

AFS 262-15-10020
BIG RIVER, N. of C. CHINIAK, AK Penno.
SITE AKP 3-3

262-15-152

ACE 1951420

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2621510020
SEGMENT: BR002

PAGE 65

DATE PRINTED: 07/25/91

LOCATION: SWIKSHAK BAY

SURVEY TYPE: 89 STREAM SURVEY

METHOD: FOOT

DATE: 09/03/89

TEAM RECORDER: WEISS

START TIME: 1255

OBSERVERS: GIEGERICH

END TIME: 1421

TIDES: -0-

AGENCY: FG

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2621510020

ROLL#: 89EWW019K

FRAME: 01-02

VIDEO TAKEN: N

TAPE#: -0-

START: -0-

END: -0-

SAMPLES TAKEN: Y

SAMPLE NUMBERS: 89TG156K -0-

89TG157K -0-

-0- -0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: VL

OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: L/M

SHORELINE TYPE: LAGOON

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE -0- VEGETAT -0-

GRAVEL X SAND -0- MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: Y

SPECIES: -0-

COUNT: -0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 68

DATE PRINTED: 07/26/91

STREAM# : 2621510020
SEGMENT#: BR002

SURVEY TYPE : 89 STREAM SURVEY

LOCATION: SWIKSHAK BAY

DATE: 09/03/89

TIMES: 1255 - 1421

TEAM RECORDER: WEISS

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1	-0-	-0-	-0-	-0-	1600	1	1.25	1.25	-0- <i>MF 1 PT</i>

COMMENTS:

LAND ON SOUTH SIDE OF STREAM MOUTH - WALKED 200M OF BEACH AND 250M ALONG STREAM BANK, LAGOON AND ESTUARY. FOUND A SMALL AMOUNT OF OIL MOUSSE AT EXTREME HIGH TIDE LINE OF ESTUARY AREA. THIS CONSISTED OF A FEW PIECES OF OILED DRIFT (SPLATTERS) AND A 6' X 8' AREA OF <1" OIL MOUSSE PATTIES 3 PER SQUARE FEET MIXED WITH SAND AND PUMICE. FOUND NOTHING ON BEACH ADJACENT TO MOUTH. STOP #2 WAS ON SPIT ON NORTH SIDE OF STREAM. WALKED 100M OF STREAM ESTUARY AND 150M OF BEACH. FOUND NO SIGN OF OIL.

89 Stream survey

ASC NUMBER: _____ SEGMENT NUMBER: _____ YR CATALOGED: _____
 LOCATION: _____
 STREAM NAME: *Big River* LATITUDE: _____
 KODIAK K-UNIT: _____ LONGITUDE: _____
 USGS QUADRANGLE: _____ LEGAL: _____
 SHORELINE TYPE: *Lagoon* WAVE EXPOSURE: *L-m*

ASC NUMBER: *262-15-1002P*
 SURVEY TYPE: *SS*
 METHOD: *F*
 DATE: *9-3-89*
 START TIME: *1255*
 STOP TIME: *1421*

TEAM RECORDER: *E. Weiss*
 OBSERVERS: *T. Giegerich*

AGENCY(IES): *ADF+G*

PHOTOS TAKEN? *Y*
 Roll #: *89EW019K* Frames: *01-02*
 VIDEO TAKEN? *N* Tape Number: _____
 Counter Start: _____

SAMPLES TAKEN? *Y*

SAMPLE I.D. NUMBERS: 1. *KAP-3-3-1* 2. *KAP-3-3-2* 3. _____
 4. _____ 5. _____ 6. _____

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	<i>N/A</i>	<i>N/A</i>	<i>1600</i>	<i>1</i>	<i>1.25cm</i>	<i>1.25cm</i>	<i>MS, PI</i>
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: *VL*

OIL IN STREAM CHANNEL? *N*

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? *Y*

SUBSTRATE

Bedrock _____ Granule _____
 Boulder _____ Sand _____
 Cobble _____ Silt _____
 Pebble x _____ Veget. _____

SPECIES	<i>PS</i>	<i>SS</i>			
COUNT	<i>NO COUNT</i>	<i>NO COUNT</i>			

COMMENTS: *Land on South side of Stream mouth. walked 200m of beach and 250m along stream bank, lagoon and estuary. Found a small amount of oil mousse at extreme high tideline of estuary area. This consisted of a few pieces of oiled drift (splinters) and a 6 foot x 8 foot area of ≤ 1 inch oil mousse patties 3/ft² mixed with sand and pumice. Found nothing on beach adjacent to mouth. Stop #2 was on spit on north side of stream. walked 100m of stream estuary and 150m of beach. Found no sign of oil.*

89 Stream survey

ASC NUMBER:	SEGMENT NUMBER:	YR CATALOGED:
LOCATION:		
STREAM NAME: <i>Big River</i>		LATITUDE:
KODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE:
USGS QUADRANGLE:		LEGAL:
SHORELINE TYPE: <i>Lagoon</i>		WAVE EXPOSURE: <i>L-m</i>

ASC NUMBER: *262-15-1002P*
 SURVEY TYPE: *SS*
 METHOD: *F*
 DATE: *9-3-89*
 START TIME: *1255*
 STOP TIME: *1421*

TEAM RECORDER: *E. Weiss*
 OBSERVERS: *T. Giegerich*

AGENCY(IES): *ADFG*

PHOTOS TAKEN? *Y*
 Roll #: *89EWW019K* Frames: *01-02*
 VIDEO TAKEN? *N* Tape Number:
 Counter Start:

SAMPLES TAKEN? *Y*

SAMPLE I.D. NUMBERS: 1. *KAP-3-3-1* 2. *KAP-3-3-2* 3.
 4. 5. 6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	<i>N/A</i>	<i>N/A</i>	<i>1600</i>	<i>2</i>	<i>1.25cm</i>	<i>1.25cm</i>	
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: *VL*

OIL IN STREAM CHANNEL? *N*

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? *Y*

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble x	Veget.

SPECIES	<i>PS</i>	<i>SS</i>			
COUNT	<i>NO COUNT</i>	<i>NO COUNT</i>			

COMMENTS: *Land on South side of Stream mouth. walked 200m of beach and 250m along stream bank, lagoon and estuary. Found a small amount of oil mousse at extreme high tideline of estuary area. This consisted of a few pieces of oiled drift (splinters) and a 6 foot x 8 foot area of ≤ 1 inch oil mousse patches 3/ft² mixed with sand and pumice. Found nothing on beach adjacent to mouth. Stop #2 was on spit on north side of stream. walked 100m of stream estuary and 150m of beach. Found no sign of oil.*



FISH HABITAT ASSESSMENT FORM

 REGION: PWS KP, CI K, AP OBSERVER(S) E. WEISS
T. GIEGERICH

 SITE NO. AKP-3-3 AERIAL PHOTO NO. K1-1 CAT NO. 262-15-1002

 STREAM NAME BIG RIVER LAT 58° 36.7' N LONG 153° 53.9' W

 DATE 9-3-89 TIME 1255 TIDE: Low slack Flood High slack Ebb

 CATALOGED ANADROMOUS STREAM? (Y) N ANAD. FISH FOUND? (Y) N

 FISH FOUND IN STREAM? Y (N) OIL FOUND NEAR STREAM (1 MI.)? (Y) N

 OIL SAMPLES TAKEN? (Y) N ID NOS. KAP-3-3-1 + 2

 5 mm PICTURES TAKEN? (Y) N ROLL NO(S). A-05

 EXPOSURE NO. DESCRIPTION
01 + 02 AERIAL OF MOUTH + ESTUARY AREA.

 VIDEO FOOTAGE TAKEN? Y (N) CASSETTE NO(S). N/A

 DESCRIPTION: N/A

ACE 1951423

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
Aerial	-				-			
Ground	-				-			

 COMMENTS: SEEN SOME PINKS AND SILVERS BUT
AERIAL COUNT NOT POSSIBLE DUE TO SEDIMENT
LOAD IN STREAM.

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
SURFACE COVERAGE	<u>0</u>	<u>1% +/- 1600m²</u>
SURFACE THICKNESS	<u>0</u>	<u>.5"</u>
PENETRATION	<u>0</u>	<u>.5"</u>

OIL DISTRIBUTION DIAGRAM
(SHOW SAMPLING SITES)PREDOMINANT
SUBSTRATE TYPE:

1. Bedrock
2. Boulder
3. Cobble
- (1) 4. Gravel
5. Sand
6. Mud
7. Other _____

AKP B1002
262 15 10020
Big River

COMMENTS: _____

ACE 1951424 -1/P

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ALL-WEATHER WRITING PAPER ©



ALL-WEATHER

LEVEL

Notebook No. 311-M

"Rite in the Rain" - A unique All-Weather Writing Paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

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TACOMA, WA 98421-3696 USA

STREAM SURVEY LOG

STREAM 262-15-152

CAT # 262-15-10020

58° 36.7' N 153° 53.9' W

BIG RIVER, N of C. CHINIAK

ACE 1951425

SITE -3-3 9-3-89 1255 1

AERIAL PHOTOS OF MOUTH AREA.
AERIAL COUNT OF SALMON
NO GOOD DUE TO SEDIMENT
LOAD.

LAND ON SOUTH SIDE OF
MOUTH OF STREAM, 1305
WALKED 200 M OF BEACH
AND 250 ALONG STREAM
BANK LAGOON & ESTUARY.

FOUND A SMALL AMOUNT
OF OIL MOUSSE AT EXTREME
HIGH TIDELINE OF ESTUARY
AREA. THIS CONSISTED OF
A FEW PIECES OF OILED
DRIFT (SPLATTERS) AND A
6' x 8' AREA OF $\leq 1"$

OIL MOUSSE PARTIES 3/FT²
MIXED WITH SAND & PUMICE.
FOUND NOTHING ON BEACH
ADJACENT TO MOUTH.

STOP #2 WAS ON SHIP
OF NORTH SIDE OF STREAM
WALKED 100 M OF STREAM

ACE 1951426

2

ESTUARY AND 150 m OF
BEACH. FOUND NO SIGN OF
OIL. LV: 1421

3

PHOTOS TAKEN A-05 #1+2
1+2 AERIAL VIEW OF MOUTH

SAMPLES TAKENOIL

KAP 3-3-1

KAP 3-3-2

VIDEO TAKEN

NONE

ACE 1951427/A

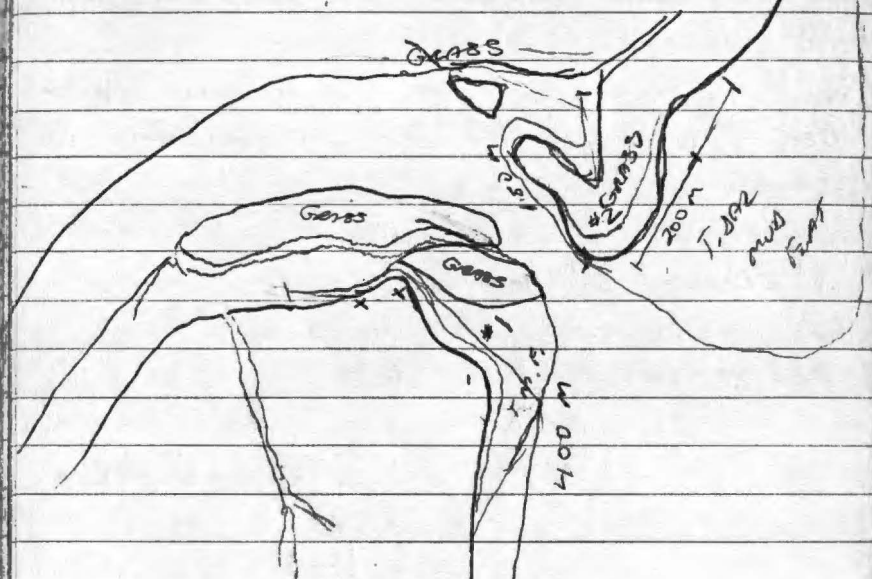
Ace 1951427/B

SITE ALP-3-3

28

BIG RIVER 2.1255

MORE GRASS LANDS INUNDATED BY
HIGH TIDES.



FOUND SM. AMOUNT OF
OIL MOUSSE AT ^{EXT.} HIGH TIDE

OF ESTUARY ZONE ON
SOUTH SIDE OF STREAM. A FEW
PIECES OF OILED DRIFT

(SPLATTERS) AND A AREA 6'x8'

WHERE 1" PARTIES WERE 3/FT². MIXED W/ SAND
+ PUMICE. FOUND NOTHING ON BEACH

ADJACENT MOUTH. FOUND NOTHING ON
NORTH SIDE OF BEACH ADJACENT IT.

LV. 1421 REFUEL KUKAK AT CABIN 1530.

9-3-89 CONT.

29

PAPERWORK Fill in REPORTS, NOTES, LOGS.
1730-1900

ACE 1951428

ACE 1951429
-IL/FF/HF

SEGMENT INSPECTION RECORD

COPY

ADEC # K9-16

Shoreline Segment: BR-2

Shoreline Treatment Process(es) Completed for this Segment

Yards Signed Off

☐ Hot water wash	☐ Mechanical
☐ Warm water wash	☒ Non-mechanical
☐ Water deluge	☐ Other

Exxon

Treatment as indicated above has been completed. Request demobilization from this segment.

Exxon Comments

Signature

Date 8/24/89

Time 1530

Printed Name

Jim Wade

Existing Shoreline Condition As
Visually Determined by USCG

Surface Oil

Percent	Degree of Oiling
☐	Heavy
☐	Medium
☐	Light
☐	Very Light

100%

Subsurface Oil

☐ Yes ☐ No

Comment Below

Reassessment

☐ Yes - Necessary☐ No - Not necessary unless re-oiled

ADEC Rep

Comments

Existing Shoreline Condition As
Visually Determined by ADEC

Surface Oil

Percent	Degree of Oiling
☐	Heavy
☐	Medium
☐	Light
☐	Very Light

100%

Subsurface Oil

☐ Yes ☐ No

Comment Below

Reassessment

☐ Yes - Necessary☐ No - Not necessary unless re-oiled

Signature

Date

Time

Printed Name

FOSC Rep

Demobilization approved/disapproved

Comments

INSPECTOR ADEC, NPS & EXXON REP. CONCERN WITH
EXXON'S DECISIONS IS CONDUCT NO CLEAN UP.

Signature

Date

Time

Printed Name

Copy: Exxon

ADEC

FOSC

ISCC

Return All Signed Originals to Exxon

ACE 1951416
+1F15/HF

P.1/1

AGE 1 MTY FINE

AUG 28 '89 18:05 EXXON

DISTRICT SECTION/ STAT. AREA	SPECIFIC LOCATION	TIME	INTERTIDAL		NEARSHORE (<1 MI.)		SURVEY METHOD, DISTANCE, & CONDITIONS		COMMENTS
			IMPACT	OIL TYPE	IMPACT	OIL TYPE	INTERTIDAL	NEARSHORE	
K9/16	KAGUYAK	0800- 1450			L	M	F		ALL BAGS PICKED UP - SECURED AT 1950.
K9/14	KIUKPALIK	0700- 1400			M	M	F		TEAM HAD TO STOP CLEANUP DUE TO WCLF. WEATHER WILL WOR- DEN AGAIN TOMORROW

PAI MILLER
PLEASE NOTE

IMPACT CLASSIFICATION (OIL COVERAGE OF AREA):

H HEAVY >50% OR >6 METER BAND
M MODERATE 10-50% OR 3-6 METER BAND
L LIGHT 1-10% OR 1-3 METER BAND
VL VERY LIGHT <1% OR <1 METER

SURVEY CONDITIONS

P POOR
F FAIR
G GOOD
E EXCELLENT

SURVEY METHODS

F FOOT
FW FIXED WING AIRCRAFT
H HELICOPTER
B BOAT

OIL TYPE:

VL VERY LIGHT SHEEN (PATCHY LIGHT SHEEN COVERING 5-10% OF AREA)
LS LIGHT SHEEN (ALMOST TRANSPARENT/SIMILAR TO WINDROWS AND NATURAL SHEEN FROM BIOLOGICAL PROCESSES)
SS SILVER SHEEN (SILVERY/SHIMMERY APPEARANCES)
RS RAINBOW SHEEN (SHEEN REFLECTS COLORS)
M MOUSSE (BROWN OIL/1MM OR THICKER LAYER OIL/WATER EMULSION (30-50% OIL-50-70% WATER))
TB TAP BALLS (GENERALLY VERY BLACK AND SEMI-FIRM WITH OBVIOUS TEXTURED APPEARANCE)

ACE 1951417

(version 6/04/89)

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Block (see enclosed map): K9-16

Includes Shoreline Segments: BR-1, BR-2

Location: Big River Bay

Submitted: _____ Date: _____
(for Exxon)

FOSC Approval: _____ Date: _____

The cleanup procedures identified in the Shoreline Cleanup Program are recommended. Exxon and other field personnel are encouraged to suggest innovations and productivity enhancements to the OSC's on-scene representative. Requirements for safety and the protection of cultural material must be observed.

CC: KISCC

ACE 1951418

K-9-16

WILKES
R
S
E
O
K
I
L
H



INT. KATMA (1)

SE

1 M

1 M

ACE 1951419 - 15