

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

DDA
10/7/91

OK



STREAM#: 2421010220
SEGMENT: KC902

PAGE 31

DATE PRINTED: 08/14/91

LOCATION: PORT CHATHAM, SOUTH

SURVEY TYPE: 89 AFHS - BS/99

METHOD: GROUND FOOT

DATE: 07/21/89

TEAM RECORDER: HILL

START TIME: 1245
END TIME: 1300

OBSERVERS: GLENN LENTFER

TIDES:
OG/HAB DISCREPANCIES:

AGENCY: FG CNA

PHOTOS TAKEN: Y

STATION: 2421010220

ROLL#: 89DDH007H 89DDH014H
FRAME: 28-30 10

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 LOW-LYING ROCKS

SUBSTRATE TYPE: BEDROCK
GRAVEL

BOULDER
SAND

COBBLE
MUD/SILT

VEGETAT
GRANULE

ANADROMOUS FISH PRESENT:

SPECIES: *PINK Salmon*
Chum Salmon

COUNT: 6
1

Substrate
DDA

ACE 10459401 H/K/S/P

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

ok

PAGE 34

DATE PRINTED: 08/14/91

STREAM# : 2421010220
SEGMENT#: KC902

SURVEY TYPE : 89 AFHS - BS
DATE: 07/21/89
TIMES: 1245 - 1300

LOCATION: PORT CHATHAM, SOUTH
TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									ST

COMMENTS:

SITE 1-3. THE AMOUTH OF OIL OBSERVED ON THIS SURVEY WAS ONLY A SPLATTER. WALKED ~100 YARDS UPSTREAM OF STREAM MOUTH - OBSERVED ONE CHUM CARCASS. CHUM OBSERVED AT STREAM MOUTH. PINKS OBSERVED IN INTERTIDAL. AN OIL SAMPLE WAS TAKEN ON 8/5/89. THE SAMPLE WAS TAKEN FROM THE BEACH BELOW THE OLD CANNERY SITE ON THE SOUTH SHORE ~1 MILE TO THE NW OF THIS STREAM. JACK LENTFER OF CHUGACH NATIVE ASSOC. HAS FOUND OIL ON THIS BEACH ON PREVIOUS TRIPS. ADDITIONALLY, NATIVE CREWS HIRED BY VECO COLLECTED OIL OFF THE BEACHES OF PORT GRAHAM. ~~THE NUMBER ON~~ THE QUANTITY OF OIL RETRIEVED BY THE CREWS IN THIS AREA ~~HAVE~~ NOT BEEN ACCESSIBLE.

HAS

data

DDH
8/29/91

1989-AEHS

Site 1-3

Port Chatham-Southstream

ASC NUMBER: 242-10-10220 SEGMENT NUMBER: KC-902 YR CATALOGED:

LOCATION: Port Chatham-Southernmost stream

STREAM NAME:

LATITUDE: 59 12 13

LONGITUDE: 151 42 03

LEGAL: S 113 14W19

DIAMETER K-UNIT:

LOCAL STREAM #:

USGS QUADRANGLE: Seldovia A-5

RELIEF TYPE: Beach, low lying rocks ALL SEGMENTS:

WAVE EXPOSURE: Low

7/21/89

8/5/89

ASC NUMBER:

SURVEY TYPE: BS

METHOD: Ground

DATE: 7/21/89 + 8/5/89 (SAMPLE COLLECTION SURVEY)

START TIME: 1245

STOP TIME: 1300

TEAM RECORDER: Doug Hill

OBSERVERS: Lee Glenn

AGENCY(IES): ADF+G

PHOTOS TAKEN? Y

Roll #: 89D0H07 Frames: 28, 29, 30

VIDEO TAKEN? Tape Number: 10

Counter Start:

Doug Hill
Lee Glenn
(ADF+G)
Jack Lentfer
(Chugach
Native
Assoc.)

TIDES LOW

SAMPLES TAKEN? NO

SAMPLE I.D. NUMBERS: 1. ~~DOH 9/5/89 1200~~ 2. 3.
4. 5. 6.

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

OVERALL OIL IMPACT: N

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? N

SUBSTRATE

Bedrock ✓	Granule
Boulder ✓	Sand
Cobble ✓	Silt
Pebble	Veget.

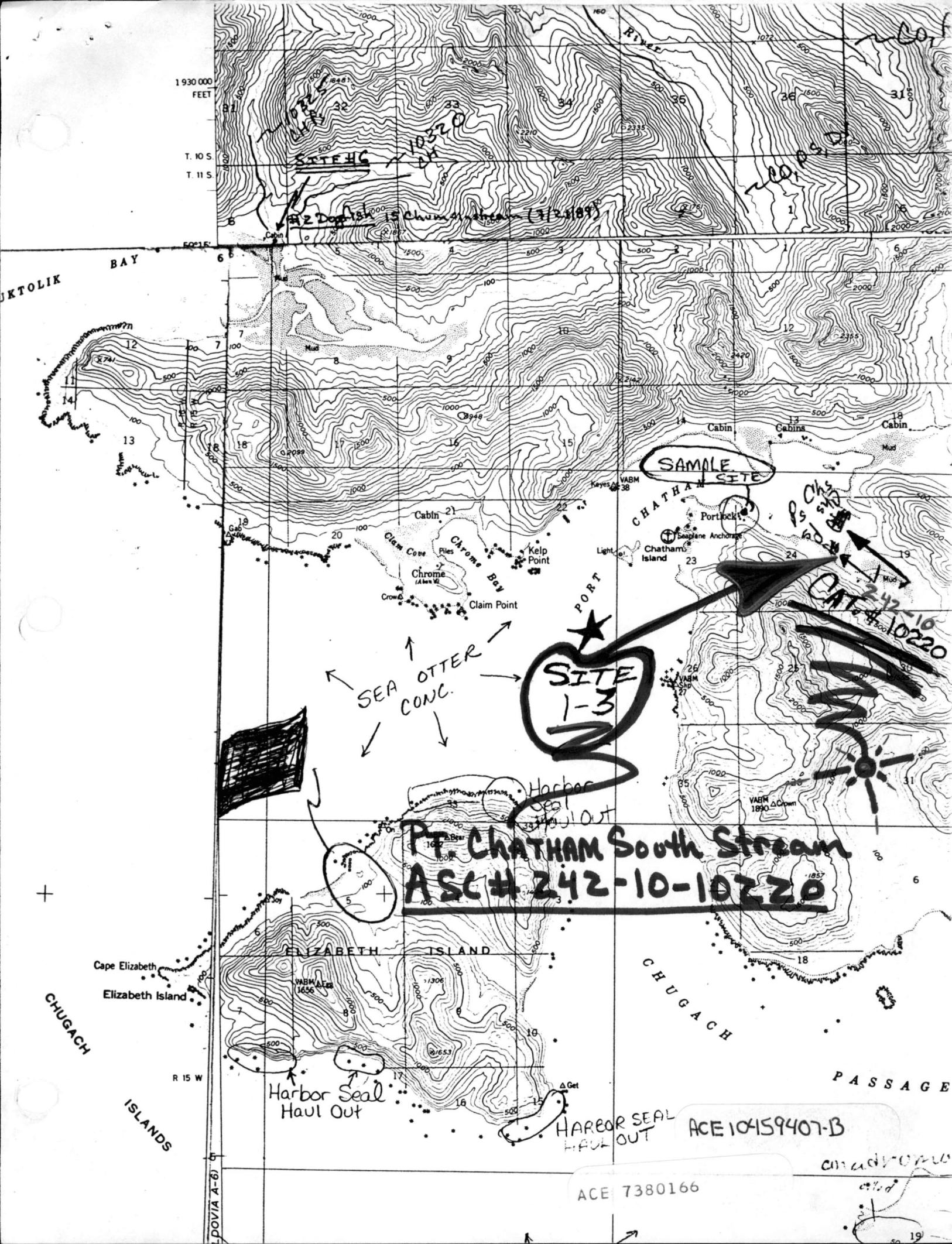
	7/21/89	7/21/89			
SPECIES	Pink	Chum			
COUNT	6	1			

7/21/89 COMMENTS: The amount of oil observed on this survey was only a splatter. Walked ~ 100 yds upstream of stream mouth - observed one Chum carcass. Chum observed at stream mouth. Pinks observed in intertidal.

* An oil sample was taken on 8/5/89. The sample was taken from the beach below the old cannery site on the south shore approximately 1 mile to the NW of this stream

* Jack Lentfer of Chugach Native Assoc. has found oil on this beach on previous trips.

Additionally, native crews hired by VECO collected oil off the beaches of Pt. Graham - the numbers on the quantity of oil retrieved by the crews in this area have not been accessible



1930000
FEET
T. 10 S
T. 11 S

UKTOLIK BAY

SAMPLE SITE

SITE 1-3

SEA OTTER CONC.

Pt. CHATHAM South Stream
ASC# 242-10-10220

CAT # 242-10-10220

Harbor Seal Haul Out

HARBOR SEAL HAUL OUT

ACE 104159407-B

ACE 7380166

CHUGACH ISLANDS

CHUGACH

PASSAGE

R 15 W

DOVIA A-6

CHUGACH ISLANDS

FISH HABITAT ASSESSMENT FORM

Pt. Chatham. ^{South}
 1 REGION: 2 PWS KP, CI ~~XXXX~~ 5 OBSERVER(S) Don Hill, Lee Glenn
 242-10
 6 SITE NO. 1-3 7 AERIAL PHOTO NO. 26, 27 8 CAT NO. 10220

9 STREAM NAME _____ 10 LAT _____ 11 LONG _____

12 DATE 7/21/89 13 TIME 1245 14 TIDE: Low slack Flood High slack Ebb

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

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

19 OIL SAMPLES TAKEN? Y N 20 ID NOS. ~~XXXX~~ ^{DOY} _____

21 35 mm PICTURES TAKEN? Y N 22 ROLL NO(S). 89-DDH-007

23 EXPOSURE NO.	24 DESCRIPTION
<u>24</u>	<u>Ground photo - looking downstream from mouth of inter-tidal area</u>
<u>25</u>	<u>" " - looking upstream from mouth of inter-tidal area</u>

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


27 DESCRIPTION: _____

ACE 10459405

ACE 7380162

ANADROMOUS FISH OBSERVATIONS

PINK CHUM RED KING COHO DOLLY

28	Aerial		1					
29	Ground	6	1					

30 COMMENTS: Chum/pink stream. Chum observed at mouth/Chum carcass observed 100 yds upstream of intertidal. 6 pinks intertidal

OIL OBSERVATIONS

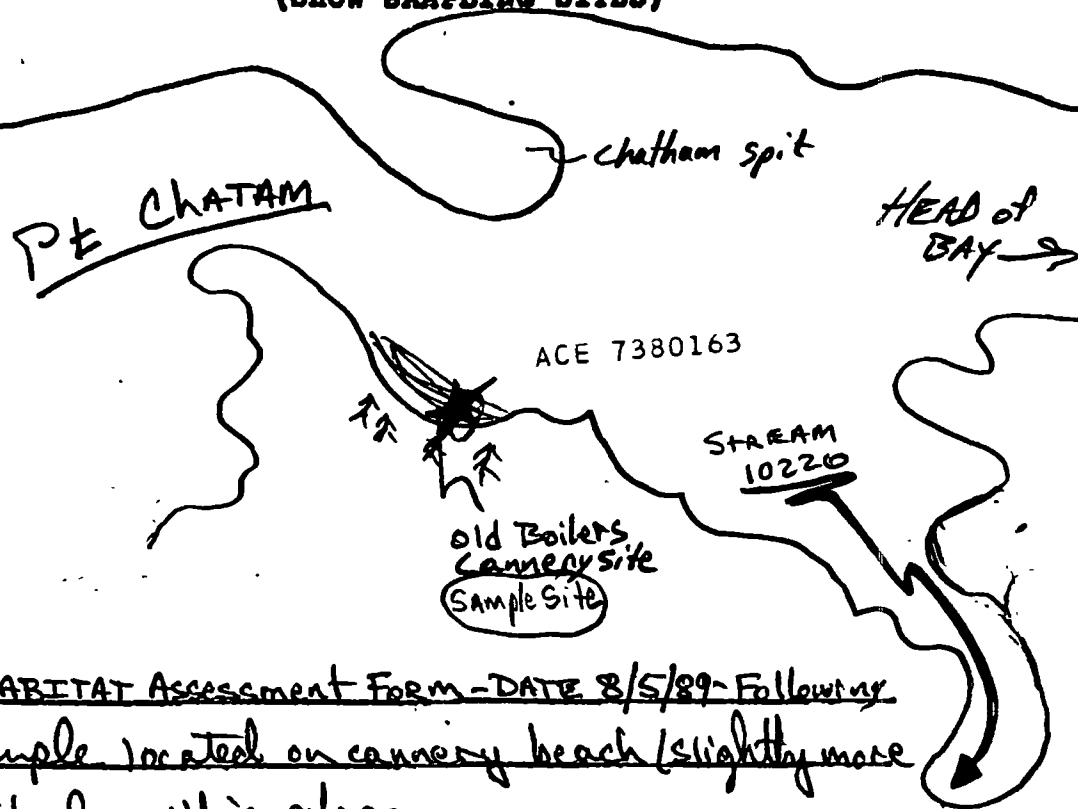
EXTENT OF OIL:

	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



36 COMMENTS: SEE HABITAT Assessment Form - DATE 8/5/89 - Following page - oil sample located on cannery beach (slightly more than a mile from this stream)

1989-AFHS

Site 1-3

Port Chatham - Southern

ASC NUMBER: 242-10-10220 SEGMENT NUMBER: KC-902 YR CATALOGED:

LOCATION: Port Chatham - Southernmost Stream

STREAM NAME:

LATITUDE: 59 12 13

LONGITUDE: 151 42 03

LEGAL: S 115 14w19

DIAM K-UNIT: LOCAL STREAM #:

USGS QUADRANGLE: Seldovia A-5
SHORELINE TYPE: Beach, low lying rocks ALL SEGMENTS:

WAVE EXPOSURE: Low

7/21/89

8/5/89

ASC NUMBER:

SURVEY TYPE: BS

METHOD: Ground

DATE: 7/21/89 + 8/5/89 (SAMPLE Collection) Survey

START TIME: 1245

STOP TIME: 1300

TEAM RECORDER: Doug Hill

OBSERVERS: Lee Glenn

AGENCY (IES): ADF+G

PHOTOS TAKEN? Y

Roll #: 89 DCH 07
89 DCH 14

Frames: 28, 29, 30

VIDEO TAKEN?

Tape Number: 10

Counter Start:

Doug Hill
Lee Glenn
(ADF+G)
Jack Lentfer
(Chugach
Native
Assoc)

SAMPLES TAKEN? NO

SAMPLE I.D. NUMBERS: 1. DCH-9/5/89-1200 2. 3.
4. 5. 6.

DCH
10/21/89

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

OVERALL OIL IMPACT: N

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? N

SUBSTRATE

Bedrock ✓	Granule
Boulder ✓	Sand
Cobble ✓	Silt
Pebble	Veget.

SPECIES	7/21/89	7/21/89			
		Pink	Chum		
COUNT	6	1			

COMMENTS: 7/21/89 *The amount of oil observed on this survey was only a splatter. Walked ~ 100 yds upstream of stream mouth - observed one Chum carcass. Chum observed at stream mouth. Pinks observed in intertidal.

*An oil sample was taken on 8/5/89. The sample was taken from the beach below the old cannery site on the south shore approximately 1 mile to the NW of this stream

*Jack Lentfer of Chugach Native Assoc. has found oil on this beach on previous trips. Additionally, native crews hired by VECO collected oil off the beaches of Pt. Graham - The numbers on the quantity of oil retrieved by the crews in this area have not been accessible

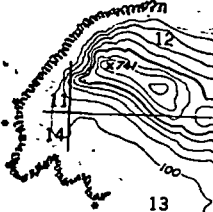
1930000
FEET

T 10 S
T 11 S

60°E

BAY

JKTOLIK



13

Cabin 21
Cabin 20
Cabin 19
Cabin 18
Cabin 17
Cabin 16
Cabin 15
Cabin 14
Cabin 13
Cabin 12
Cabin 11
Cabin 10
Cabin 9
Cabin 8
Cabin 7
Cabin 6
Cabin 5
Cabin 4
Cabin 3
Cabin 2
Cabin 1

SAMPLE SITE

CHATHAM ISLAND

Portlock
Seaplane Anchorage
Chatham Island 23

SEA OTTER
CONC.

SITE
1-3

PS OHS
10220

PT. CHATHAM South Stream
ASC# 242-10-10220

CHUGACH ISLANDS

Cape Elizabeth
Elizabeth Island

ELIZABETH ISLAND

Harbor Seal
Haul Out

HARBOR SEAL
HAUL OUT

ACE 10459407-B

CHUGACH

PASSAGE

ACE 7380166

CHUGACH ISLANDS

DOVIA 4-61

FISH HABITAT ASSESSMENT FORM

1 REGION: Pt. Chatham - South
2 PWS KP, CI ~~KP~~ 3 OBSERVER(S) Doug Hill, Lee Glenn
242-10

4 SITE NO. 1-3 5 AERIAL PHOTO NO. 26, 27 6 CAT NO. 10220

7 STREAM NAME _____ 8 LAT _____ 9 LONG _____

10 DATE 7/21/89 11 TIME 1245 12 TIDE: Low slack Flood High slack Ebb

13 CATALOGED ANADROMOUS STREAM? Y N 14 ANAD. FISH FOUND? Y N

15 OIL FOUND IN STREAM? Y N 16 OIL FOUND NEAR STREAM (1 MI.)? Y N

17 OIL SAMPLES TAKEN? Y N 18 ID NOS. ~~26, 27~~ DOH


19 35 mm PICTURES TAKEN? Y N 20 ROLL NO(S) 89-DDH-007

21 EXPOSURE NO.	22 DESCRIPTION
<u>24</u>	<u>Ground photo - looking downstream from mouth // Intertidal Area</u>
<u>25</u>	<u>" " - looking upstream from mouth // Intertidal</u>

23 VIDEO FOOTAGE TAKEN? Y N 24 CASSETTE NO(S) _____

25 DESCRIPTION: _____
_____ ACE 10459408A
_____ ACE 7380162

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial		1						
29 Ground	6	1						

30 COMMENTS: Chum/pink stream. Chum observed at mouth/Chum carcass observed 100 yds upstream of intertidal. 6 pinks intertidal

OIL OBSERVATIONS

EXTENT OF OIL:

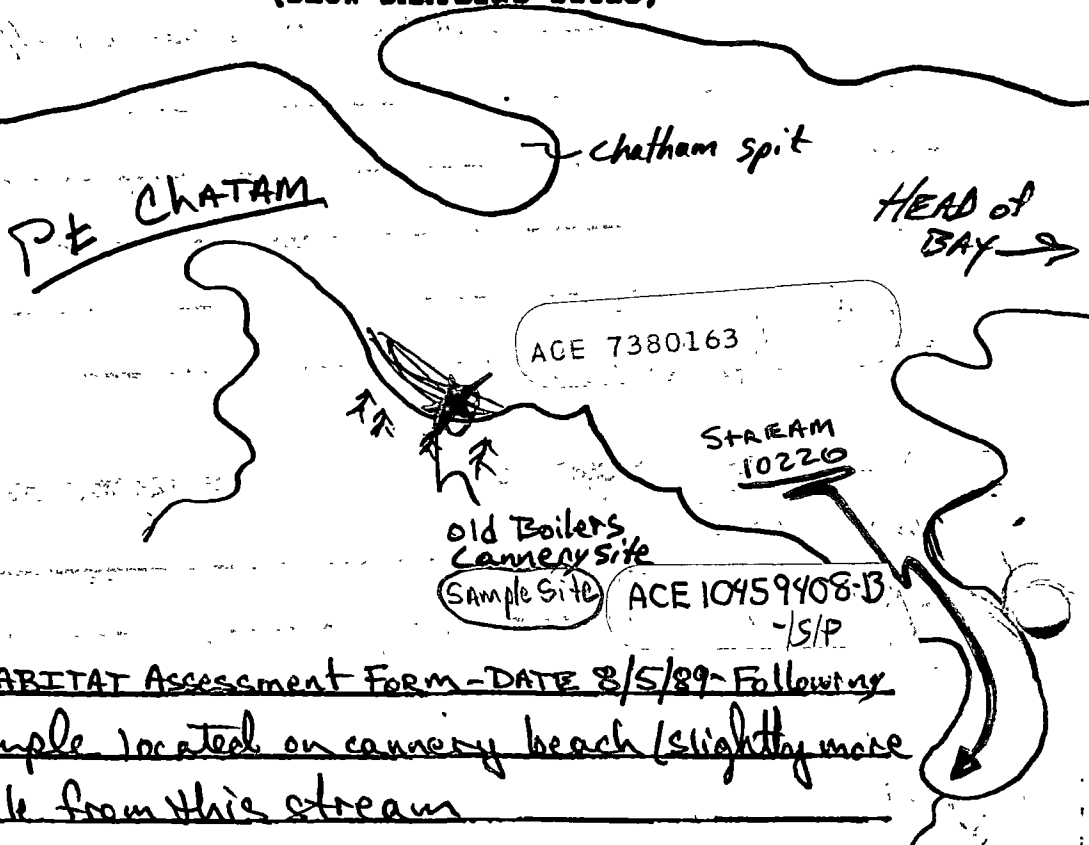
	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	∅	∅
32 SURFACE THICKNESS	∅	∅
33 PENETRATION	∅	∅

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 _____

x-oil sample



36 COMMENTS: SEE HABITAT Assessment Form - DATE 8/5/89 - Following page - oil sample located on cannery beach (slightly more than a mile from this stream

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST



STREAM#: 2421010220
SEGMENT: KC902

includes
ALL

2:0
2:40
2:50

} which?

PAGE 17

DATE PRINTED: 06/21/91

LOCATION: PORT CHATHAM, SOUTH

SURVEY TYPE: 90 PRE SCREEN - 05 89

METHOD: GROUND

DATE: 04/18/90

TEAM RECORDER: ~~GILL~~ ^{Hill}

START TIME: 1437
END TIME: 1533

OBSERVERS: MCLANE BOTKIN

OG/HAB DISCREPANCIES: -

AGENCY: FG USCG

PHOTOS TAKEN: Y

STATION: 2421010220

ROLL#: 90DDH007H
FRAME: 1-8

VIDEO TAKEN: N TAPE#: -0-
START: -0- END: -0-

SAMPLES TAKEN: Y

SAMPLE NUMBERS: ??

Disregard

~~cannot locate~~

~~DDH 4/18/90 15:30. Coc?~~

-0-
-0-
-0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: MOD

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE -0- VEGETAT -0-
GRAVEL 80 SAND 20 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: N

SPECIES: -0- COUNT: -0-
-0-
-0-
-0-
-0-

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST



PAGE 18

DATE PRINTED: 06/21/91

STREAM# : 2421010220
SEGMENT#: KC902

SURVEY TYPE : 90 PRE SCREEN - ~~SB~~ ^{BS} LOCATION: PORT CHATHAM, SOUTH
DATE: 04/18/90
TIMES: 1437 - 1533 TEAM RECORDER: GILL

-- 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-	-0-	-0-	-0-	-0-	NO OIL N

COMMENTS:

~~PORT CHATHAM SPIT WAS SURVEYED BY 3 OBSERVERS.~~ THIS IS A COLLECTION BEACH AND THERE ARE SEVERAL ANADROMOUS FISH STREAMS WHICH FEED INTO PORT CHATHAM. NO OIL WAS OBSERVED. HOWEVER, MUCH CLEANUP DEBRIS WAS FOUND. ABSORBENT BOOM MATERIAL (BLUE STRIPS) WAS ^{FOUND} ~~ALL~~ ALONG THE BEACH. ~~BLUE~~ SORBENT MATERIAL FOUND APPROX EVERY 10-15' IN UPPER DRIFT LINE OF SPIT. ONE 12' X 20' PIECE OF SEA CURTAIN (TYPAR) WITH ATTACHED 2" X 4" (FROM LOCAL MADE LOG BOOM) AND 2 12' LONG 2" X 4" BOOM PIECES WERE ALSO FOUND. ANADSCAT NOT RECOMMENDED. HOWEVER, CLEANUP CREW SHOULD BE SENT TO PICK UP BOOM DEBRIS.

OIL ON STREAM BANKS: NO
OIL WITHIN 1 MILE OF STREAM: NO

Input :

242 10 10220

Duplicate for :

242 10 10230

10240

10250

ACE 10459411

Site

ASC NUMBER: SEGMENT NUMBER: YR CATALOGED:
 LOCATION: Outer Coast, Kona Peninsula, Port Chatham spit
 STREAM NAME: LATITUDE: 59 13 2
 KODIAK K-UNIT: LOCAL STREAM #: LONGITUDE: 151 44 6
 U.S. QUADRANGLE: Seldovia A-5 LEGAL:
 SHORELINE TYPE: Beach ALL SEGMENTS:
 WAVE EXPOSURE: Moderate

ASC NUMBER:
 SURVEY TYPE: "90" Pre-screening
 METHOD: Foot
 DATE: 4/18/90
 START TIME: 1437
 STOP TIME: 1533

TEAM RECORDER: Doug Hill
 OBSERVERS: Susan McLane
 Jacki Botkin
 AGENCY(IES): ADF&G, USCG
 PHOTOS TAKEN? Yes
 Roll #: 90 DDH 074 Frames: 1, 2, 3, 4, 5, 6, 7, 8
 VIDEO TAKEN? Tape Number:
 Counter Start:

SAMPLES TAKEN? ~~yes~~ (Blue Sorbent boom material)
 SAMPLE I.D. NUMBERS: 1. DDH-4/18/90-1530 2.
 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: None observed

OIL IN STREAM CHANNEL?
 SUBSTRATE
 Bedrock Granule
 Boulder Sand 20
 Cobble Silt
 Pebbles 10 Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH?

SPECIES					
COUNT					

COMMENTS: (Transfer 90 MAD form to this section) OK

Streams in Port Chatham are 242-10-10220
 10230
 10240
 10250

Relates to Sites 1-4 of 1989 AFHA

ACE 10459412 H/S

NOT Included in A, B, or C group list

Pre-Screening

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AVS SCHA MMS PTA 2 REGION: PWS KP, CI K, AP

METHOD: Aerial Ground Boat Seldovia

3 DATE: 4-18-90 16 HIGH TIDE TIMES: 1820 21 TEAM RECORDER: Doug Hill

4 START TIME: 1437 18 HIGH TIDE HTS: 13.1 22 OBSERVERS: Susan Melone

6 STOP TIME: 1533 17 LOW TIDE TIMES: 1457 23 AGENCY: ADF&G

8 SEGMENT #: Unit 11 18 LOW TIDE HTS: 3.9 24 PHOTOS TAKEN: Y N
Jackie Botkin, USCG

7 STATION #: _____ 19 TIDE HT AT SURVEY: LOW Roll #: _____ Frame: _____

8 K-UNIT: _____ Ebb Slack Flood Slack 25 VIDEO TAKEN: Y N TAPE#: _____

9 STAT AREA: 242-10 20 USCG QUAD: Seldovia A-5 Starts: _____ Ends: _____

10 LAT: 59° 13' 2 11 LONG: 151° 44.6 26 SAMPLES TAKEN Y N Number
Debris Blue Room material
DDH-4/18/90 1530

12 SOURCE: Map Loran

13 LOCATION: Port Chatham

14 DESCRIPTION: Port Chatham Spit

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	S	L	W	M ²	S
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								
30 OVERALL OIL IMPACT:	N	VL	L	M	H			
31 OIL TYPE:	Pooled	Mousse	Tar	Asphalt	Sticky	Stain		
32 OILED DEBRIS?	<u>Y</u>	N						
33 SHORELINE TYPE:	Headland	Low-lying Rocks	<u>Beach</u>	Cove				
		Lagoon	Marsh					
34 WAVE EXPOSURE:	High	<u>Moderate</u>	Low					
35 SUBSTRATE TYPE:	Bedrock	Boulder	Cobble					
	Gravel <u>80%</u>	Sand <u>20%</u>	Mud/silt					

36 CATALOGED ANAD. FISH STREAM? Y N
Neutral within area

37 CATALOG #: _____

38 STREAM NAME: _____

39 OIL IN STREAM BED? Y N non observed

40 OIL ON STREAM BANKS? Y N

41 OIL ON BEACH ADJACENT TO MOUTH? Y N
(within 50 meters)

42 OIL WITHIN 1 MILE OF STREAM? Y N

Where: _____

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
ACE 10459413		
ACE 1955690		

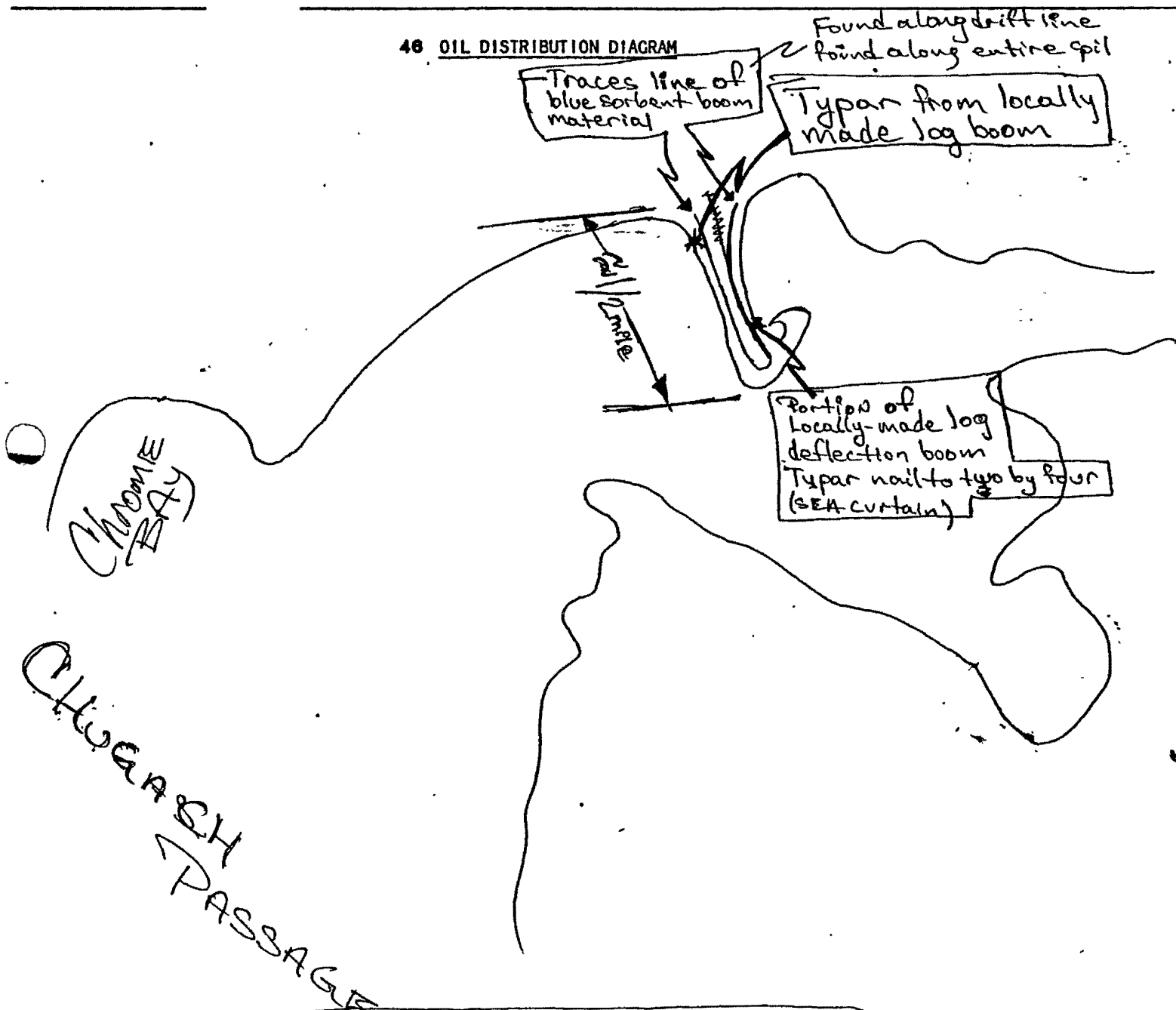
SEE MAP

COMMENTS: Pt Chatham Spit was surveyed by 3 observers. This is a collection beach and there are several anadromous fish streams which feed into Port Chatham. No oil was observed. However much cleanup debris was found. - Absorbent boom material (blue strips) were all along the beach. One 12' x 20' piece of sea curtain (typer) ^{with attached 2"x4" (from local) made (of boom)} and 2 12' long 2" x 4" boom pieces were also found. - The sorbent material found ^{is} every 10-15' feet in upper drift line spit.

FRAME(S)

DESCRIPTION

48 OIL DISTRIBUTION DIAGRAM



ANADSCAT NOT RECOMMENDED

- = Sample taken
- = Photo frame # and shot direction.

However, cleanup crew should be sent to pick up boom debris.

ACE 10459414 - 12/5/85

ACE 1955691