron Soderberg Signature Avron Soderberg
Title Fish Tech III Agency ADF & G
Date collected 8/5/89 Time collected 1725
Witness Gale Lindal Signature Gale Lindal
Witness _____ Signature _____

- Transferred to Ann Dill via Hand
For purposes of Safe & Secure Storage
Date 9/3/89 Time 1815
Received by Ann Dill Signature Ann Dill
Disposition Frozen intact
- Transferred to Mark Fink via hand
For purposes of Shipment for lab analysis
Date 6/10/91 Time 1500
Received by Mark Fink Signature Mark Fink
Disposition Frozen intact
- Transferred to Leland P. G. Gears via Hand
For purposes of Shipment to Texas A & M Lab
Date 7-24-91 Time 1000 AM
Received by Leland P. G. Gears Signature Leland P. G. Gears
Disposition Frozen
- Transferred to _____ via Sent to Texas A & M
For purposes of for analysis, 7/24/91
Date _____ Time _____
Received by _____ Signature _____
Disposition _____
- Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____
- Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the Laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. JTV086 Sample ID = 89JTV129K Assigned Laboratory No. _____
Sample Description mouse interspersed with scurf
Container Description glass jar with teflon lid
Location taken 3/4 mi. NW of Hwy Peak

Latitude 55°42.37 Longitude 159°33.69'
Person taking sample Joy Vinat Signature Joy Vinat
Title Fisheries Biologist Agency ADF&G
Date collected 8/13/89 Time collected 1821
Witness Breg Ranallo Signature B Ranallo
Witness _____ Signature _____

1. Transferred to ANN DILL via HAND
For purposes of SECURE STORAGE
Date 09-18-89 Time 1015
Received by ANN DILL Signature Ann Dill
Disposition FROZEN INTACT

2. Transferred to Mark Fink via hand
For purposes of shipment for lab analysis
Date 6/16/91 Time 1500
Received by Mark Fink Signature Mark Fink
Disposition Frozen/Intact

3. Transferred to Robert P. Gleason via Hand
For purposes of Shipment to Texas A&M Lab
Date 7-24-91 Time 10:00 AM
Received by Robert P. Gleason Signature Robert P. Gleason
Disposition Frozen

4. Transferred to _____ via Sent to Texas A&M
For purposes of for analysis, 7/24/91
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

5. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

6. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____
Summary results _____
Volume of sample remaining _____
Disposition of unused portion _____
Signature _____
Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
PO. Box 1086, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

SAMPLED - JABADIK

Sample No. JAB 003 Assigned Laboratory No. _____
Sample Description MOUSSE
Container Description GLASS JAR WITH TEFLON LID
Location taken BEACH ON N.W. END CASTLE BAY - BACKSIDE OF JACK PT
Latitude 56° 17' 0 Longitude 158° 12' 4
Person taking sample Jeff Bulla Signature Jeff Bulla
Title TECH II Agency AK FISH & GAME
Date collected 7-15-89 Time collected 1130
Witness GARY BACKS Signature GARY BACKS
Witness _____ Signature _____

1. Transferred to Geoff Ward via HAND
For purposes of SAFE AND SECURE KEEPING
Date 7-16-89 Time 1717
Received by Geoff Ward Signature Geoff Ward
Disposition FROZEN AND INTACT

2. Transferred to Scott F. Shelton via HAND
For purposes of Transport to ADF+G Kadick
Date 7-27-89 Time 2100
Received by Scott F. Shelton Signature Scott F. Shelton
Disposition Frozen + Intact

3. Transferred to Ann Dill via hand
For purposes of VACUUM STORAGE
Date 7-31-89 Time 1300
Received by Ann Dill Signature Ann Dill
Disposition frozen intact

4. Transferred to Mark Fink via hand
For purposes of Shipment for lab analysis
Date 6/10/91 Time 1800
Received by Mark Fink Signature Mark Fink
Disposition frozen intact

5. Transferred to Robert P. Gleason via Hand
For purposes of Ship to Texas A&M lab
Date 7-24-91 Time 10:00 AM
Received by Robert P. Gleason Signature Robert P. Gleason
Disposition Frozen

6. Transferred to _____ via Sent to Texas A&M for
For purposes of analysis, 7/24/91
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the Laboratory Analyst:

Analyses completed _____
Summary results _____
Volume of sample remaining _____
Disposition of unused portion _____
Signature _____
Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately precedes his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. WD6128901 Sample ID = 89CWD123K
Assigned Laboratory No. _____
Sample Description Moose with Fine sand
Container Description Precleaned Jar w/ teflon lid
Location taken North side Cape Providence ≈ 1.5 mile west of Cape

Latitude ~~56° 59' 35"~~ 56° 59' 35" Longitude 156° 33' 05"
Person taking sample Wayne Dolezal Signature C. Wayne Dolezal
Title Habitat Biologist Agency ADF-G
Date collected 6/12/89 Time collected 11:30 AM
Witness KEVIN BRUNNAN ADF-G Signature Kevin Brunnan
Witness Michelle Wiegner Signature Michelle Wiegner

1. Transferred to L. Smith via hand
For purposes of Safe, secure storage
Date 6-22-89 Time 11:55
Received by L. Smith Signature L. Smith
Disposition frozen intact

2. Transferred to Ann Dill via hand
For purposes of secure storage
Date 6/30/89 Time 1030
Received by Ann Dill Signature Ann Dill
Disposition Frozen, intact

3. Transferred to Mark Fink via _____
For purposes of analysis - Texas A+M
Date 5/20/91 Time 11:27 a.m.
Received by Mark Fink Signature _____
Disposition FTG freezer

4. Transferred to Leland P. Gleason via Hand
For purposes of Shipment K. Fink to his
Date 7-24-91 Time 10:00 AM
Received by Leland P. Gleason Signature Leland P. Gleason
Disposition Frozen

5. Transferred to _____ via Sent to Texas A+M for
For purposes of analysis, 7/24/91
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

6. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824

or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

SAMPLEID = 84GDA001K

Sample No. 6-DR116 Assigned Laboratory No. _____

Sample Description MOUSSE Ball

Container Description Glass jar w/ Teflon

Location taken Between Agassiz and Gailick black rocks

Latitude 57° 07' 14" Longitude 156° 22' 83"

Person taking sample John A. Woodard Signature [Signature]

Title TECH II Agency ASFCG

Date collected 2/18/90 Time collected 2221

Witness _____ Signature _____

Witness John A. Woodard Signature [Signature]

1. Transferred to Scott Shelton ADEC via Hand

For purposes of Safe Secure Storage

Date 7/20/89 Time 1330

Received by Scott Shelton Signature [Signature]

Disposition intact, room temperature

2. Transferred to Roger J. Hensel via hand

For purposes of Safe and Secure Storage

Date 7/21/89 Time 1019

Received by Roger J. Hensel Signature [Signature]

Disposition Freezer Storage

3. Transferred to Ann Dill via hand

For purposes of Secure Storage

Date 7-21-89 Time 1430

Received by Ann Dill Signature [Signature]

Disposition Frozen, intact

4. Transferred to Mark Fink via hand

For purposes of Lab at Texas A&M

Date 5/20/91 Time 1142

Received by Mark Fink Signature Mark Fink

Disposition Frozen, intact

5. Transferred to Deland P. Glenn via Hand

For purposes of Shipment to Texas A&M Lab

Date 7-24-91 Time 10:00 AM

Received by Deland P. Glenn Signature [Signature]

Disposition Frozen

6. Transferred to _____ via Sent to Texas A&M for

For purposes of analysis, 7/24/91

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824

or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. 90JPB003K Assigned Laboratory No. _____

Sample Description o.i. mousse

Container Description Precleaned glass jar w. Teflon lid

Location taken Helen Creek AFS 262-70-10010 K10-7 PB-16

Latitude 57° 45' 20" Longitude 155° 29' 9"

Person taking sample JEFF BARNHART Signature Jeff Barnhart

Title Fisheries Biologist I Agency ADFG Habitat Div.

Date collected 6/29/90 Time collected 1210 hours

Witness _____ Signature _____

Witness _____ Signature _____

1. Transferred to K.R. Middleton via hand
For purposes of Transfer to Anchorage storage
Date 9-11-90 Time 1100
Received by K.R. Middleton Signature K.R. Middleton
Disposition _____

2. Transferred to Mark Fink via hand
For purposes of Texas A+M
Date 6/20/91 Time 11:25
Received by Mark Fink Signature Mark Fink
Disposition _____

3. Transferred to Robert P. Gleason via 7-24-91
For purposes of Shipment K lab.
Date 7-23-91 Time 10:00 AM
Received by Robert P. Gleason Signature Robert P. Gleason
Disposition Frozen

4. Transferred to _____ via Sent to Texas A+M
For purposes of for analysis, 7/24/91
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

5. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

6. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

() Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
() Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Box K4

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample ID A4-1-1 ^{Duplicate} A4-1-2 samples Assigned Laboratory No. _____

Sample Description meadow

Container Description Preserved 250 ml glass jar with Teflon lid. EPA Type II

Location taken John T. Bay, Aleutian Island, AF-253-3-10020
Site A4-1

Latitude 58° 14' 40" W Longitude 153° 14' 20" W

Person taking sample Roger Dunbar Signature Roger Dunbar

Title FAW Tech II Agency ADPAC

Date collected 9/2/89 Time collected 0930 - 1030

Witness _____ Signature _____

Witness JEFF BARNHART Signature Jeff Barnhart

1. Transferred to A.K. Hensel via hand

For purposes of Transfer to ADPAC Building

Date 10/13/89 Time 11:00

Received by Randy Talvi Signature Randy Talvi

Disposition _____

2. Transferred to NOTE: TAKEN FOR LAB TEST A4-1-1 O.V. 5/9/91 via _____

For purposes of _____

Date _____ Time Jim Crona

Received by _____ Signature Mark Fink

Disposition _____

3. Transferred to Mark Fink via hand

For purposes of shipment to lab

Date 5/9/91 Time 1000

Received by Mark Fink Signature Mark Fink

Disposition frozen

4. Transferred to Leland P. G. Jones via HAND

For purposes of Shipment to Lab

Date 7-23-91 Time 10:00 AM

Received by Leland P. G. Jones Signature Leland P. G. Jones

Disposition _____

5. Transferred to _____ via A4-1-1 sent

For purposes of to Texas A&M

Date _____ Time for laboratory analysis

Received by _____ Signature 7/24/91

Disposition original C-O-C

6. Transferred to _____ via left w/ A4-1-2

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
PO. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately precedes his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. 53-1-1 and 53-1-2 Assigned Laboratory No. _____

Sample Description oil

Container Description Picnic bucket 250 ml glass jar with Teflon lid lined EPA Type II

Location taken Indian Bay, By Fife Channel, Smyth Island SITE 53-1

Latitude 59° 30' 0" N Longitude 152° 26' 0" W

Person taking sample Randy Talvi Signature Randy Talvi

Title Fisheries Tech II Agency ADFG

Date collected 09/01/89 Time collected 1030

Witness JEFF BARNHART Signature Jeff Barnhart

Witness _____ Signature _____

1. Transferred to D. L. Hensel via hand

For purposes of Transfer to ADFG Fish Lab

Date 10/13/89 Time 11:00

Received by Randy Talvi Signature Randy Talvi

Disposition _____

2. Transferred to Mark Fink via hand

For purposes of shipment to Texas A&M

Date 5/9/91 Time 1000

Received by Mark Fink Signature Mark Fink

Disposition frozen

3. Transferred to Leland P. Gleason via 14-ml

For purposes of Shipment to lab

Date 7-23-91 Time 10:00

Received by Leland P. Gleason Signature Leland P. Gleason

Disposition Frozen

4. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

5. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

6. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Box K-7

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Duplicate samples

Sample No. K5-4-1 and K5-4-2 Assigned Laboratory No. _____

Sample Description a.1

Container Description Precleaned 250 ml glass jar with Teflon lid liner. EPA Type II

Location taken Station located 2 mi. South of C. Kuluk, Kodiak Island.

Site K5-4

Latitude 57° 46' 30" N

Longitude 153° 55' 35" W

Person taking sample JEFF BARNHART

Signature Jeff Barnhart

Title _____

Agency ADF&G

Date collected 09/03/89

Time collected 1500

Witness _____

Signature _____

Witness Roger Dunbar

Signature Roger Dunbar

1. Transferred to Dick Hensel via hand

For purposes of Transfer to ADF&G Anchorage office

Date 10/13/89

Time 1000

Received by Randy Talu

Signature Randy Talu

Disposition _____

2. Transferred to Mark Fink (K-5-4-1) via _____

For purposes of Texas A&M transfer for analysis

Date 5/20/91

Time 10:55 a.m.

Received by Mark Fink

Signature _____

Disposition _____

3. Transferred to Leland P. Glenn via Hand

For purposes of Shipment K 106

Date 7-23-91

Time 10:00

Received by Leland P. Glenn

Signature Leland P. Glenn

Disposition Frozen

4. Transferred to _____ via _____

For purposes of K5-4-1 sent to

Date _____ Time Texas A&M for

Received by _____ Signature analysis

Disposition 5/24/91

5. Transferred to _____ via Original C-O-C

For purposes of w/ K5-4-2

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

6. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

This section to be completed by the Laboratory Analyst.

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately precedes his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample 6. K6-1-1 ^{Duplicate sample} K6-1-2 Assigned Laboratory No. ACT036K, 89ACT036KD
Sample Description Oil

Container Description 250 ml glass jar w/ Teflon lid liner, EPA Type II
Location taken Sturgeon River / Highway, Kodiak Island site K6-1

Latitude 57° 30' 15" N Longitude 154° 30' 1" W
Person taking sample Randy Talvi Signature Randy Talvi
Title Fisheries Tech. II Agency ADF&G
Date collected 09/04/99 Time collected 1050
Witness _____ Signature _____
Witness Roger Dunbar Signature Roger Dunbar

1. Transferred to Dick Hinsel via hand
For purposes of Transport to ADF&G Anchorage office
Date 10/13/99 Time 10:00
Received by Randy Talvi Signature Randy Talvi
Disposition _____

2. Transferred to Mark Fink via hand
For purposes of shipment to lab at Texas A&M
Date 5/9/01 Time 10:00
Received by Mark Fink Signature Mark Fink
Disposition Frozen

3. Transferred to Deland P. Gleason via Hand
For purposes of Shipment to Texas A&M lab
Date 7-23-91 Time 10:00
Received by Deland P. Gleason Signature Deland P. Gleason
Disposition Frozen

4. Transferred to _____ via K6-1-1 sent to Texas
For purposes of A&M for analysis
Date _____ Time 7/24/01
Received by _____ Signature _____
Disposition Original C-O-C w/ K6-1-2

5. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

6. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

SAMPLED = 89TG170K

Sample No. T03018 Assigned Laboratory No. _____

Sample Description MOUSSE w/ SAND

Container Description TEFLON LID GLASS JAR

Location taken S.W. TIP OF SPIT INSIDE TUGINAK LAGOON TIDAL FLAT

Latitude 56° 30' 9" N Longitude 154° 29' 4" W

Person taking sample TERRY GIEGERICH Signature [Signature]

Title FISH & GAME TECH III Agency HABITAT ADF&G

Date collected 6/24/89 Time collected 1241 hrs

Witness ED WEISS Signature [Signature]

Witness _____ Signature _____

1. Transferred to ANN DILL via HAND

For purposes of SAFE & SECURE STORAGE

Date 6/30/89 Time 0838

Received by ANN DILL Signature [Signature]

Disposition FROZEN AND INTACT

2. Transferred to Mark Fink via Hand

For purposes of TEXAS A&M

Date 6/30/91 Time 1145

Received by Mark Fink Signature [Signature]

Disposition _____

3. Transferred to Robert P. Glenn via Hand

For purposes of Shipment to Texas A&M 106

Date 7-23-91 Time 1000

Received by Robert P. Glenn Signature [Signature]

Disposition Frozen

4. Transferred to _____ via sent to Texas A&M

For purposes of for analysis.

Date _____ Time 7/24/91

Received by _____ Signature _____

Disposition _____

5. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

6. Transferred to _____ via _____

For purposes of _____

Date _____ Time _____

Received by _____ Signature _____

Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____

Summary results _____

Volume of sample remaining _____

Disposition of unused portion _____

Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824

or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99845



STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHAIN-OF-CUSTODY LOG

Use one log for each sample. Enclose with shipping container.

The last person whose signature appears on this log certifies he/she has received the sample described below from the person whose signature immediately proceeds his/hers, and is according the sample proper custody by maintaining it in his/her physical possession or constant view or by storing in a secure tamper proof storage area. Transfers must be hand-to-hand, by registered mail, or other tamper proof means.

Sample No. 90EW002K Assigned Laboratory No. _____
Sample Description OIL MOUSSE
Container Description PRECLEANED GLASS JAR WITH TEFLON LID
Location taken TIAL FLATS OF DOUGLAS CREEK LAGOON

Latitude 58 50 51 Longitude 153 18 41
Person taking sample EDWARD WEISS Signature Edward W. Weiss
Title PT III Agency AALFG HABITAT
Date collected 5-2-90 Time collected 1145
Witness _____ Signature _____
Witness _____ Signature _____

1. Transferred to K.R. Middleton via hand
For purposes of transfer to Anchorage storage
Date 9-11-90 Time 0945
Received by K.R. Middleton Signature K.R. Middleton
Disposition _____

2. Transferred to Mark Fink via hand.
For purposes of Texas ATM
Date 5/30/91 Time 11:25
Received by Mark Fink Signature _____
Disposition _____

3. Transferred to Leland P. Glavin via Hand
For purposes of Shipment to Texas A&M
Date 7-23-91 Time 10:05
Received by Leland P. Glavin Signature Leland P. Glavin
Disposition Frozen

4. Transferred to _____ via Sent to Texas A&M
For purposes of for analysis.
Date _____ Time 7/24/91
Received by _____ Signature _____
Disposition _____

5. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

6. Transferred to _____ via _____
For purposes of _____
Date _____ Time _____
Received by _____ Signature _____
Disposition _____

This section to be completed by the laboratory Analyst:

Analyses completed _____
Summary results _____
Volume of sample remaining _____
Disposition of unused portion _____
Signature _____

Inspector's Seal Intact ☐ Yes ☐ No

Return this form to:
Sample Custodian: Environmental Technician
Department of Environmental Conservation
Douglas Laboratory Facility
750 St. Ann's Ave., Douglas, Alaska 99824
or
Sample Custodian:
Department of Environmental Conservation
510 South Alaska Street
P.O. Box 1088, Palmer, Alaska 99645

()

()

SERIAL #

ADF&G, FRED Division
Fish Pathology Lab
P.O. Box 3-2000
Juneau, AK 99802-2000
Phone: (907) 465-3577

Note: Use ballpoint pen, waterproof ink (e.g., Rapidograph) or fine-tip waterproof marker

STAT. AREA
574444 NO.

[illegible]

(continue on back of page

CHAIN OF CUSTODY

Samples collected by TERRY BREEDEN of HABITAT ADF&G [Signature] 9-4-88
print name agency signature date

Transferred to Mark Fink of Habitat ADF&G at Anchorage [Signature] 7/1/91
print name agency place signature date

Transferred to Robert P. Glenn of ADF&G HABITAT at Anchorage [Signature] 7-23-91
print name agency place signature date

Transferred to _____ of _____ at _____ _____
print name agency place signature date

Transferred to _____ of _____ at _____ _____
print name agency place signature date

Transferred to Ted Meyers of ADF&G at Juneau _____
print name agency place signature date

(19)

PHONE LOG

ADF&G, HABITAT

Kathrin Sundet

DATE: 07/29/91	TIME: 1100	PROJECT: Chemdenca
WHO: TAM GERG, Terry Wade.		FROM / TO
PHONE#: (409) 690-0095		
SUBJECT: Notice That Samples are going out now.		

Wanted quick summary of what to expect

PHONE LOG

ADF&G, HABITAT

Kathrin Sundet

DATE: 7/30/91	TIME: 11 ³⁵	PROJECT: Chumadeva
WHO: Dr. Terry Wade		FROM / TO
PHONE#: 409 - 690 - 0095		
SUBJECT: confirm Sample arrival.		

Sil Kone: a letter for each Sample.

Yes - Samples arrived.

Some - are Bird feathers.

try to extract whole sample.

fax down PLS - comments.

need to know: What do we want to know?

Results: sooner than

wanted to know whether they send data directly to NOAA -

Dataformed: they do not get data in RBASE ^{to} form
Tate Jackson -

Biomarkers - have not done for Mike Berg.

they have no RBASE. Berg can make
field-column. Heit file.

they pay \$/sample for formatting

Jim Brooks - know \$1. is in Nigeria

until end of the week.

7795832203

AIRBILL NUMBER

17332775

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS

CHECK ONE →

☒ 49 CFR☐ IATA/ICAO

(TYPE OR PRINT)

DANGEROUS GOODS IDENTIFICATION

PROPER SHIPPING NAME

CLASS OR
DIVISIONUN OR
ID NOSUBSIDIARY
RISKQUANTITY AND
TYPE OF PACKINGPACKING
INSTAUTHOR-
IZATION

DRY ICE

ORM-A

UN
1845

1010

ADDITIONAL HANDLING INFORMATION

TRANSPORT
DETAILSTHIS SHIPMENT IS WITHIN THE
LIMITATIONS PRESCRIBED FORPASSENGER
AIRCRAFTCARGO
AIRCRAFT ONLY

(DELETE-NONAPPLICABLE)

AIRPORT OF DEPARTURE

AIRPORT OF DESTINATION

SHIPMENT
TYPE

NON-RADIOACTIVE

RADIOACTIVE

(DELETE-NONAPPLICABLE)

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.

NAME AND TITLE OF SHIPPER

KATHRIN SUNDET MD II

ADFC HOSPITAL

PLACE AND DATE

ANCHORAGE AK 09/29/91

EMERGENCY TELEPHONE NUMBER

907 248 3408

SIGNATURE OF SHIPPER

SEE WARNING
ON BACK

RADIOACTIVE MATERIAL SHIPMENT INFORMATION

Radionuclide

Element and mass number

Form

Special form or chemical and physical form

Activity

Use appropriate units - Ci - curie,
mCi - millicurie, uCi - microcurie

Label

White I, Yellow II, Yellow III, or None
when no label required.

Transport index

For Yellow II and Yellow III labeled
packages only

Package identification

NRC Certificate of Compliance identification
number; or Certificate of Competent Author-
ity identification number; or package type, if
applicable, and not included in identification
number; or package specification if none of
above not applicable.

Warning: Failure of the shipper to comply in all respects with applicable DOT regulations (49 CFR) or with ICAO Dangerous Goods Regulations may result in a violation of law and subject the shipper to legal liability.



USE THIS AIRBILL FOR DOMESTIC SHIPMENTS AND FOR SHIPMENTS FROM PUERTO RICO TO THE U.S.A.
FILL OUT PURPLE AREAS. FOR ASSISTANCE, CALL 800-238-5355 TOLL FREE.
SEE BACK OF FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS.

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER

DATE

11955-623

7-27-11

From (Your Name) 1 ADF+G, HABITAT DIVISION		Your Phone Number (Very Important) (907) 269 2295		To (Recipient's Name) 2 DR. TERRY L. WADE		Recipient's Phone Number (Very Important) (409) 890 427	
Company KATHRIN SUNDET		Department/Floor No.		Company TEXAS A+M GERG LAB		Department/Floor No.	
Street Address 333 RASPBERRY ROAD				Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery And Result in Extra Charge.) 833 GRAHAM ROAD			
City ANCHORAGE AK		State 99578		City COLLEGE STATION TX		State	
AIRBILL NO. 173372975		ZIP® Zip Code Required For Correct Invoicing 99578-1599		ZIP Street Address Zip Required (No P.O. Box® Zip Code)		77845	

3 YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

H

HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS STATION:
Street Address (See Service Guide or Call 800-238-5355)

PAYMENT

☐ Bill Shipper ☐ Bill Recipient's FedEx Acct No. Fill in line below ☐ Bill 3rd Party FedEx Acct No. Fill in line below ☐ Bill Credit Card Fill in line below
☐ Cash
FedEx Acct. No. or Major Credit Card No.

City State

4 SERVICES
CHECK ONLY ONE BOX

DELIVERY AND SPECIAL HANDLING
CHECK SERVICES REQUIRED

PACKAGES WEIGHT YOUR DECLARED VALUE (See right) OVER SIZE

ZIP® Zip Code of Street Address Required

<input checked="" type="checkbox"/> PRIORITY 1 Overnight Delivery Using Your Packaging 12"x 15"		<input type="checkbox"/> OVERNIGHT LETTER (Our Packaging) 9"x 12"	
OVERNIGHT DELIVERY USING OUR PACKAGING			
<input type="checkbox"/> Courier-Pak Overnight Envelope			
<input type="checkbox"/> Overnight Box 12"x 17 1/2"x 3" A			
<input type="checkbox"/> Overnight Tube 36"x 6"x 6" B			
STANDARD AIR Delivery not later than second business day			
SERVICE COMMITMENT			
PRIORITY 1 - Delivery is scheduled early next business morning in most locations. It may take two or more business days if the destination is outside our primary service areas.			
STANDARD AIR - Delivery is generally next business day or not later than second business day. It may take three or more business days if the destination is outside our primary service areas.			

<input type="checkbox"/> HOLD FOR PICK-UP Give the Federal Express address where you want package held in Section II at right.	
<input checked="" type="checkbox"/> DELIVER WEEKDAY	
<input checked="" type="checkbox"/> DELIVER SATURDAY (Extra charge applies.)	
<input checked="" type="checkbox"/> RESTRICTED ARTICLES SERVICE (P-1 and Standard Air Packages only. Extra charge applies.)	
<input checked="" type="checkbox"/> CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge applies.)	
<input checked="" type="checkbox"/> DRY ICE 10 Lbs.	
<input type="checkbox"/> OTHER SPECIAL SERVICE	
<input type="checkbox"/> SATURDAY PICK-UP OR SATURDAY DROP-OFF (Extra charge applies.)	

Total	Total	Total
190		
Received At Shipper's Door <input type="checkbox"/> Regular Stop <input type="checkbox"/> On-Call Stop <input type="checkbox"/> FedEx Loc. Federal Express Corp. Employee No. 105796 Date/Time For Federal Express Use 7/27/11		

YOUR DECLARED VALUE

DAMAGE OR LOSS

We are liable for no more than \$100 per package in the event of physical loss or damage, unless you fill in a higher Declared Value to the left and document higher actual loss in the event of a claim. We charge 30¢ for each additional \$100 of declared value up to the maximum shown in our Service Guide. Declared value restrictions are shown on the back of the Shipper's Copy of this airbill. We make no express or implied warranties.

DELAY

There is always a risk of late delivery or non-delivery. In the event of a late delivery Federal Express will, at your request, refund all transportation charges paid. See back of Shipper's Copy of this airbill for further information.

CONSEQUENTIAL DAMAGES

We will not be responsible or liable for any loss or damage resulting from delay, non-delivery or damage to a package, except as noted above. This includes loss of sales, income, interest, profits, attorneys fees and other costs, but is not limited to these items. Such damages are called "consequential damages."

Federal Express Use

Base Charges

Declared Value Charge

Origin Agent Charge

Other

Total Charges

PART

#2041736900

FEC-S-750-25

REVISION DATE

2/85

PRINTED U.S.A. NCR

SHIPPER'S COPY

TRANSMISSION REPORT

:ADF&G/HABITAT DIV. (JUL 29 '91 01:45PM)

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*****
*
* DATE      START  REMOTE TERMINAL  MODE      TIME      RESULTS  TOTAL  DEPT.  FILE
*   TIME    IDENTIFICATION                                PAGES  CODE   NO.
*
* JUL 29    01:43PM                GERG  G3EST      01'19"   OK       03
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STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

WALTER J. HICKEL, GOVERNOR

Rapifax 349-1723

333 RASPBERRY ROAD
ANCHORAGE, ALASKA 99518 1599
PHONE (907) 344 0541

RAPIFAX TRANSMITTAL SHEET

TO:

Dr Terry L. Wade

GELG, TEXAS A&M

DATE: 07/29/91

No. Pages: 3
(including this one)

FROM:

K. Sundet,

ADEFG HABITAT

MESSAGE:

ETA is 07/30/91 10³⁰,
Airbill # 173372935

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

WALTER J. HICKEL, GOVERNOR

333 RASPBERRY ROAD
ANCHORAGE, ALASKA 99518-1599
PHONE (907) 344-0541

July 25, 1991

Mr. Terry L. Wade, Ph.D.
Associate Research Scientist
Geochemical and Environmental Research Group
Texas A&M University
833 Graham Rd.
College Station, Texas 77845

Dear Dr. Wade:

We are ready to begin the final phase of our analytical needs with Geotechnical and Environmental Research Group (GERG). The 24 samples included in this shipment represent about 90% of the samples that will be analyzed under the current contract. Enclosed for your reference is a copy of the amended contract between Alaska Department of Fish and Game (ADF&G) and GERG.

This shipment is under chain-of-custody. Upon receipt, please sign and retain the request for laboratory services and chain-of-custody record forms. Please send me a copy of the signed forms and a copy of the signed airway bill. After analysis is completed, please secure the unused portion of the samples for future reference.

You will notice that samples are grouped on the chain-of-custody form in accordance with the type of analysis required. They are as follows:

Group No. 1 - Eleven samples should be analyzed for biomarkers as stated in the amended contract:

1. LPG 7-25-89-1345
2. RRCI-10
3. RRCI-11
4. DDH 8-12-89-1330
5. O-91-LPG-001H
6. GDR116
7. WD6128901
8. JAB003
9. JTV086
10. AWS181
11. TDG018

Mr. Terry Wade

-2-

July 25, 1991

Group No. 2 - Two samples should be analyzed for toxic constituents as stated in the amended contract:

1. 91MF003V
2. 91MF009V

Group No. 3 - Eleven samples should be analyzed for both biomarkers and toxic constituents:

1. 0-91-ND-002H 1053
2. 91-CSC-003
3. 91-CSC-005
4. 90-EWW002K
5. KAP4-2-1
6. 091JPB002K
7. 90JPB003K
8. A4-1-1
9. S3-1-2
10. K5-4-1
11. K6-1-1

Please provide us with the digital data for the toxic constituents. I'd like to request the data in RBase, in the same format of your previous data submittals to Sid Korn of National Marine Fisheries Service (NMFS), Auke Bay labs, National Oceanic and Atmospheric Administration (NOAA) (see attached RBase table structures) including QC Codes, where applicable, and detection levels. For Biomarker data, please use an analogous RBase format.

Sincerely,



Leland P. Glenn
Habitat Biologist III
Habitat Division

Enclosure

cc: Mark Kuwada
Kathrin Sundet
Ken Middleton
Mark Fink

GROUP NO. 2

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS L.P. Glenn Ak Dept of Fish & Game

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Rd Anch., Ak. 99518-1599

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR PLUS and Gulf of Alaska

LAB ANALYSIS = PAH AND Aliphatic including
Pristane and Phytane

GERG

LAB NUMBER**FIELD NUMBER**

SAMPLING INFO.

MATRIX

TOTAL # OF

CHECK ONE

EPA

~~YR~~ ~~NO~~ ~~DY~~ ~~SE~~

~~YR~~ ~~NO~~ ~~DY~~ ~~TIME~~

CONTAINERS

VOC	METAL	OIL ID			
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METHOD

SPECIFIC LOCATION INFORMATION

COMMENTS

ADFBG SAMPLE NO.

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>[Signature]</i>	DATE 7/24/91	TIME 8:00 AM	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex:sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

GROUP No. 3 ALASKA DEPARTMENT OF FISH & GAME REQUEST FOR LABORATORY SERVICES

PROJECT NAME EXXON VALDEZ OIL SPILL

ENFORCEMENT OR SPILL NUMBER 89-214-083-1

SAMPLER/ADDRESS L.P. Glenn, AK Dept of Fish & Game

CHAIN OF CUSTODY (X) YES () NO COC# 138

333 Raspberry Rd Anch. Ak. 99518-1599

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP (X) YES () NO

SAMPLING () WITHIN () NEAR PWS and Gulf of Alaska

LAB ANALYSIS = Biomarkers, PAH & Aliphatic Including Pristane and Phytane

GERG		FIELD NUMBER	SAMPLING INFO.	MATRIX	TOTAL # OF	CHECK ONE					EPA	METHOD	SPECIFIC LOCATION INFORMATION	COMMENTS
LAB NUMBER	YR-MO-DY					CONTAINERS	VOC	METAL	OIL ID					
			ADF&G SAMPLE NO.											
			09IND	002H	1053				✓				Boat/legger-RC-002	NO 09IND002H
			9/CSC	003					✓				Tonsina-Grim Beach	09/CSC003H
			9/CSC	005					✓				OystercaKher Isl. WB-9	09/CSC005H
			9DEWW	002K					✓				AK Peninsula, Douglas Creek	90ENWW002K
			KAP	4-2-1					✓				AK Peninsula, Hallo Creek	89TG166K
			09JPB	002K					✓				AK Peninsula, Bear Lake Cr.	09JPB002K
			90JPB	003K					✓				AK Peninsula, Helen Creek	90JPB003K
			A4-1-1						✓				Afognak Is., Ishut Bay	89RD021K
			S3-1-2						✓				Shuyak Is., Andrean Bay	89RT017KD
			K5-4-1						✓				Kodiak Is., Cape Kulink	89JPB026K
			K6-1-1						✓				Kodiak Is., Sturgeon Lagoon	89RT036K

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature) <i>L.P. Glenn</i>	DATE 9/24/91	TIME 8:00am	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS: (ex: sampling witness)						CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO () COMMENTS:					
METHOD OF SHIPMENT FROM LAB TO FIELD:			METHOD OF SHIPMENT FROM FIELD TO LAB:								

Table: AROMATIC
Read Password: No
Modify Password: No

Column definitions

#	Name	Type	Index Expression
1	ID	INTEGER	*
2	REPL	INTEGER	
3	QCBATCH	TEXT	8
4	NAPH	REAL	
5	MENAP2	REAL	
6	MENAP1	REAL	
7	C1NAPH	REAL	
8	DIMETH	REAL	
9	C2NAPH	REAL	
10	TRIMETH	REAL	
11	C3NAPH	REAL	
12	C4NAPH	REAL	
13	BIPHENYL	REAL	
14	ACENTHY	REAL	
15	ACENTHE	REAL	
16	fluorene	REAL	
17	C1FLUOR	REAL	
18	C2FLUOR	REAL	
19	C3FLUOR	REAL	
20	DITHIO	REAL	
21	C1DITHIO	REAL	
22	C2DITHIO	REAL	
23	C3DITHIO	REAL	
24	PHENANTH	REAL	
25	MEPHEN1	REAL	
26	C1phenan	REAL	
27	C2phenan	REAL	
28	C3phenan	REAL	
29	C4phenan	REAL	
30	ANTHRA	REAL	
31	FLUORANT	REAL	
32	PYRENE	REAL	
33	C1FLUORA	REAL	
34	BENANTH	REAL	
35	CHRYSENE	REAL	
36	C1chrys	REAL	
37	C2chrys	REAL	
38	C3chrys	REAL	
39	C4chrys	REAL	
40	BENZOBFL	REAL	
41	BENZOKFL	REAL	
42	BENEPY	REAL	
43	BENAPY	REAL	
44	PERYLENE	REAL	
45	INDENO	REAL	
46	DIBENZ	REAL	

Column definitions

#	Name	Type	Index Expression
47	BENZOP	REAL	
48	TOTAR01	REAL	(NAPH+C1NAPH+C2NAPH+C3NAPH+C4NAPH+BIPHENYL+ACENTHY+ACENTHE+fluorene+C1FLUOR+C2FLUOR+C3FLUOR+PHENANTH+ANTHRA+C1phenan)

49	TOTAR02	REAL	(C2phenan+C3phenan+C4phenan+DITHIO+C1DITHIO+C2DITHIO+C3DITHIO+FLUORANT+PYRENE+C1FLUORA+BENANTH+CHRYSENE+C1chrys+C2chrys+C3chrys)
50	TOTAR03	REAL	(C4chrys+BENZOBFL+BE NZOKFL+BENEPY+BENAPY+PERYLENE+INDENO+DIBENZ+BENZOP)
51	TOTARO	REAL	(TOTAR01+TOTAR02+TOTAR03)

Table: ALKANE
Read Password: No
Modify Password: No

Column definitions

#	Name	Type	Index Expression
1	ID	INTEGER	*
2	REPL	INTEGER	
3	QCBATCH	TEXT	8
4	C10alk	REAL	
5	C11alk	REAL	
6	C12alk	REAL	
7	C13alk	REAL	
8	C14alk	REAL	
9	C15alk	REAL	
10	C16alk	REAL	
11	C17alk	REAL	
12	Pristane	REAL	
13	C18alk	REAL	
14	Phytane	REAL	
15	C19alk	REAL	
16	C20alk	REAL	
17	C21alk	REAL	
18	C22alk	REAL	
19	C23alk	REAL	
20	C24alk	REAL	
21	C25alk	REAL	
22	C26alk	REAL	
23	C27alk	REAL	
24	C28alk	REAL	
25	C29alk	REAL	
26	C30alk	REAL	
27	C31alk	REAL	
28	C32alk	REAL	
29	C33alk	REAL	
30	C34alk	REAL	
31	ALKANES	REAL	
32	UCM	REAL	

Table: CHEMQC
Read Password: No
Modify Password: No

Column definitions				
#	Name	Type	Index	Expression
1	INVEST#	TEXT	15	
2	ID	INTEGER	*	
3	QCBATCH	TEXT	8	
4	labs	TEXT	4 *	
5	MATRIX	TEXT	8	
6	SUBMAT	TEXT	8	
7	SAMPWT	REAL		
8	WETWT	REAL		
9	DRYWT	REAL		
10	METHOD1	TEXT	8	
11	METHOD2	TEXT	8	
12	VOL	REAL		
13	ACEND10	REAL		
14	BENAD12	REAL		
15	CHRYD12	REAL		
16	FLUOD10	REAL		
17	NAPHD8	REAL		
18	PERYD12	REAL		
19	PHEND10	REAL		
20	C12ALKD	REAL		
21	C16ALKD	REAL		
22	C20ALKD	REAL		
23	C24ALKD	REAL		
24	C30ALKD	REAL		
25	INTFLAG	INTEGER		
26	LABSAM1	TEXT	15	
27	LABSAM2	TEXT	15	
28	PON	TEXT	15	
29	CATNO	TEXT	8	
30	DATASET#	INTEGER		

STATE OF ALASKA
AMENDMENT TO PROFESSIONAL SERVICES CONTRACT

1. Agency Contract Number IHP-90-069
2. Authority Number
3. Optional Renewal? <input type="checkbox"/> Yes <input type="checkbox"/> No Years remaining _____
4. Financial Coding 11870308
5. Agency Assigned Encumbrance Number 1103696
6. Amendment No. ONE

This agreement is between the State of Alaska,				
7. Department of Fish and Game				
hereafter the State, and				
8. Contractor Texas A & M Research Foundation				
hereafter the Contractor				
Mailing Address Box 3578	Street or P.O. Box	City College Station	State Texas	ZIP Code 77843
9. Original period of performance FROM: June 15, 1990 TO: June 30, 1991		10. Amended period of performance FROM: June 15, 1990 TO: June 30, 1992		
11. Previous amount of contract to date \$35,000	12. This amendment is for \$20,000	13. This amended contract shall not exceed a total of \$55,000.00		
14. In accordance with the provisions of the above referenced contract, the parties to that contract agree that the services to be performed by the contractor under the contract are amended as follows: All other terms and conditions of the contract remain in effect. (Use reverse for continuation of amended provisions if necessary.)				

See attached

In full consideration of the contractor's performance under and including this amendment, the State shall pay the contractor a new total not to exceed \$55,000.00.

The period of performance under this contract is increased/decreased by one year to June 30, 1992.

IN WITNESS WHEREOF the parties hereto have executed this amendment.

NOTICE! This amendment has no effect until signed by the head of the contracting agency, procurement officer or designee.

15. CONTRACTOR		17. CERTIFICATION: I certify that the facts herein and on supporting documents are correct, that this voucher constitutes a legal charge against funds and appropriations cited, that sufficient funds are encumbered to pay this obligation or that there is a sufficient balance in the appropriation cited to cover this obligation. I am aware that to knowingly make or allow false entries or alterations on a public record, or knowingly destroy, mutilate, suppress, conceal, remove, or otherwise impair the variety, legibility or availability of a public record constitutes tampering with public records punishable under AS 11.56.815-820. Other disciplinary action may be taken up to and including dismissal.
Name of Firm Texas A & M Research Foundation		
Signature of Authorized Representative <i>[Signature]</i> Date FEB 08 1991		
Typed or Printed Name of Authorized Representative <i>JoAnn Treat</i> President Title Texas A&M Research Foundation		
16. CONTRACTING AGENCY		18. APPROVAL BY THE DEPARTMENT (if applicable)
Department/Division Fish and Game/Habitat		
Signature of Project Director <i>[Signature]</i> Date 2/11/91		
Typed or Printed Name of Project Director Lance L. Trasky Title Regional Supervisor		
		Signature of Head of Contracting Agency or Designee <i>[Signature]</i> Date 2/15/91
		Typed or Printed Name of Authorizing Officer Beverly Reaume <i>[Signature]</i>
		Title <i>Procurement Officer</i> Director, Division of Administration

All changes or additions are typed in script for this amendment.

APPENDIX C

Modifications which extend the date of this agreement were necessary to provide a reasonable time frame for Geochemical and Environmental Research Group (GERG) to analyze samples and interpret results of specimens provided in the spring of 1991. Analysis of additional oil/sediment samples are required to supplement findings from ongoing biological studies and to validate the presence of Exxon Valdez oil in specific areas.

In response to the Exxon Valdez oil spill, the Habitat Division of the Alaska Department of Fish and Game (ADF&G) was advised by the Attorney General's Office to gather oil and oiled sediment samples from sensitive resource areas deemed vital to making scientifically sound oil spill cleanup and response decisions. Sensitive resource areas include anadromous streams, refuges, sanctuaries, critical habitats and other areas where fish and wildlife occur in concentrated numbers. Numerous samples have been collected and freezer-stored at minus 10 degrees centigrade under chain-of-custody protocol. Representative samples are to be analyzed by a qualified laboratory to verify both contamination source (as having resulted from the Exxon Valdez oil spill accident) and to accurately define toxic constituents of hydrocarbons contained in each sample analyzed. Results of foregoing tests will assist ADF&G in making oil spill cleanup and response decisions and to evaluate success of cleanup operations.

The Geochemical and Environmental Research Group of Texas A&M Research Foundation meets performance criteria set forth in the Comprehensive Environmental Response Compensation Liability Act (CERCLA). GERG possesses the required laboratory facilities and staff expertise with quality control assurances to analyze samples, interpret results and express them in lay terms.

GERG's Standard Operating Procedures (SOP), as approved by the trustees, are incorporated and made part of this contractual agreement for assessing Exxon Valdez oil spill damage. The same SOP's are used by GERG to analyze samples for the National Oceanic and Atmospheric Administration, the U.S. Fish and Wildlife Service, and other agencies involved with the Exxon Valdez oil spill response and damage assessment efforts.

Sample analysis will be based on 1) biomarkers to definitively type oil and oil sediments as having resulted from the Exxon Valdez oil spill and on 2) aliphatic (GC/FID) and aromatic hydrocarbon (GC/MS) tests to identify toxic constituents. These analyses shall be performed for either Biomarkers and/or aromatic and aliphatic compounds as specified by ADF&G.

As a minimum requirement of this contract, procedures required to identify and quantify toxic hydrocarbon compounds shall be

referenced and described in detail in the summary report *and in digital format on diskette*. Accuracy and precision must be demonstrated in the control of the analytical method to be used. Method limits of detection must be calculated by matrix and analyte. Calibration must be verified upon the completion of each analysis sequence. Samples shall be quantified within the demonstrated linear working range of each analyte. Standard curves with at least 3 points besides 0 must be established. Field blanks, procedural blanks, reference materials, replicates, and analyte recover samples must be made at a 5% minimum frequency, each per sample matrix batch.

A minimum list of petroleum hydrocarbon compounds to be considered for identification and quantification in water, *oil* and *oiled* sediment, include the polynuclear aromatic and aliphatic hydrocarbons listed below;

Naphthalene	n-dodecane
2-Methylnaphthalene	n-tridecane
1-Methylnaphthalene	n-tetradecane
Biphenyl	n-pentadecane
2,6-Dimethylnaphthalene	n-hexadecane
Acenaphthylene	n-heptadecane
Acenaphthene	pristane
2,3,5-Trimethylnaphthalene	n-octadecane
Fluorene	phytane
Phenanthrene	n-nonadecane
Anthracene	n-eicosane
1-Methylphenanthrene	
Fluoranthene	
Pyrene	
Benz (a) anthracene	
Chrysene	
Benzo (b) fluoranthene	
Benzo (k) fluoranthene	
Benzo (a) pyrene	
Indeno (1,2,3-c,d) pyrene	Benzo (e) pyrene
Debenz (a,h) anthracene	Perylene
Benzo (g,h,i) perylene	

Sample collections consisted of various contamination types to include liquid crude, weathered mousse, tar, as well as oiled sediments and debris. The majority of samples were immediately preserved following collections that were generally made within five (5) months of the oil spill accident. The chemical composition of sampled substances is therefore relatively intact, hence, the need for further testing to type oil source should be minimal.

Adherence to chain-of-custody protocol shall be emphasized throughout the analytical process. Samples transferred to GERG will be accompanied by a Request for Laboratory Services/Chain-Of-Custody Form (RLS/COC; Appendix C-1). The GERG representative receiving the sample transfer shall annotate such on the chain-of-custody form.

Immediately upon receipt of shipped samples, GERG shall transmit to ADF&G (ATTN: Leland P. Glenn) an overnight common carrier invoice and a duplicate copy of the respective RLS/COC form verifying date and time of sample receipt. Sample storage and internal processing shall be the responsibility of GERG pursuant to chain-of-custody protocol. An internal transmittal form, to be developed by GERG, shall be signed and dated by GERG personnel to record each instance of sample transfer from one individual to another so as to ensure chain-of-custody validity. A copy of this transmittal form shall be affixed to the test report that summarizes analytical results.

GERG shall process and analyze all samples and submit the test report summary to ADF&G, Habitat Division (333 Raspberry Road Anchorage, Alaska, ATTN: Leland P. Glenn) within *ninety (90)* days of sample receipt date. The test report summary shall consist of two parts specific to determining contamination source and identifying aliphatic *and aromatic* hydrocarbons of interest. The first part of the summary report shall detail results of the *Biomarker* test for individual samples. Whether or not oiled samples can be positively correlated to the Exxon Valdez oil spill shall be connoted. If the source of the hydrocarbons cannot be identified, then this shall be so noted. If an alternate testing procedure is approved by ADF&G, the results of an alternative testing procedure shall then be presented as a separate part of the same summary report. The second part of the summary report shall consist of a tabular listing of toxic constituents expressed in parts per million for *the* aromatic and aliphatic hydrocarbons listed in paragraph seven. An aliphatic (GC/FID) and aromatic (GC/MS) hydrocarbon test shall be used for this purpose. The summary report *and diskette* shall be transmitted to ADF&G within *ninety (90)* days of sample receipt.

Samples submitted to GERG and all sample analysis results and sampling and analytical strategy are to remain strictly confidential and may not be disclosed to any third party without the prior written consent of the Department of Fish and Game. The Department acknowledges Texas A&M's interest in publishing this sampling information, but does not anticipate authorizing publication of this information until the Exxon Valdez litigation has been resolved.

APPENDIX D

The total contract cost shall not exceed *fifty five* thousand dollars (\$55,000). This includes cost of sample analysis, report preparation, and any other direct and indirect costs incurred during the contract period. Upon analyzing *the first fifty (50)* samples, Texas A&M Research Foundation, Geochemical and Environmental Research Group shall submit a detailed invoice *in the amount of thirty-five thousand dollars (\$35,000) which detail* the laboratory testing and reporting costs together with the summary report to Alaska Department of Fish and Game (ATTN: Leland P. Glenn). *Similar billing and reporting procedures are to be followed in regard to the remaining forty (40) samples.* Following invoice receipt, and acceptance of the summary report, payment shall be made promptly; but in the event of late payment, in excess of thirty (30) days from invoice receipt, the State shall not be assessed any late penalty fees.

Laboratory testing and report preparation, is as follows:

Biomarkers (aliphatic and aromatic) - @ \$490/sample

*Toxic constituents (aliphatic and aromatic hydrocarbon) -
@ \$500/sample.*

A total of *ninety (90)* samples shall be analyzed at a cost *not to exceed fifty five* thousand dollars (\$55,000).

EXPRESS

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER

1173372975

DATE

7-21-91

From (Your Name)
ADF+G, HOSPITAL DIVISION

Your Phone Number (Very Important)
(907) 269 2295

Company
KATHRIN SUNDET

Department/Floor No.

Street Address
333 RASPBERRY ROAD

City
ANCHORAGE AK State
99508

To (Recipient's Name)
DR. TERRY L. WADE

Recipient's Phone Number (Very Important)
(409) 690 4241

Company
TEXAS A+M GERG LAB

Department/Floor No.

Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery And Result in Extra Charge.)
333 GRAHAM ROAD

City
COLLEGE STATION TX State

ZIP Code Required For Correct Invoicing
99508-1519

ZIP Street Address Zip Required (No P.O. Box Zip Code)
77945

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

Payment ☐ Bill Shipper ☐ Bill Recipient's FedEx Acct. No. ☐ Bill 3rd Party FedEx Acct. No. ☐ Bill Credit Card

☐ Cash ☐ FedEx Acct. No. or Major Credit Card No.

HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS STATION:
Street Address (See Service Guide or Call 800-238-5355)

City State

Federal Express Use

Base Charges

Declared Value Charge

Origin Agent Charge

Other

Total Charges

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#2041738900
FEC-S-750-25
REVISION DATE
2/85
PRINTED U.S.A. NCR

SERVICES CHECK ONLY ONE BOX		DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED		PACKAGES	WEIGHT	YOUR DECLARED VALUE (See right)	OVER SIZE
<input checked="" type="checkbox"/> PRIORITY 1 Overnight Delivery Using Your Packaging	<input type="checkbox"/> OVERNIGHT LETTER (Our Packaging) 9"x12"	<input type="checkbox"/> HOLD FOR PICK-UP Give the Federal Express address where you want package held in Section 8 at right.		1	40		
OVERNIGHT DELIVERY USING OUR PACKAGING		<input checked="" type="checkbox"/> DELIVER WEEKDAY					
<input type="checkbox"/> Courier-Pak Overnight Envelope 12"x 15 1/4"		<input type="checkbox"/> DELIVER SATURDAY (Extra charge applies)					
<input type="checkbox"/> Overnight Box 12 1/2" x 17 1/4" x 3" A <input type="checkbox"/>		<input checked="" type="checkbox"/> RESTRICTED ARTICLES SERVICE (P-1 and Standard Air Packages only. Extra charge applies.)		Total	Total	Total	
<input type="checkbox"/> Overnight Tube 36" x 6" x 6" B <input type="checkbox"/>		<input type="checkbox"/> CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge applies.)					
STANDARD AIR Delivery not later than second business day		<input checked="" type="checkbox"/> DRY ICE 10 Lbs.		Received At <input type="checkbox"/> Shipper's Door <input type="checkbox"/> Regular Stop <input type="checkbox"/> On-Call Stop <input type="checkbox"/> FedEx Loc.			
SERVICE COMMITMENT		<input type="checkbox"/> OTHER SPECIAL SERVICE		Federal Express Corp./Employee No. Date/Time For Federal Express-Use			
PRIORITY 1 - Delivery is scheduled early next business morning to most locations. It may take two or more business days if the destination is outside our primary service area.		<input type="checkbox"/> SATURDAY PICK-UP OR SATURDAY DROP-OFF (Extra charge applies.)		7/21/91			
STANDARD AIR - Delivery is generally next business day or not later than second business day. It may take three or more business days if the destination is outside our primary service area.							

ZIP Code of Street Address Required

YOUR DECLARED VALUE

DAMAGE OR LOSS

We are liable for no more than \$100 per package in the event of physical loss or damage, unless you fill in a higher Declared Value to the left and document higher actual loss in the event of a claim. We charge 30¢ for each additional \$100 of declared value up to the maximum shown in our Service Guide. Declared value restrictions are shown on the back of the Shipper's Copy of this airbill. We make no express or implied warranties.

DELAY

There is always a risk of late delivery or non-delivery. In the event of a late delivery Federal Express will, at your request, refund all transportation charges paid. See back of Shipper's Copy of this airbill for further information.

CONSEQUENTIAL DAMAGES

We will not be responsible or liable for any loss or damage resulting from delay, non-delivery or damage to a package, except as noted above. This includes loss of sales, income, interest, profits, attorneys fees and other costs, but is not limited to these items. Such damages are called "consequential damages."

7705832203 AIRBILL NUMBER 173372975 SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS

CHECK ONE ☒ 49 CFR ☐ IATA/ICAO (TYPE OR PRINT)

DANGEROUS GOODS IDENTIFICATION		UN OF ID NO	CLASS OR DIVISION	QUANTITY AND TYPE OF PACKING	PACKING METHOD	AUTHORIZATION
PROPER SHIPPING NAME						
DRY ICE		UN 1845	ORM-A	1010		

ADDITIONAL HANDLING INFORMATION

TRANSPORT DETAILS	THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR	PASSENGER AIRCRAFT	CARGO AIRCRAFT ONLY	(DELETE-NONAPPLICABLE)
PORT OF DEPARTURE ANCHORAGE	AIRPORT OF DESTINATION COLLEGE STATION	SHIPMENT TYPE	NON-RADIOACTIVE	RADIOACTIVE (DELETE-NONAPPLICABLE)

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.

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NAME AND TITLE OF SHIPPER
KATHRIN SUNDET HE II ADF+G HOSPITAL

PLACE AND DATE
ANCHORAGE AK 07/29/91

EMERGENCY TELEPHONE NUMBER
17 349 3409

SIGNATURE OF SHIPPER
[Signature]

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SHIPPER'S COPY