

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

DDP
10/4/91

OK 

STREAM#: 2322210090
SEGMENT: ~~SG500~~

YB-1

DATE PRINTED: 08/14/91

PAGE 17

LOCATION: NUKA BAY, NORTH ARM, ~~4.5 M NORTH OF MOSS POINT~~

— HEAD of YALIK BAY —

SURVEY TYPE: 89 AFHS - BS/SS

METHOD: GROUND FOOT

DATE: 07/26/89

TEAM RECORDER: HILL

START TIME: 1348

OBSERVERS: RANDALL

END TIME: 1440

TIDES: Ebb
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2322210090

ROLL#: 89DDH011H

FRAME: 13-20

VIDEO TAKEN: N

TAPE#:

START:

END:

SAMPLES TAKEN: Y

SAMPLE NUMBERS: 89DDH020H

89DDH021H

OIL IN STREAM BED: ~~N~~ Y

OIL ON BEACH BY MOUTH: Y

OVERALL OIL IMPACT: L/M

WAVE EXPOSURE: LOW

SHORELINE TYPE: BEACH TIDE FLATS

SUBSTRATE TYPE: BEDROCK

BOULDER

COBBLE 30

VEGETAT

GRAVEL 

SAND 15

MUD/SILT

GRANULE 15

ANADROMOUS FISH PRESENT: N

SPECIES:

COUNT:

△
SEGMENT
YB-1
←
↓
ON Following Page
ALSO

ACE 9962079-15/15/P

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

OK

PAGE 23

DATE PRINTED: 08/14/91

STREAM# : 2322210090

SEGMENT#: ~~SG500~~ YB-1

SURVEY TYPE : 89 AFHS - BS/99
DATE: 07/26/89
TIMES: 1348 - 1440

LOCATION: NUKA BAY, NORTH ARM, ~~4.5 M~~
NORTH OF MOSS POINT Head of
TEAM RECORDER: HILL YALIK BAY

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1			90	.6	54	1	1	5	OR TAR TB P
2			365	9	3285	15	1		OR TAR TB M

COMMENTS:

OILING VERY SPORADIC AT THIS TIME. MOST OIL OBSERVED WAS LOCATED BY TURNING ROCKS. THE SURFACE OFTEN FREE OF OIL BUT NUMEROUS POCKETS OF OIL SATURATED GRAVEL/SAND FOUND BELOW (CHOCOLATE BROWN MOUSSE) - 1 PATCH OF OIL PER 2 FEET SQUARED. ALSO, ASPHALTED OIL ON SURFACE (DRY BLACK CRUST) - SUBSURFACE SATURATED INTO OIL. 4-WHEELER TRACKS ON BEACH FROM EARLIER CLEANUP EFFORT. 273 CUBIC YARDS OF OILED MATERIAL WERE REMOVED FROM THIS BEACH DURING THE TIME PERIOD 5/28/89 THRU 6/26/89 ACCORDING TO SEWARD ICC REPORT. NO FISH OBSERVED AT THIS TIME - CREEK DRY ABOUT 80 YARDS ABOVE BEACH, "VERY LITTLE" FLOW - PROBABLE THAT THE FLOW WILL INCREASE LATER IN THE SEASON.

SQUARE

ACE 9962080 -/s



1989-AFHS

Site 4-2

Yalik Bay - Creek at Head ⁰¹²

ASC NUMBER: 232-22-10090 SEGMENT NUMBER: YB-1 YR CATALOGED:

LOCATION: Nuka Bay, Yalik Bay, Head of Bay

TEAM NAME: -

STREAM K-UNIT: LOCAL STREAM #:

USGS QUADRANGLE: Seldovia B-2

SHORELINE TYPE: Beach, Tide flats ALL SEGMENTS:

WAVE EXPOSURE: Low

LATITUDE: 59 28 18

LONGITUDE: 150 39 31

LEGAL: S. 05 8W21

SC NUMBER:

SURVEY TYPE: BS

METHOD: Ground

DATE: 7/26/89

START TIME: 1348

STOP TIME: 1440

TEAM RECORDER: Doug Hill

OBSERVERS: Rick Randall

AGENCY(IES): ADF+G

PHOTOS TAKEN? Roll #: 89DDH11H Frames: 13 → 20

VIDEO TAKEN? Tape Number:

Counter Start:

AMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1. ^{YAL Bay} DDH/RDR-7/26/89-1420 2. ^{89DDH20H} 3. ^{89DDH21H} #. 3 (yes).

4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	90	.6	54	1	1	5	oil saturated gravel - OR TAR, TB, Patties
SITE 2	365	9	3285	15	1	—	oil saturated gravel - OR Tar, TB, patties, MS
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L/M

OIL IN STREAM CHANNEL? ^Y

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

SUBSTRATE

Bedrock	Granule <input checked="" type="checkbox"/> 15
Boulder <input checked="" type="checkbox"/>	Sand <input checked="" type="checkbox"/> 15
Cobble <input checked="" type="checkbox"/> 70	Silt <input checked="" type="checkbox"/>
Pebble	Veget.

SPECIES					
COUNT					

oilings very sporadic at this time. Most oil observed was located by turning rocks. The surface often free of oil but numerous pockets of oil saturated gravel - sand found below (chocolate brown mussels) --- 1 patch of oil per 2 feet squared.

Also, asphalted oil on surface (dry black crust) - subsurface saturated with oil. 4 wheeler tracks on beach from earlier cleanup effort.

273 cu yds of oiled material were removed from this beach during the time period 5/28/89 thru 6/26 according to seaward ICC report.

No fish observed at this time - creek dry about 80 yds. above beach - "very little" flow --- probable that the flow will increase later in the season.

ACE 9962081 +HS

OK

FISH HABITAT ASSESSMENT FORM

Nuka Bay - Creek at Head of "YALIK BAY"

¹REGION: ²PWS 3 KP, CI ⁴K, AP ⁵OBSERVER(S) Doug Hill, Rick Randall

⁶SITE NO. 4-2 ⁷AERIAL PHOTO NO. 13, 14, 20 ⁸CAT NO. 232-22-10190

⁹STREAM NAME _____ ¹⁰LAT _____ ¹¹LONG _____

¹²DATE 7/26/89 ¹³TIME 1348 ¹⁴TIDE: Low slack Flood High slack Ebb

¹⁵CATALOGED ANADROMOUS STREAM? N ¹⁶ANAD. FISH FOUND? N

¹⁷OIL FOUND IN STREAM? N ¹⁸OIL FOUND NEAR STREAM (1 MI.)? N

¹⁹OIL SAMPLES TAKEN? N ²⁰ID NOS. YAL BAY-DDH/RDR-7/26/89-1420

²¹35 MM PICTURES TAKEN? N ²²ROLL NO(S). 89DDH11H

²³ EXPOSURE NO.	²⁴ DESCRIPTION
<u>13, 14</u>	<u>Aerial Head of Yalik Bay, location ID of oil sample</u>
<u>20</u>	<u>Aerial view of location sampled. Surrounding beach in photo from creek on right to point of focus at lower left.</u>
<u>15</u>	<u>Rick Randall's Oil Sample / Change of oil found when surface turned over</u>
<u>16</u>	<u>Oil observed on surface / Extent of oil enhanced as we turned surface</u>
<u>17</u>	<u>3+4-wheeler tracks along line of oil - Rick Randall on oil line</u>
<u>18</u>	<u>oil sample. Oil found upon churning surface 1-2" penetration / Rick Randall</u>
<u>19</u>	<u>oil sample steady line of oiled debris - 2' wide and up to 1/2" thick</u>

²⁵VIDEO FOOTAGE TAKEN? Y N ²⁶CASSETTE NO(S). _____

²⁷DESCRIPTION: _____

ACE 9962082
 ACE 7380233

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial								
29 Ground								

30 COMMENTS: No Fish Observed at this time - Creek dry about 80 yds above beach - "Very Little" Flow
probable that water flow will increase later in season

OIL OBSERVATIONS

Site 4-2

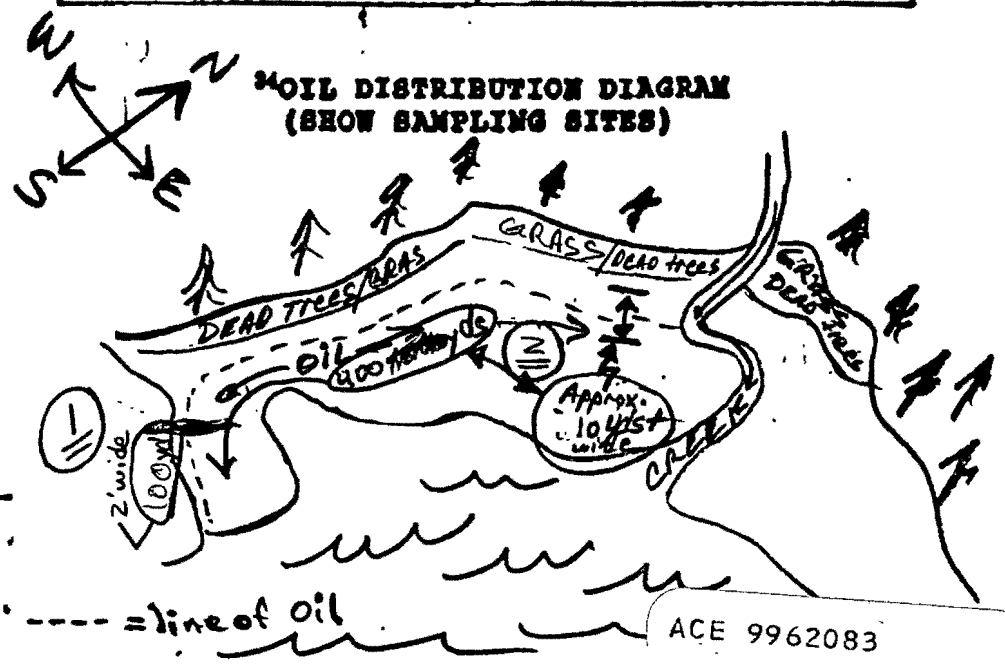
EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE		10' x 4-500yds observed
32 SURFACE THICKNESS		up to 3/8"
33 PENETRATION		2"

34 **PREDOMINANT SUBSTRATE TYPE:**

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

OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)



ACE 9962083

ACE 7380234

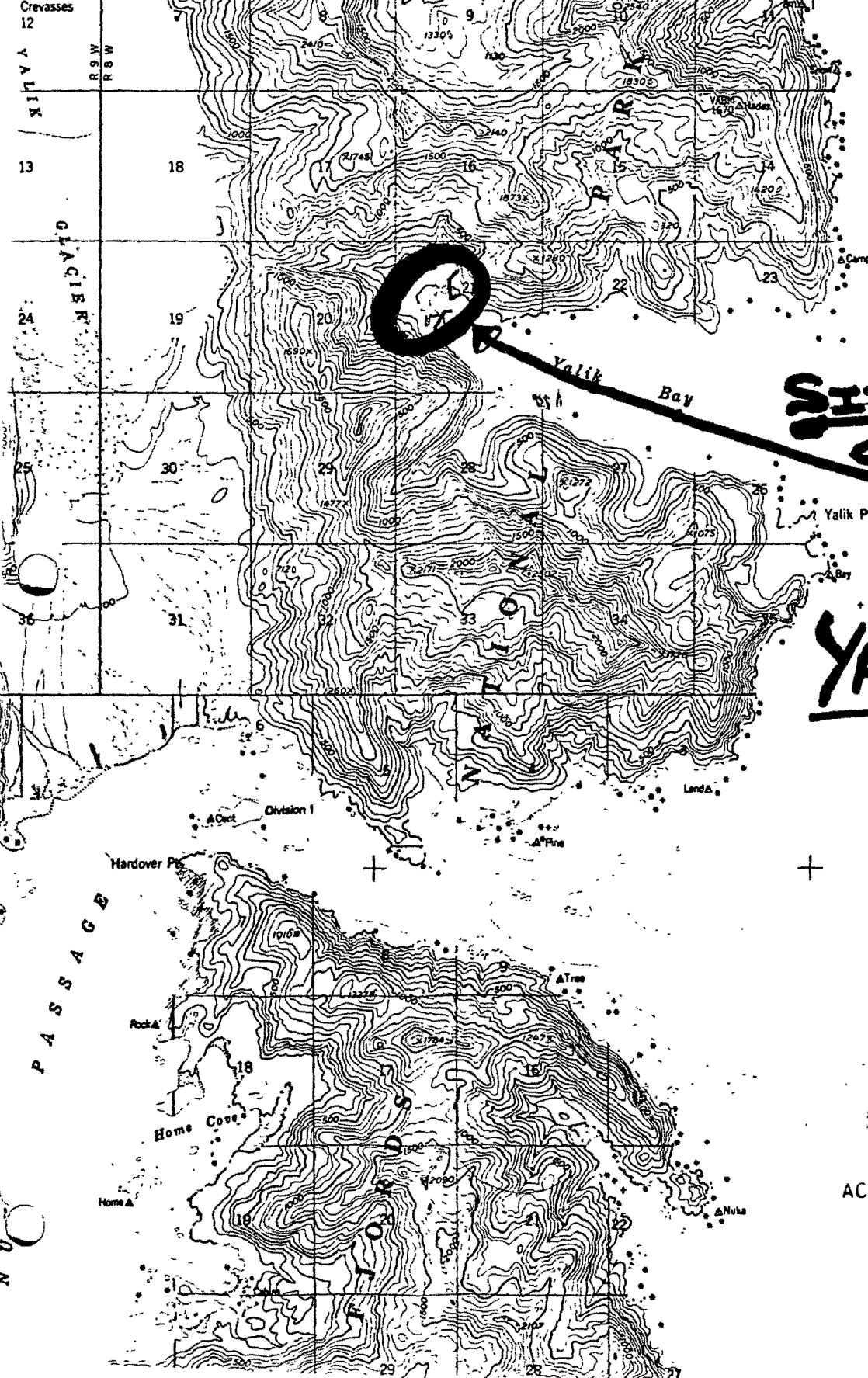
Mid Tide Area

35 COMMENTS: Sporadic Patches of Oil saturated substrate, Splashes of baked Oil numerous
Often Surface is clean of oil - closer inspection & turning rocks over reveals numerous pockets
of chocolate brown mousse/oil saturated sand & gravel - 3 pocket per 2 feet squared
South Shore beneath Rock face => steady line of 2' wide / of oiled debris - 3/8" thick mousse
 (photo 19919)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

3000m. E. 40 R 8 W 35 (SELDOVIA C-2)

Seldovia
B-2



WEST
ARM

SITE 4-2

YALIK BAY CNK.

ACE 9962084 -15

ACE 7380235

N U C

N U K

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

OK



STREAM#: 2322210090
SEGMENT: ~~SG500~~

DDA
10/4/91

Sorry
Correct
(DDA 10/7/91)

DATE PRINTED: 08/19/91

PAGE 25

LOCATION: NUKA BAY, NORTH ARM, 4.5 M NORTH OF MOSS POINT *Head of Yalik Bay*

SURVEY TYPE: 89 AFHS - BS *SS*

METHOD: GROUND *Foot*

DATE: 08/04/89

TEAM RECORDER: HILL

START TIME: 1115

OBSERVERS: RANDALL

END TIME: 1138

TIDES: *Flood*
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: N

STATION: 2322210090

ROLL#:
FRAME:

VIDEO TAKEN: N TAPE#:
START: END:

SAMPLES TAKEN: N

SAMPLE NUMBERS:

OIL IN STREAM BED: N

OVERALL OIL IMPACT: N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: LOW

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK BOULDER COBBLE *70* VEGETAT

GRAVEL SAND *15* MUD/SILT GRANULE *15*

ANADROMOUS FISH PRESENT: N

SPECIES:

COUNT:

ACE 9962085 *HS*

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 38

DATE PRINTED: 08/19/91

STREAM# : 2322210090

SEGMENT#: SG500 YB-1

SURVEY TYPE : 89 AFHS - BS/SS
DATE: 08/04/89
TIMES: 1115 - 1138

LOCATION: NUKA BAY, NORTH ARM, ~~4.5 M~~
NORTH OF MOSS POINT Head of
TEAM RECORDER: HILL Yalik Bay

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									NONE

COMMENTS:

SITE 6-3. NO OIL OBSERVED. NO FISH OBSERVED. FOOT SURVEYED ~400 YARDS OF BEACH. AERIAL - NO FISH OBSERVED IN STREAM 2322210080.

nearby

ACE 9962086 -15

AFHS-1989



Site 6-3

Nuka Bay, North Arm

ASC NUMBER: 232-22-10090

SEGMENT NUMBER: None

YR CATALOGED:

LOCATION: Nuka Bay, North Arm, NW Bay

TEAM NAME: None

LATITUDE: 59 35 55

ADIAK K-UNIT:

LOCAL STREAM #:

LONGITUDE: 150 32 57

S QUADRANGLE: Seldovia 2-2

SHORELINE TYPE: Beach

ALL SEGMENTS:

LEGAL: S 7S 8W1

WAVE EXPOSURE: low

ASC NUMBER:

TEAM RECORDER: Doug Hill

SURVEY TYPE: BS

OBSERVERS: Rick Randall

METHOD: *Scuba*

AGENCY(IES): A19

DATE: 8/4/89

START TIME: 1115

STOP TIME: 1138

PHOTOS TAKEN? NO

Roll #: Frames:

VIDEO TAKEN? NO Tape Number:

Counter Start:

SAMPLES TAKEN? 1

SAMPLE I.D. NUMBERS: 1.

2.

3.

4.

5.

6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							None
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: No oil observed

OIL IN STREAM CHANNEL? NO

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? NO

SUBSTRATE

Bedrock	Granule 15
Boulder ✓ 7	Sand 15
Cobble 70	Silt
Pebble	Veget.

SPECIES					
COUNT					

COMMENTS: No oil observed / NO fish observed
Foot Surveyed approx. 400 yds on beach

Aerial
No oil observed in stream 232-22-10080

ACE 9962087 +16

FISH HABITAT ASSESSMENT FORM

NUKA Bay - West Arm - North Arm - NE Bay of the North Arm

1 REGION: 2 PWS (KP, CI) 3 K, AP 4 OBSERVER(S) Doug Hill, Rick RANDALL

5 SITE NO. 6-3 6 AERIAL PHOTO NO. _____ 7 1115 hrs → 232-22-10090
8 CAT NO. _____ 9 1145 hrs → 232-22-10080

10 STREAM NAME _____ 11 LAT _____ 12 LONG _____

13 DATE 8/4/89 14 TIME 1115 15 TIDE: Low slack Flood High slack Ebb
1145

16 CATALOGED ANADROMOUS STREAM? Y 17 ANAD. FISH FOUND? Y

18 OIL FOUND IN STREAM? Y 19 OIL FOUND NEAR STREAM (1 MI.)? Y

20 OIL SAMPLES TAKEN? Y 21 ID NOS. _____

22 35 mm PICTURES TAKEN? Y 23 ROLL NO(S). _____

24 EXPOSURE NO.	25 DESCRIPTION

← OVER →

26 VIDEO FOOTAGE TAKEN? Y 27 CASSETTE NO(S). _____

28 DESCRIPTION: _____

_____ ACE 9962088

_____ ACE 7380285

ANADROMOUS FISH OBSERVATIONS

PINK CHUM RED KING COHO DOLLY

28	Aerial							
29	Ground							

30 COMMENTS: No Fish Observed

Site # 6/11

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	/	/
32 SURFACE THICKNESS	/	/
33 PENETRATION	/	/

34 OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

- 35 PREDOMINANT SUBSTRATE TYPE:
1. Bedrock
 2. Boulder
 3. Cobble
 4. Gravel
 5. Sand
 6. Mud
 7. Other

Foot Surveyed ~400 yds OF BEACH. *CAT. # 10090*

No Oil Observed

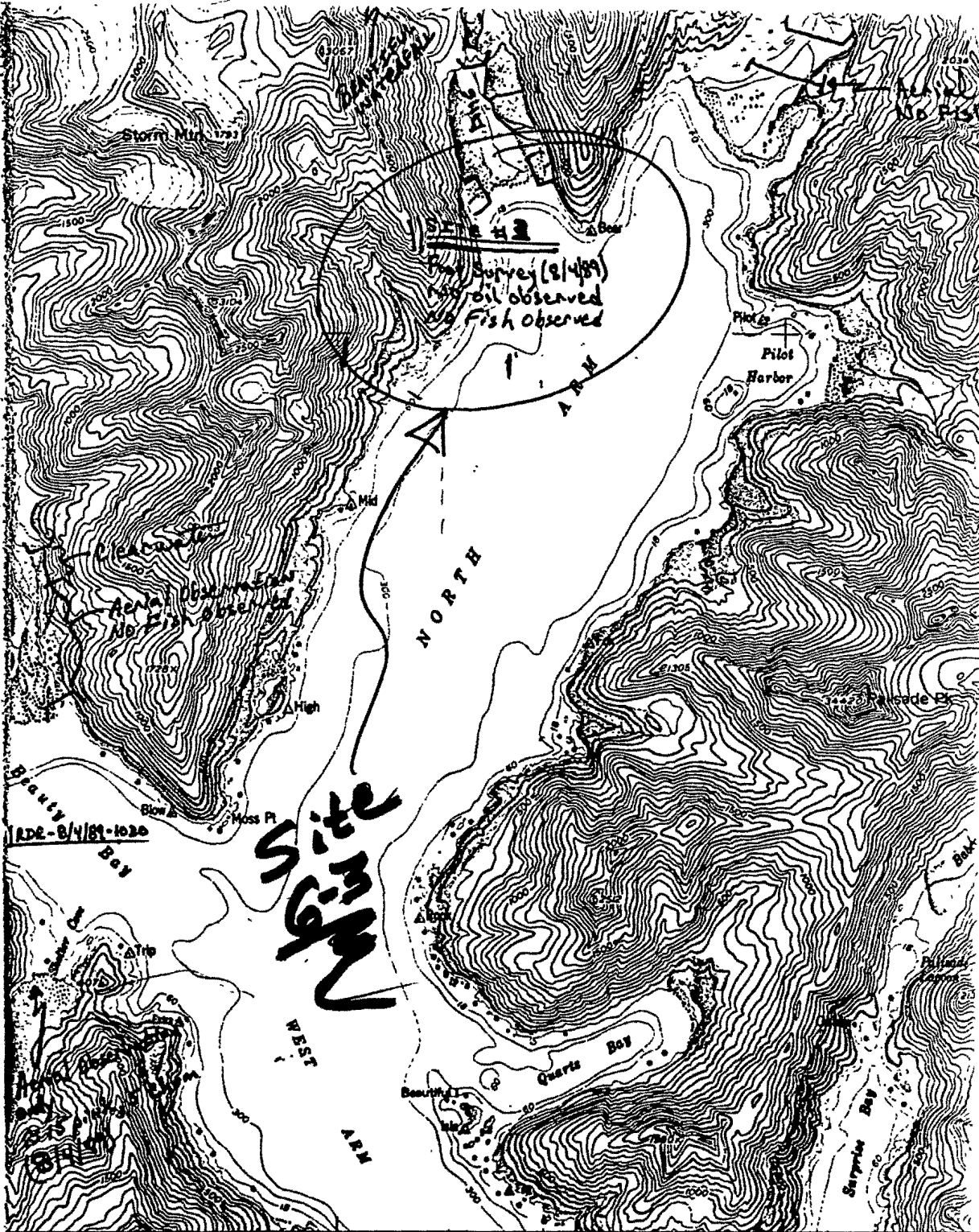
No Foot/NO FISH Observed *CAT. NO 10080*
Aerial Survey ONLY

36 COMMENTS: _____

ACE 9962089

ACE 7380286

SEDOVIA
C-2



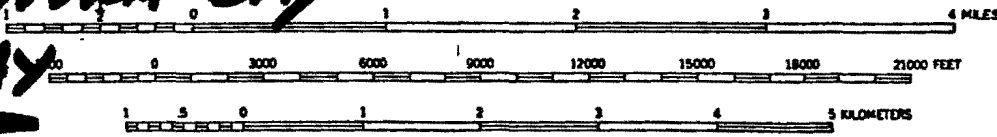
ADZ-8/4/89-1020

White Site

NORTH ARM NUNAVUT BAY

NW BAY

(SEDOVIA B-2)
SCALE 1:63360



CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 9 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA DENVER 2, COLORADO WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ACE 9962090 -15

ACE 7380287



QUADRANGLE LOCATION

This r

AFHS-1989

Site 6-3

Nuka Bay, North Arm

ASC NUMBER: 232-22-10090

SEGMENT NUMBER: none

YR CATALOGED:

LOCATION: Nuka Bay, North Arm, NW Bay

STREAM NAME: none

LATITUDE: 59 35 55

RODIAK K-UNIT: .

LOCAL STREAM #:

LONGITUDE: 150 32 57

USGS QUADRANGLE: Seldovia C-2

LEGAL: 5 7S 8W1

SHORELINE TYPE: Beach

ALL SEGMENTS:

WAVE EXPOSURE: low

ASC NUMBER:

TEAM RECORDER: Dovy Hill

SURVEY TYPE: 25/45 foot

OBSERVERS: Rick Randall

METHOD:

AGENCY(IES): ADF&G

DATE: 8/4/89

START TIME: 1115

STOP TIME: 1138

PHOTOS TAKEN? NO

Roll #:

Frames:

VIDEO TAKEN? NO Tape Number:

Counter Start:

SAMPLES TAKEN? N

SAMPLE I.D. NUMBERS: 1.

2.

3.

4.

5.

6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: No oil observed

OIL IN STREAM CHANNEL? No

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? NO

SUBSTRATE

Bedrock	Granule $\frac{1}{4}$ 40
Boulder	Sand $\frac{1}{4}$
Cobble $\frac{1}{2}$	Silt
Pebble $\frac{1}{2}$	Veget.

SPECIES					
COUNT					

COMMENTS: No oil observed / No fish observed
Foot Surveyed Approx. 400 yds of beach

Serial
No fish observed in stream 232-22-10080

FISH HABITAT ASSESSMENT FORM

NUKA Bay - West Arm - North Arm - NE Bay of the North Arm

1 REGION: 2 PWS KP, CI 4 X, AP 5 OBSERVER(S) Doug Hill, Rick RANDALL

6 SITE NO. 6-3 7 AERIAL PHOTO NO. _____ 1115 hrs → 232-22-10090
8 CAT NO. _____ 1145 hrs → 232-22-10080

9 STREAM NAME _____ 10 LAT _____ 11 LONG _____

12 DATE 8/4/89 13 TIME 1115 14 TIDE: Low slack Flood High slack Ebb
1145

15 CATALOGED ANADROMOUS STREAM? Y 16 ANAD. FISH FOUND? Y

17 OIL FOUND IN STREAM? Y 18 OIL FOUND NEAR STREAM (1 MI.)? Y

19 OIL SAMPLES TAKEN? Y 20 ID NOS. _____

21 35 mm PICTURES TAKEN? Y 22 ROLL NO(S). _____

23 EXPOSURE NO.	24 DESCRIPTION

← OVER →

25 VIDEO FOOTAGE TAKEN? Y 26 CASSETTE NO(S). _____

27 DESCRIPTION: _____
ACE 9962092 - 14 PINE
ACE 7380285

ANADROMOUS FISH OBSERVATIONS

PINK CHUM RED KING COHO DOLLY

28	Aerial							
29	Ground							

30 COMMENTS: No Fish Observed

Site of
Site 6/11

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	/	/
32 SURFACE THICKNESS	/	/
33 PENETRATION	/	/

34 OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

35 PREDOMINANT SUBSTRATE TYPE:

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

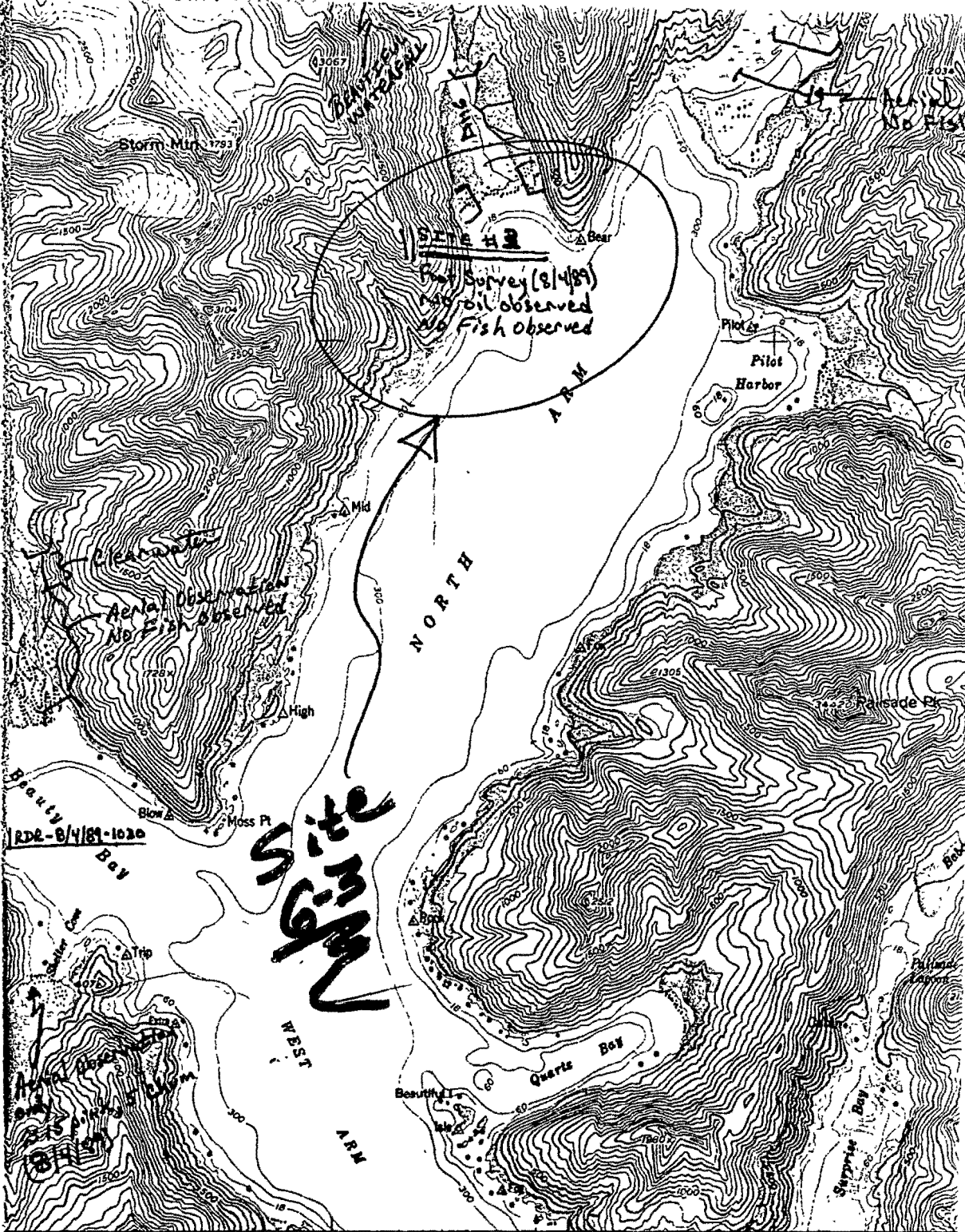
Foot Surveyed ~400 yds OF BEACH. CAT. # 10090

No Oil Observed

No Foot/NO Fish Observed CAT. NO 10080
Aerial Survey ONLY

36 COMMENTS:

SELDOVIA
C-2

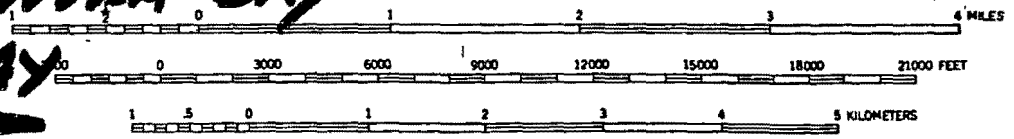


RDE-8/4/89-1020

NORTH ARM NUNAV BAY

NW BAY

(SELDOVIA B-2)
SCALE 1:63360



CONTOUR INTERVAL 100 FEET
 DATUM IS MEAN SEA LEVEL
 DEPTH CURVES IN FEET DATUM IS MEAN LOWER LOW WATER
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 9 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY
 FAIRBANKS, ALASKA DENVER 2, COLORADO WASHINGTON 25, D. C.
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOC

ACE 7380287