

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

DDM
10/9/91



STREAM#: 2323010420
SEGMENT: BM004

PAGE 43

DATE PRINTED: 08/19/91

LOCATION: THUNDER BAY, ^{EAST} SOUTHWEST OF NORTHEASTERN SHORE

SURVEY TYPE: 89 AFHS - SS

METHOD: FOOT

DATE: 09/03/89

TEAM RECORDER: HILL

START TIME: 1210

OBSERVERS: RANDALL

END TIME: 1220

TIDES: *Flood*
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2323010420

ROLL#: 89DDH035H

FRAME: 13-14

VIDEO TAKEN: Y

TAPE#: 89RDR001H

START: 2714

END: 2819

SAMPLES TAKEN: *N*

SAMPLE NUMBERS:

OIL IN STREAM BED: N

OVERALL OIL IMPACT: N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: MOD

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK

BOULDER

COBBLE 100

VEGETAT

GRAVEL

SAND

MUD/SILT

GRANULE

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON

COUNT:

250

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

OK

PAGE 56

DATE PRINTED: 08/19/91

STREAM# : 2323010420
SEGMENT#: BM004

SURVEY TYPE : 89 AFHS - SS
DATE: 09/03/89
TIMES: 1210 - 1220

LOCATION: THUNDER BAY, SOUTHWEST OF
NORTHEASTERN SHORE
TEAM RECORDER: HILL

-- OILING EXTENT --

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

COMMENTS:

SITE 13-3. THE SAMPLE # RDR/DDH-9/3/89-1143 WAS TAKEN WITHIN ONE MILE OF THIS STREAM - THIS SAMPLE WAS TAKEN IN CONJUNCTION WITH STREAM #2322010425. HOWEVER, IT CAN ALSO BE RELATED TO STREAM #2323010420.

→ Stream 2322010420. However, the sample was taken nearest to Stream # 232-20-10425

DDH
8/29/91



1989-AFH

Site 13-3

Thunder Bay - SE of Ne-most ^{→ MFA} ^{OK}

ASC NUMBER: 232-30-10420	SEGMENT NUMBER: BM-4	YR CATALOGED:
LOCATION: Thunder Bay		
AM NAME:		LATITUDE: 59 34 48
AK K-UNIT:	LOCAL STREAM #:	LONGITUDE: 150 10 20
US QUADRANGLE: Seldovia C-1		LEGAL: S 7 S 5 W 8
SHORELINE TYPE: BEACH	ALL SEGMENTS:	
WAVE EXPOSURE: Moderate		

SC NUMBER:	TEAM RECORDER: Doug Hill
SURVEY TYPE: SS	OBSERVERS: Rick Randall
METHOD: Foot	AGENCY(IES): ADF&G
DATE: 9/3/89	PHOTOS TAKEN? <input checked="" type="checkbox"/>
START TIME: 1210	Roll #: 8900H035
STOP TIME: 1220	Frames: 13, 14
	VIDEO TAKEN? <input checked="" type="checkbox"/>
	Tape Number: 89RDR/004/1143
	Counter start: 2714 - 2819

AMPLES TAKEN? **N**
 SAMPLE I.D. NUMBERS: 1.
 4.
 2.
 5.
 3.
 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: **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	Pink				
COUNT	250				

COMMENTS: The sample # RDR/004-9/3/89-1143 was taken within one mile of this stream - this sample was taken in conjunction with stream # 232-20-10425. However it can also be related to stream # 232-20-10420 → reorganized these statements on 8/29/91 DDH
~~(See also 89RDR/004/1143 - counts = 250) Sample area~~

FISH HABITAT ASSESSMENT FORM

Thunder Bay - SE of NE most stream

1 REGION: 2 PWS KP, CI ~~XXXX~~ 3 OBSERVER(S) Doug Hill, Rick Randa

4 SITE NO. 13-3 5 AERIAL PHOTO NO. 11, 12 6 CAT NO. NC

7 STREAM NAME _____ 8 LAT 59° 34' 70" 9 LONG 150° 10' 30"

10 DATE 9/3/89 11 TIME 1210 12 TIDE: Low slack Flood High slack Ebb

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

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

17 OIL SAMPLES TAKEN? Y 18 ID NOS. RDR/DDH-9/3/89-1143
SEE SITE 13-2

19 35 mm PICTURES TAKEN? N 20 ROLL NO(S) 89-DDH-035

21 EXPOSURE NO.	22 DESCRIPTION
<u>13</u>	<u>view along length of lake to saltwater</u>
<u>14</u>	<u>Outlet stream and bay</u>

23 VIDEO FOOTAGE TAKEN? N 24 CASSETTE NO(S) 89-RDR-DDH-Videc

25 DESCRIPTION: Aerial, General overview of Area, salmon
(2710-2816)

ACE 7380406

ACE 10459127

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	250							
29 Ground	250							

30 COMMENTS: MATURITY of fish are in outlet stream -
Approx. 175 pinks in stream / Anadromous present

OIL OBSERVATIONS

EXTENT OF OIL:

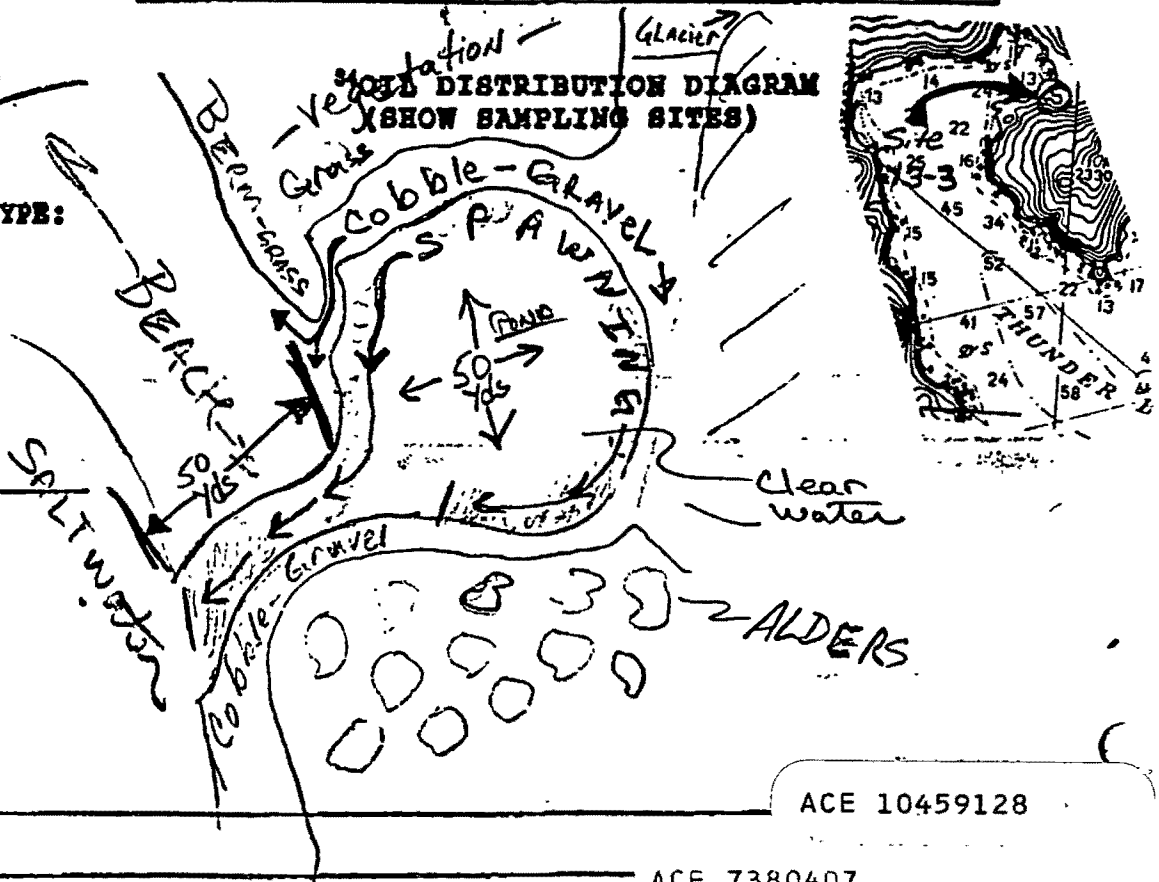
	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE		SEE SITE
32 SURFACE THICKNESS	None Observed 13-2	
33 PENETRATION		

Site 13-3

No oil

34 PREDOMINANT SUBSTRATE TYPE:

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



35 COMMENTS:

ACE 10459128

ACE 7380407

SITE
13-3

ACE 7380408

ACE 10459129 -5

Chart
1668

W
W

1989-AFH

Site 13-3

Thunder Bay - SE of Ne-most ^{→ NPA}

ASC NUMBER: 232-30-10420	SEGMENT NUMBER: BM-4	YR CATALOGED:
LOCATION: Thunder Bay		
AM NAME:		LATITUDE: 59 34 48
KODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE: 150 10 20
USGS QUADRANGLE: Seldovia C-1		LEGAL: S 7 S SW 8
SHORELINE TYPE: BEACH	ALL SEGMENTS:	
WAVE EXPOSURE: Moderate		

SC NUMBER:	TEAM RECORDER: Doug Hill
URVEY TYPE: SS	OBSERVERS: Rick Randall
ETHOD: Foot	
ATE: 9/3/89	AGENCY (IES): ADF&G
TART TIME: 1210	PHOTOS TAKEN? 4
TOP TIME: 1220	Roll #: 8900H035
	Frames: 13, 14
	VIDEO TAKEN? 4
	Tape Number: 89RDR 0001HV
	Counter Start: 2714 - 2819

10/7/91
NOVA

AMPLES TAKEN?

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: 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	Pink				
COUNT	250				

COMMENTS: The sample # RDR/004-9/3/89-1143 was taken within one mile of this stream - this sample was taken in conjunction with stream # 232-20-10425. However it can also be related to stream # 232-20-10420

~~See also 89RDR 0001HV - Counter = 2720 - 2819 Sample area~~

FISH HABITAT ASSESSMENT FORM

Thunder Bay - SE of NE most stream

1 REGION: 2 PWS KP, CI ~~XXXX~~ 5 OBSERVER(S) Doug Hill, Rick Randa

6 SITE NO. 13-3 7 AERIAL PHOTO NO. 11, 12 8 CAT NO. NC

9 STREAM NAME _____ 10 LAT 59° 34' 70" 11 LONG 150° 10' 30"

12 DATE 9/3/89 13 TIME 1210 14 TIDE: Low slack Flood High slack Ebb

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

19 OIL SAMPLES TAKEN? Y N 20 ID NOS. RDR/DDH-9/3/89-1143
SEE SITE 13-2

21 35 mm PICTURES TAKEN? N 22 ROLL NO(S) 89-DDH-035

23 EXPOSURE NO.	24 DESCRIPTION
<u>13</u>	<u>view along length of lake to saltwater</u>
<u>14</u>	<u>outlet stream and bay</u>

25 VIDEO FOOTAGE TAKEN? N 26 CASSETTE NO(S) 89-RDR-DDH-Videc

27 DESCRIPTION: Aerial, General overview of Area, salmon
(2710-2816)

ACE 10459131
ACE 7380406

~~CONFIDENTIAL~~

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	250							
29 Ground	250							

30 COMMENTS: MATURITY of fish are in outlet stream -
Approx. 175 pinks in stream / MAXIMUM percent

OIL OBSERVATIONS

EXTENT OF OIL:

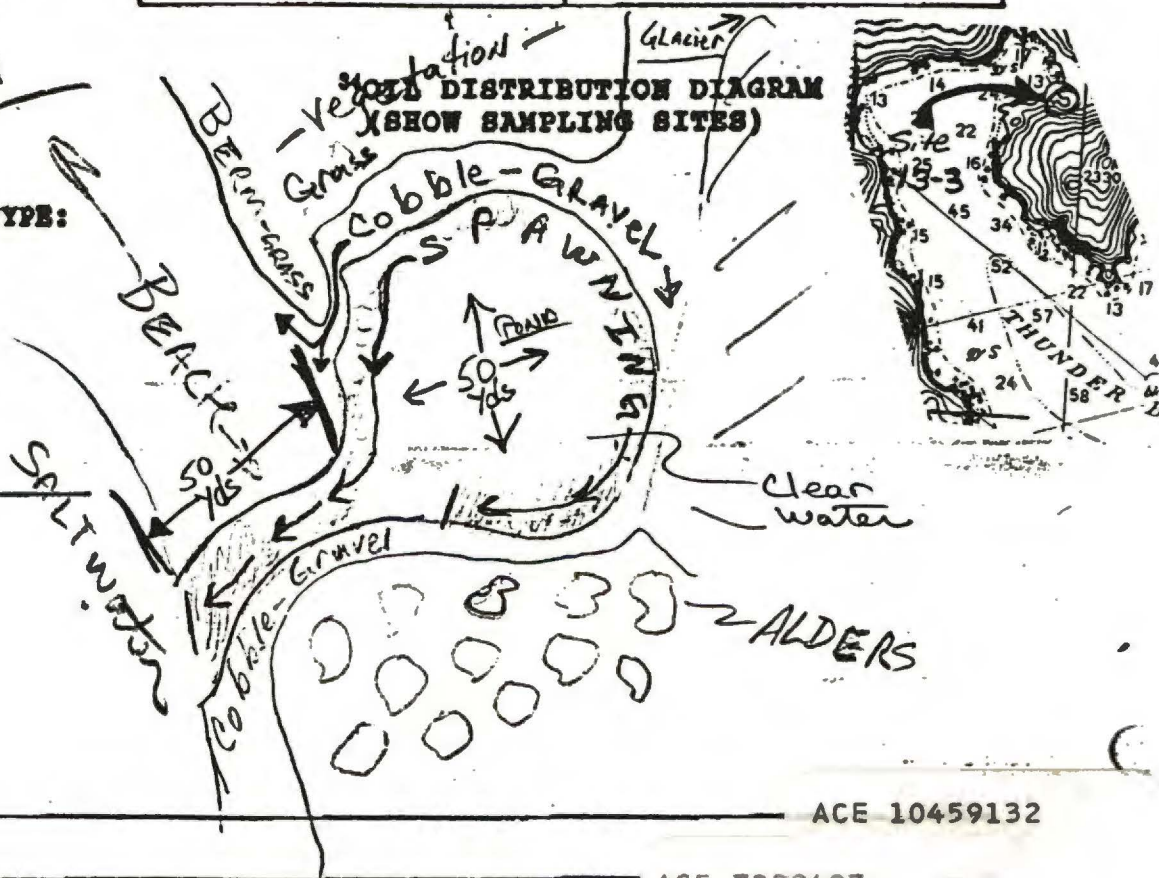
	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE		SEE SITE
32 SURFACE THICKNESS	None Observed 13-2	
33 PENETRATION		

34 **PREDOMINANT SUBSTRATE TYPE:**

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

site 13-3

No oil



35 COMMENTS:

ACE 10459132

ACE 7380407

SITE
13-3

4000

ACE 7380408

ACE 10459133-159W

59°
30'

10'

JOINS CHART 16681)

05'

150°

55'

SITE 1

SITE 2

BEAR P.
TAROKA

TWO ARM BAY

THUNDER BAY

BLACK BAY

Cloudy Mt.

Cloudy Cape

Black Mt.

Chart

16681

W
W
W

