

MN001-~~1~~ ASC: 227-20-17570-~~1~~
MONTEGUE ISLAND, GRAVEYARD PT.

ACE 1369653





Pre-ANADSCAT-90 ^{ASW}

ADF&G MULTI-ASSESSMENT DATA FORM

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

METHOD: Aerial Ground Boat

3 DATE: 4/11/90 15 HIGH TIDE TIMES: / 21 TEAM RECORDER: _____

4 START TIME: 0801 16 HIGH TIDE HTS: / 22 OBSERVERS: TOM CROWE

5 STOP TIME: 0808 17 LOW TIDE TIMES: / 23 AGENCY: ADF+G

6 SEGMENT #: MN 001 18 LOW TIDE HTS: / 24 PHOTOS TAKEN: Y N

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

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

9 STAT AREA: _____ 20 USCG QUAD: SEWARD A-1 Start: _____ End: _____

10 LAT: _____ 11 LONG: _____ 26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran

13 LOCATION: MONTGUE ISLAND

14 DESCRIPTION: GRAVEYARD POINT

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	L	W	M ²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								

30 OVERALL OIL IMPACT: N VI L M H

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

32 OILED DEBRIS? Y N

33 SHORELINE TYPE: Headland Low-lying Rocks Beach Cove
Lagoon Marsh

34 WAVE EXPOSURE: High Moderate Low

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble X
Gravel X Sand _____ Mud/silt _____

36 CATALOGED ANAD. FISH STREAM? Y ^{227-20-45W} N

37 CATALOG #: 17570

38 STREAM NAME: _____

39 OIL IN STREAM BED? Y N

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: NEXT TO STREAM (SEE MAP)

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

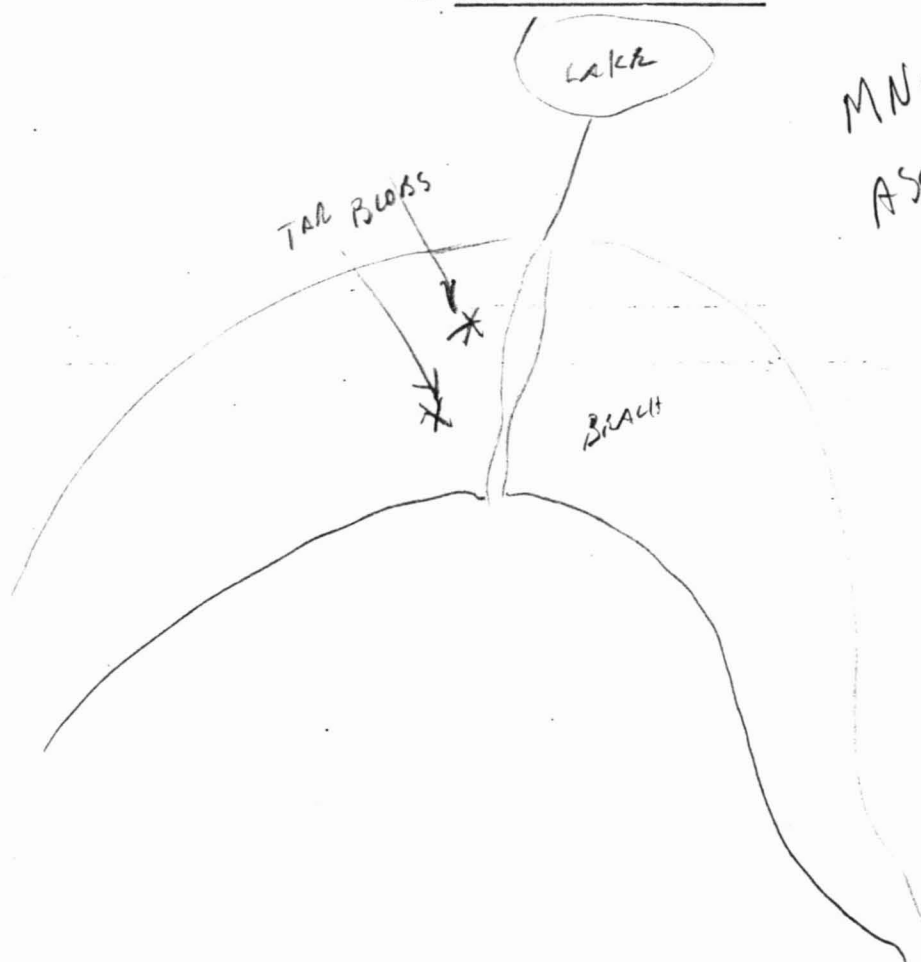
Species	Aerial	Ground

COMMENTS: SMALL AMOUNTS OF OIL FOUND ADJACENT TO
STREAM. VERY LIGHT

ACE 6331761 + 1/5

FRAME(S)

DESCRIPTION

48 OIL DISTRIBUTION DIAGRAM

Sample taken
Photo frame # and
shot direction.

4/11/90

ACE 6331762
-72/57110/FF

ASC NUMBER:	SEGMENT NUMBER:	YR CATALOGED:
LOCATION:		
STREAM NAME:		LATITUDE:
ODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE:
USGS QUADRANGLE:		LEGAL: S
SHORELINE TYPE:	ALL SEGMENTS:	

ASC NUMBER:
SURVEY TYPE:
METHOD:

DATE: / /
START TIME:
STOP TIME:

WAVE EXPOS:

SAMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1.
4.

TEAM RECORDER:
OBSERVERS:

AGENCY(IES):

PHOTOS TAKEN?

Roll #:

Frames:

VIDEO TAKEN? Tape Number:

Counter Start:

	LENGTH	WIDTH	M2	%	THICK	PEN	OIL TYPE
SITE 1	20	1		41%			AP
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT:

OIL IN STREAM CHANNEL?

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH?

SPECIES					
COUNT					

COMMENTS:

CATALOG NUMBER: 2272017570

SEGMENT NUMBER: MN001

STREAM NAME:

SHORELINE TYPE:

LOCATION: MONTAGUE ISLAND, GRAVEYARD POINT

DATE: 04/11/90

TIME: BEACH-0808

SITE	WIDTH (m)	LENGTH (m)	AREA (sqm)	PERCENT OIL	THICKNESS (cm)	PENETRATION (cm)	SURFACE SUBSURF	OIL TYPES	COMMENTS
1							SURFACE	AP TB	Sketch shows 3 Tarblobs near stream. no further available.

COMMENTS:

SMALL AMOUNTS OF OIL FOUND ADJACENT TO STREAM. VERY LIGHT.

STREAM BANKS: YES

MILE OF STREAM: YES, NEXT TO STREAM (SEE MAP)

OIL ON
OIL WITHIN 1

CATALOG NUMBER: 2272017570							
SEGMENT#: MN001							
LOCATION: MONTAGUE ISLAND, GRAVEYARD POINT							
DATE	SURVEY	SITE	W x L (m) SITE TYPE	PERCENT OIL	THICKNESS & PENETR. (cm)	OIL TYPES, DEPTH INTERVAL(cm)	SITE SPECIFIC COMMENTS
04/11/90	PRE-ANADS CAT	1	SURFACE			TB	SKETCH SHOWS 3 'TAR BLOBS' NEAR STREAM.
MAD vs. OG: COMMENTS: SMALL AMOUNTS OF OIL FOUND ADJACENT TO STREAM. VERY LIGHT. OIL ON STREAM BANKS. 90 VL							

CATALOG NUMBER: 2272017570							
SEGMENT#: MN001							
LOCATION: MONTAGUE ISLAND, GRAVEYARD POINT							
DATE	SURVEY	SITE	W x L (m) SITE TYPE	PERCENT OIL	THICKNESS & PENETR. (cm)	OIL TYPES, DEPTH INTERVAL(cm)	SITE SPECIFIC COMMENTS
	OG'S ANADSCAT	1					NO ANADSCAT, BUT RECOMMENDED NTR BASED ON PRE ANAD.
MAD vs. OG: PRE ANAD - VL COMMENTS:							

CATALOG NUMBER: 2272017570		SEGMENT#: MN001		LOCATION: MONTAGUE ISLAND, GRAVEYARD POINT				SEQ:
DATE	SURVEY	SITE	W x L (m) SITE TYPE	PERCENT OIL	THICKNESS & PENETR. (cm)	OIL TYPES, DEPTH INTERVAL(cm)	SITE SPECIFIC COMMENTS	
04/11/90	PRE-ANADS CAT	1	SURFACE			TB	SKETCH SHOWS 3 'TAR BLOBS' NEAR STREAM.	
MAD vs. OG: COMMENTS: SMALL AMOUNTS OF OIL FOUND ADJACENT TO STREAM. VERY LIGHT. OIL ON STREAM BANKS.								

CATALOG NUMBER: 2272017570		SEGMENT#: MN001		LOCATION: MONTAGUE ISLAND, GRAVEYARD POINT				SEQ:
DATE	SURVEY	SITE	W x L (m) SITE TYPE	PERCENT OIL	THICKNESS & PENETR. (cm)	OIL TYPES, DEPTH INTERVAL(cm)	SITE SPECIFIC COMMENTS	
	OG'S ANADSCAT	1					NO ANADSCAT, BUT RECOMMENDED NTR BASED ON PRE ANAD.	
MAD vs. OG: PRE ANAD - VL COMMENTS: <i>delete</i>								

Final Anadromous Stream Treatment Information

Segment ID - Stream ID	NTR	Bio	Bio Start	Bio End	Man	Man Start	Man End
K0911-CD020 262-10-10080					X	6/28/90	6/28/90
K0911-CD020 262-10-10092					X	6/28/90	6/28/90
K0917-CC100 262-15-10040	X						
K0919-HB001 262-20-10040					X	6/12/90	6/14/90
K0919-HB004 262-20-10030	X						
K1002-AB002 262-65-655					X	7/7/90	7/8/90
K1007-PB001 262-70-10025					X	6/23/90	6/24/90
K1007-PB016 262-70-10010					X	7/10/90	7/10/90
K1009-DB008 262-75-10020	X						
KN0103 226-10-16922		X	7/7/90	9/1/90	X	7/7/90	7/7/90
KN0106 226-10-16890					X	6/30/90	6/30/90
KN0110 226-10-16928	X						
KN0120 226-10-16940	X						
KN0129 226-10-16975					X	5/30/90	5/30/90
KN0129 KN0129-UNCAT		X	6/19/90	6/19/90	X	5/30/90	5/30/90
KN0132 226-10-16982		X	6/19/90	9/11/90	X	5/26/90	5/29/90
KN0134 226-30-16865		X	6/23/90	6/23/90	X	6/23/90	6/23/90
KN0201 226-30-16872					X	6/1/90	6/1/90
KN0205 226-30-16860					X	6/1/90	6/3/90
KN0211 226-10-16875		X	7/1/90	7/9/90	X	7/1/90	7/9/90
KN0211 226-10-16880					X	7/1/90	7/1/90
KN0213 226-30-16853		X	7/1/90	7/6/90	X	7/1/90	7/6/90
KN0401 226-30-16820					X	6/30/90	6/30/90
KN0500 226-10-16992		X	7/5/90	9/11/90	X	7/5/90	7/7/90
KN0500 226-10-16996		X	7/7/90	9/11/90	X	7/5/90	7/7/90
KN0601 226-40-16855	X						
KN0602 226-40-16851	X						
KN0602 226-40-16853	X						
KN0701 226-30-16840		X	6/30/90	9/13/90	X	6/30/90	7/27/90
KN0704 226-30-16844	X						
LA015 226-40-16782		X	7/3/90	7/8/90	X	7/3/90	7/8/90
LA018 226-40-16780		X	7/3/90	8/26/90	X	6/15/90	7/4/90
LA021 226-40-16774		X	6/17/90	6/17/90	X	6/13/90	6/14/90
LA021 226-40-16776	X						
LA023 226-40-16772	X						
LA029 226-40-16788	X						
LA031 226-40-16785	X						
MA009 226-20-15044	X						
MN001 227-20-17570	X						
NA026 226-40-12950	X						
NK001 232-21-10230		X	7/3/90	7/4/90	X	7/3/90	7/4/90
PD002 242-42-10450					X	6/21/90	6/23/90
PD003 242-42-10460					X	6/21/90	6/23/90
TB002 232-10-10340					X	7/1/90	7/1/90
TB003 232-10-10342					X	6/20/90	7/1/90
WB001 242-32-10155					X	6/19/90	6/19/90
WB003 242-32-10160					X	6/19/90	6/19/90
WH003 226-40-16322		X	7/8/90	7/8/90	X	7/8/90	7/8/90

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: MN001
LOCATION: NW MONTAGUE ISLAND

DATE: 10/03/89
TIME: 11:30

Survey Type: Boat, Ground Reconnaissance
Team: G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: W
Sea State: Moderate Knots: 0-15

Low Tide: 9:35 Feet: 3.1 High Tide: 3:55 Feet: 11.2
Low Tide: 22:12 Feet: 0.4 High Tide: 15:32 Feet: 13.

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C,G
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL (some areas not surveyed)
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

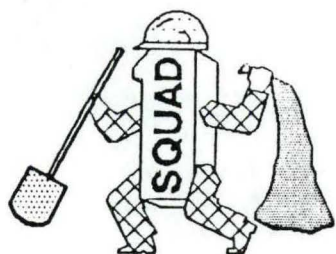
Bags Collected: 0

Draft

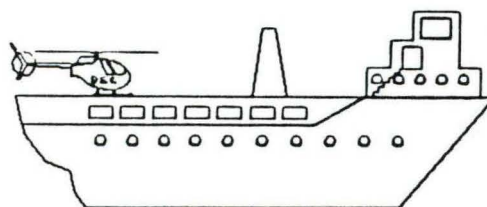
Printed: 12/12/89 11:49

ACE 5331745

Walk-a-thon



FAX From
The
Corinthian



Date: 8-15-90

Receivers Name: FRANK BOX FAX to #: DON BOLLINGER

Senders Name: TOM CROWE Senders Dept: ADF & G

Confirmation #: 011 872 150 0656 FAXed From: 011 872 150 1526

Message: THE WORK SCHEDULE SHOWS THAT
THE DON BOLLINGER WILL BE WORKING AT MN2,
MN7 & MN500. AFTER LOOKING AT THESE SEGMENTS
TODAY WE SAW SPAWNING SALMON IN ALL THE
STREAMS WITHIN. PLEASE MAKE NOTE TO MAINTAIN
THE 100 METER BUFFER ON EITHER SIDE OF THESE
STREAMS FOR BIO APPLICATION.

THANKS

TOM CROWE

8-15-90

STREAM SURVEY

MN 1, MN 2, MN 07, MN 500



ACE 6331747



***** UF-250 ***** -JOURNAL- ***** DATE AUG-15-1990 ***** TIME 21:00 *****

NO.	COM	DOC	DURATION	X/R	IDENTIFICATION	DATE	TIME	DIAGNOSTIC
06	407	00	00:01'02	XMT	T35701#008721502152#	AUG-15	20:59	842490A47820

-1501526 CORINTHIAN -

***** -PANASONIC- ***** 1501526- *****

***** UF-250 ***** -JOURNAL- ***** DATE AUG-15-1990 ***** TIME 21:39 *****

NO.	COM	DOC	DURATION	X/R	IDENTIFICATION	DATE	TIME	DIAGNOSTIC
09	OK	02	00:01'18	XMT	T35701#008721502152#	AUG-15	21:37	842490A47820

-1501526 CORINTHIAN -

***** -PANASONIC- ***** 1501526- *****

ACE 6331748-15

SEGMENT NUMBER: MN-001

STREAM NUMBER: 227-20-17570

This stream was surveyed during the Pre-ANAD survey by a cooperative effort of ADF&G and Exxon on April 11, 1990. As a result of this pre-survey, the ANAD Fish Stream Team decided NOT to survey the stream, but simply to review the results of the pre-survey. The FIELD SHORELINE COMMENT SHEET was prepared from the review of the pre-survey. Also attached is a copy of the pre-survey for your consideration.

The ANAD Fish Stream Team recommends: NO TREATMENT

TAG Concurrence Date:

ADEC	ART WEINER	<i>Art Weiner</i>
EXXON	AMY KAR	<i>Amy Kar</i>
NOAA	Buck Westcott	<i>Buck Westcott</i>
USCG	AM. J. HALL	<i>AM. J. HALL</i>

FOSC: *[Signature]*

Date: 5-24-90

ACE 6331749

OPERATIONS FIELD NOTES

See Back for Instructions

SEGMENT ID MN-001
 STREAM ID # 227-20-17570
 ANNOTATED MAP INCLUDED Y(N)

DATE 4/27/90
 NAME Snook
 TEAM # 14/15

SURFACE OIL	Quantities in Meters			Treatment Recommendation						
				None	Bioremediation		Tilling		Spot Hot Water	
	Length	Width	Area		Y/N	% Treat	Y/N	% Treat	Y/N	% Tre
Wide Band										
Medium Band										
Narrow Band										
Very Light										
TOTAL MANDAYS										

SUBSURFACE OIL

Other (Describe)?	

TARMATS	Quantities in Meters			Treatment Rec			# of Bags	Mandays Required	
	Length	Width	Thick(cm)	None	Breakup	Remove		Breakup	Remove
Area #1									
Area #2									
Area #3									
Area #4									
Sporadic Mats									

MANUAL PICKUP	Type of Debris			In Meters		# of Bags	Pickup Y/N	Manday Estimate
	Mousse Tarballs	Oiled Veget	Cleanup Debris	Length	Width			
"Pocket" #1								
"Pocket" #2								
"Pocket" #3								
Random/Continuous								

OILED LOGS Y/N	OILING H/M/L	QUANTITY L/M/S	BURN Y/N
----------------	--------------	----------------	----------

Is there Other Debris on the Beach? Y/N How Many Bags? _____ Is it mingled with the Oiled Debris Y/N

GENERAL

Snow covering ____ % of the Supratidal Zone?

Wave Exposure H/M/L

Access Limitations: _____

Snare Boom/Pom Poms Recommended? _____

Would the production Craft have to be relocated to complete work on this subdivision? Y/N, # of Times _____

COMMENTS:

NO TREATMENT RECOMMENDED - BASED ON ADF&G
PRESURVEY DOCUMENTATION OF THIS STREAM.
- Two F&L PARTIES -

NOTE: THE FOLLOWING COMMENTS & RECOMMENDATIONS ARE LISTED ON
PRESURVEY ~~ADFG~~ IDENTIFICATION OF THIS STRA 1 BY TOM CROWE ON 4/11/90
REVIEWED BY USCG & ADF&G. PRESURVEY DOCUMENTATION IS
FIELD SHORELINE COMMENT SHEET

ATTACHED.
AL SNOOK
EXXON REP.

ASC#:

SEGMENT ST 1 MN-001 SUBDIVISION: 227-20-17570 DATE 4/27/90

USCG

NAME KERWIN L. DREHER SIGNATURE CWO K. L. Dreher

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~ADEC~~ ADFG

NAME TOM CROWE SIGNATURE [Signature]

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~LAND MANAGER~~

NAME _____ SIGNATURE _____

☐ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

ACE 6331756

Anad Pre-survey / Used for ANNUAL CAT NTR
MN-001 17570
4/30

ADFLG MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AYS SCMA MMS PTA

2 REGION: PWS KP, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4/11/90

15 HIGH TIDE TIMES: 1

21 TEAM RECORDER: _____

4 START TIME: 0801

16 HIGH TIDE HTS: 1

22 OBSERVERS: TOM CROWE

5 STOP TIME: 0808

17 LOW TIDE TIMES: 1

23 AGENCY: ADF+G

6 SEGMENT #: MN 001

18 LOW TIDE HTS: 1

24 PHOTOS TAKEN: Y N

7 STATION #: _____

19 TIDE HT AT SURVEY: _____

Roll #: _____ Frame: _____

8 K-UNIT: _____

Ebb Slack Flood Slack

25 VIDEO TAKEN: Y N TAPE#: _____

9 STAT AREA: _____

20 USCG QUAD: SEWARD A-1

Start: _____ End: _____

10 LAT: _____

11 LONG: _____

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loren

Oil _____

13 LOCATION: MONTGUE ISLAND

Sediment _____

14 DESCRIPTION: GRAVEYARD POINT

Biological _____

Water _____

EXTENT OF OIL

	SHORELINE				STREAM			
	L	Y	H ²	N	L	Y	H ²	N
27 SURFACE COVERAGE								

28 CATALOGED ANAD. FISH BREAST Y N

28 SURFACE THICKNESS								
29 PENETRATION								

37 CATALOG #: 17570

38 STREAM NAME: _____

30 OVERALL OIL IMPACT: N VI L M H

39 OIL IN STREAM BED? Y N

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

40 OIL ON STREAM BANKS? N

32 OILED DEBRIS? Y N

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

33 SHORELINE TYPE: Headland Low-lying Rocks Beach Cliff

42 OIL WITHIN 1 MILE OF STREAM? Y N

34 WAVE EXPOSURE: High Moderate Low

Where: NEAR TO STREAM (SEE MAP)

35 SUBSTRATE TYPE: Bedrock Boulder Cobble X

43 ANADROMOUS FISH PRESENT? Y N

Gravel X Sand Mud/silt

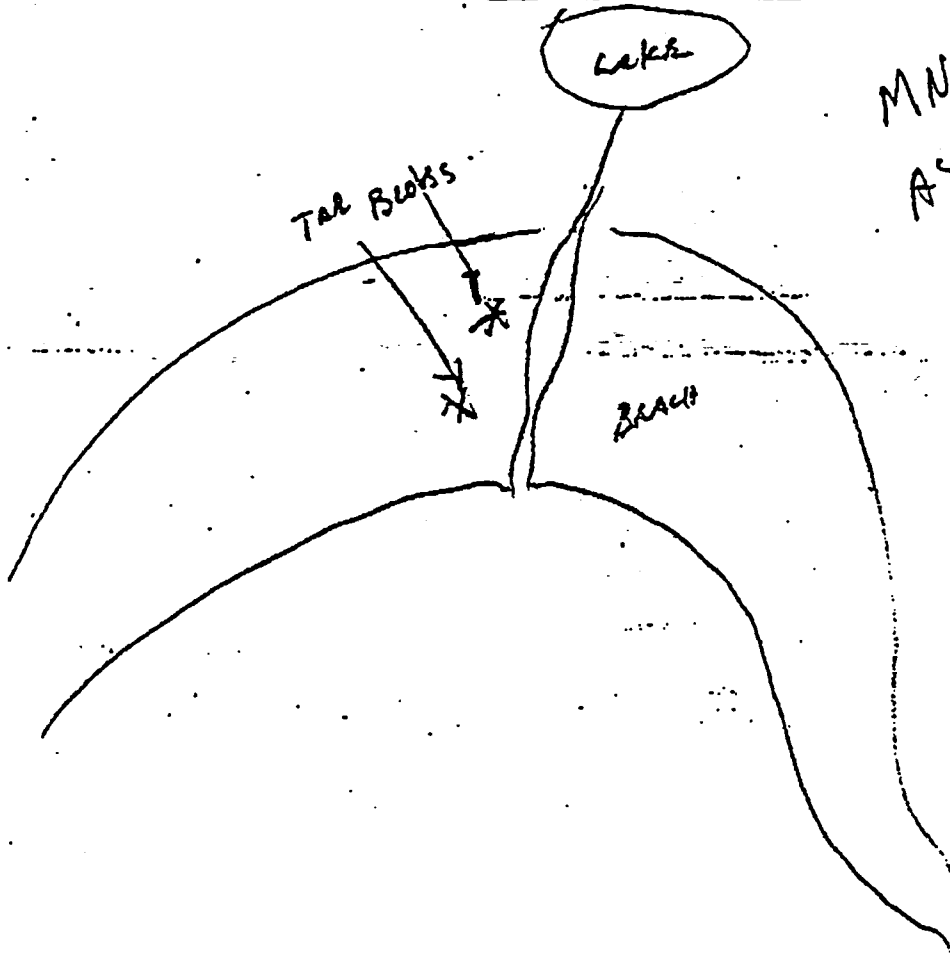
44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

COMMENTS: SMALL AMOUNTS OF OIL FOUND ADJACENT TO
STREAM. VERY LIGHT

ME(S) DESCRIPTION

48 OIL DISTRIBUTION DIAGRAM



MN001
ASC 17570

4/11/90

ole taken
to frame # and
direction.

62/65

PAGE 2 OF 2

PIT # 1 PIT DEPTH 30 OIL CHARACTER - OIL INTVAL: FROM 0 TO 0
QUANT: - OIL CLR: - FLM CLR: - ZONE: SU - UI X MI - LI -
SUBSURF SEDIMENT: BRK - BLD - COB - PEB X GRN X SAN X MUD - VEG -

PIT # 2 PIT DEPTH 35 OIL CHARACTER — OIL INTVAL: FROM 0 TO 0
QUANT: — OIL CLR: — FLM CLR: — ZONE: SU — UI — MI X LI —
SUBSURF SEDIMENT: BRK — BLD — COB — PEB X GRN X SAN X MUD — VEG —

PIT # PIT DEPTH OIL CHARACTER OIL INTVAL: FROM TO
 QUANT: OIL CLR: FLM CLR: ZONE: SU UI MI LI
 SUBSURF SEDIMENT: BRK BLD COB PEB GRN SAN MUD VEG

PIT # _____ PIT DEPTH _____ OIL CHARACTER _____ OIL INTVAL: FROM _____ TO _____
 QUANT: _____ OIL CLR: _____ FLM CLR: _____ ZONE: SU _____ UI _____ MI _____ LI _____
 SUBSURF SEDIMENT: BRK _____ BLD _____ COB _____ PEB _____ GRN _____ SAN _____ MUD _____ VEG _____

PIT # _____ PIT DEPTH _____ OIL CHARACTER _____ OIL INTVAL: FROM _____ TO _____
QUANT: _____ OIL CLR: _____ FLM CLR: _____ ZONE: SU _____ UI _____ MI _____ LI _____
SUBSURF SEDIMENT: BRK _____ BLD _____ COB _____ PEB _____ GRN _____ SAN _____ MUD _____ VEG _____

PIT # _____ PIT DEPTH _____ OIL CHARACTER _____ OIL INTVAL: FROM _____ TO _____
 QUANT: _____ OIL CLR: _____ FLM CLR: _____ ZONE: SU _____ UI _____ MI _____ LI _____
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 QUANT: _____ OIL CLR: _____ FLM CLR: _____ ZONE: SU _____ UI _____ MI _____ LI _____
 SUBSURF SEDIMENT: BRK BLD COB PEB GRN SAN MUD VEG

PIT # _____ PIT DEPTH _____ OIL CHARACTER _____ OIL INTVAL: FROM _____ TO _____
 QUANT: _____ OIL CLR: _____ FLM CLR: _____ ZONE: SU _____ UI _____ MI _____ LI _____
 SUBSURF SEDIMENT: BRK _____ BLD _____ COB _____ PEB _____ GRN _____ SAN _____ MUD _____ VEG _____

PROBLEMS:

Segment MN001

4/27/90

Stream: 27-10-17150

Michael Fawcett

Ecological Summary

This is one of the larger streams in the area, with a long, meandering intertidal flood plain of mostly biologically barren boulders, cobbles, and pebbles. A MTZ boulderfield right at the stream mouth has a dense population of *Fucus* and associated barnacles, snails, etc. Only very light sporadic oil stains were found. No cleanup needed.

M Fawcett

Pre-AI 22CAT-90

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

3 DATE: 4/11/90

15 HIGH TIDE TIMES: 1

21 TEAM RECORDER: _____

4 START TIME: 0801

16 HIGH TIDE HTS: 1

22 OBSERVERS: TOM CROWE

5 STOP TIME: 0808

17 LOW TIDE TIMES: 1

23 AGENCY: ADF+G

6 SEGMENT #: MN001

18 LOW TIDE HTS: 1

24 PHOTOS TAKEN: Y N

7 STATION #: _____

19 TIDE HT AT SURVEY: _____

Roll #: _____ Frame: _____

8 K-UNIT: _____

Ebb Slack Flood Slack

25 VIDEO TAKEN: Y N TAPE#: _____

9 STAT AREA: _____

20 USCG QUAD: SEWARD A-1

Start: _____ End: _____

10 LAT: _____

11 LONG: _____

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran

Oil _____

13 LOCATION: Montezuma Island

Sediment _____

14 DESCRIPTION: GRAVEYARD POINT

Biological _____

Water _____

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	L	W	M ²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								

36 CATALOGED ANAD. FISH STREAM? Y N

37 CATALOG #: 17570

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39 OIL IN STREAM BED? Y N

40 OIL ON STREAM BANKS? Y N

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(within 50 meters)

42 OIL WITHIN 1 MILE OF STREAM? Y N

30 OVERALL OIL IMPACT: N VI L M H

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

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33 SHORELINE TYPE: Headland Low-lying Rocks Beach Cove
Lagoon Marsh

34 WAVE EXPOSURE: High Moderate Low

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble X
Gravel X Sand _____ Mud/silt _____

Where: NEXT TO STREAM (SEE MAP)

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION
Species Aerial Ground

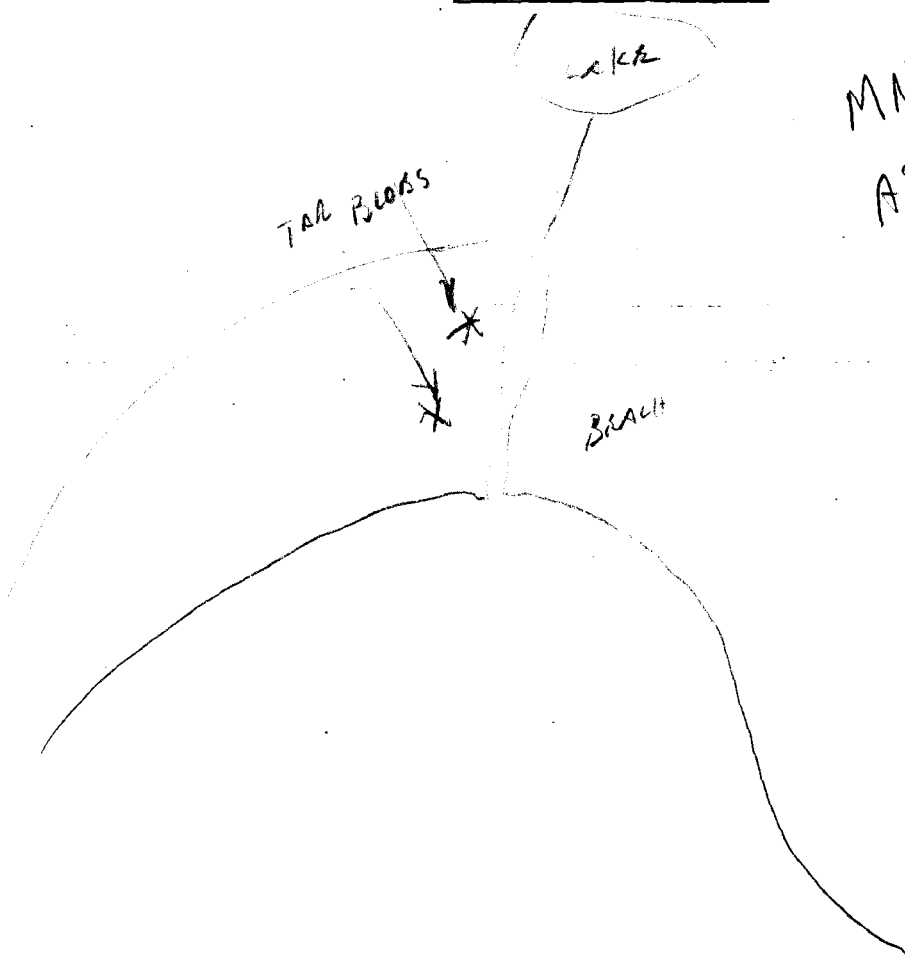
COMMENTS: SMALL AMOUNTS OF OIL FOUND ADJACENT TO

STREAM. VERY LIGHT

FRAME(S)

DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM



MN001
ASC 17570

Sample taken
Photo frame # and
shot direction.

4/11/90

ACE 6331762
-72/5/110/FF

ANAI MOUS FISH STREAM EVALUATI

This forms contains information from 2 streams

SEGMENT ST/ MN-01 STREAM NO: 227-20-17570 DATE 4/27/90

SEGMENT ENVIRONMENTAL SENSITIVITIES AND TIME CONSTRAINTS:

- 1A Salmon stream mouth - fry outmigration (3/1 to 5/15)
 - 1B Salmon stream mouth - spawning (7/10 to 8/31)
 - 1E Main Bay Hatchery release (4/20 to 6/15)
 - 2M Herring spawning (4/1 to 6/15)
 - 5T-3 All bald eagle nests (3/1 to 6/1) - Active eagle nests (3/1 to 9/1)
 - 7II Subsistence area: Deer harvesting (8/15 to 2/28)
- See attached Ecological Constraint sheet for specific constraints and contacts.

227-20-17570 and 227-20-17150.

mf 10/3/91

SUBDIVISION ECOLOGICAL CONSTRAINTS:

Avoid any unnecessary disturbance or damage to unoiled biota and substrate. Subject stream is located within Subdivision A (1 of 1).

Erroneous pocket!

ARCHAEOLOGICAL CONSTRAINTS:

If treatment is planned, a cultural resource evaluation is required prior to shoreline treatment.

SHPO SIGNATURE: *J. David McManis* DATE: 5/9/90

Subsurface Oil Observed: Yes No X Maximum Depth

RECOMMENDATIONS:

- | | |
|-------------------------------------|---|
| <u>X</u> No Treatment Recommended | <u> </u> Snare/Absorbent Booms |
| <u> </u> Treatment Recommended | <u> </u> Oil Snares (pom poms) |
| <u> </u> Manual Pickup | <u> </u> Absorbents (pads, rolls, etc) |
| <u> </u> Bioremediation | <u> </u> Spot Washing: <u> </u> Wands |
| <u> </u> Tarmat Removal | <u> </u> Beach Cleaner |
| | <u> </u> Other (see comments) |

COMMENTS:

TAG COMMENTS:

TAG APPROVAL DATE: 5/9/90
 ADEC *Art Wagner*
 EXXON *Art Wagner*
 NOAA *Burt Wesscott*
 USCG *D.D. Rome*

FOSC: *W/L* DATE: 5-15-90

ACE 6331750 +15

5/16/5
 DG WILLIAM KEID
 SEGMENT ST/ MNDQ1

SKETCH MAP

STREAM 227-10-17150

DATE 27, NOV 00

CHECKLIST

- ☐ N Arrow
- ☐ Approx. Scale
- ☐ Seg/Tab Entry
- ☐ Ch Dist.
- ☐ Width
- ☐ Length
- ☐ % Cover
- ☐ Substrate Character
- ☐ Est. INFLUENCE
- ☐ SCL
- ☐ Profile Location(s)
- ☐ Profile(s)
- ☐ PT Location(s)
- ☐ Photo Location(s)

LEGEND

1 Δ

PT - No Substrate Ch

2 Δ

PT - Substrate Ch

CT/C

Continuous Distribution

CT/D

Broken Distribution

CT/P

Patchy Distribution

CT/S

Splashed Distribution

eee

Clad Vegetation

1 <-

Photo location, direction, and number

Character Length (m): AP PO CV CT ST MS PT TB FL NO



C/P BERMS ST/S

150m

Δ1

ACE 6331751

MN - 01

1A 1B
~~57(2)~~
1C 2M 7II

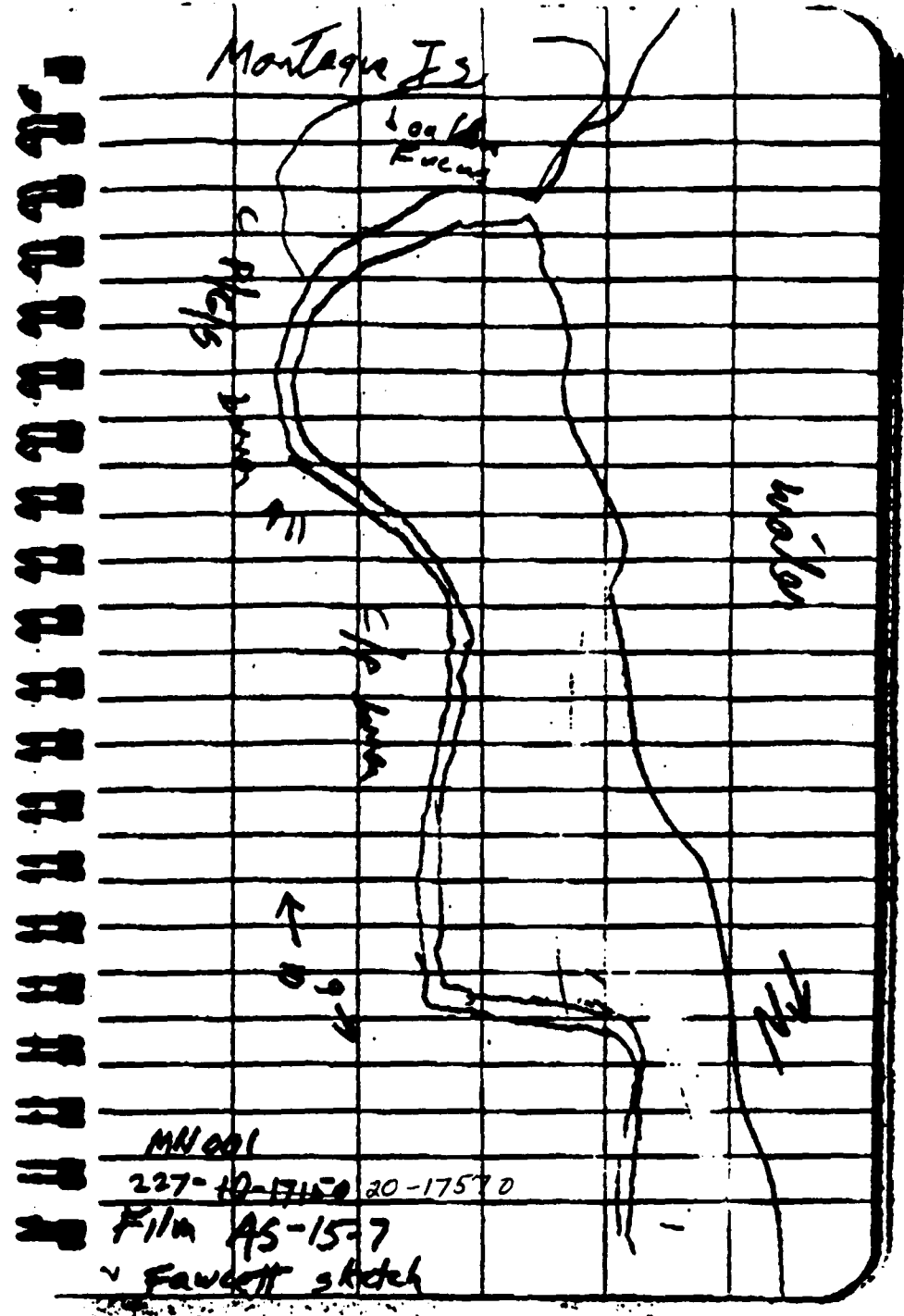
▲ = BALID (NGLE NESIS)

227-20

SUBJECT STREAM
227-20-17570
(P3, 11/85)

ACE 6331752





MN 001

227-10-17150 20-17570

Film AS-15-7

✓ Fawcett sketch

57/6

48 PHOTOLOG

FRAME(S)	DESCRIPTION
	RECOMMEND: NO TREATMENT

48 OIL DISTRIBUTION DIAGRAM

P.W.S.

MN001
227-10-17150

17570

4/27/90

TWL

MONTAGUE
ANADSCAT

STORM BURN

LEAK-SPRINK STAIN

STORM BURN

Sample taken
Photo frame 6 and
shot discussed

ACE 6331754 -15