PORT DICK CRK

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: PD-03 YR CATALOGED:
LOCATION: PORT DICK CRK
STREAM NAME:
KODIAK K-UNIT: , LOCAL STREAM #:
USGS QUADRANGLE: Seldovia B-4
SHORELINE TYPE: BEACH ALL SEGMENTS:
WAVE EXPOSURE: Moderate

LATITUDE: 59 18 36
LONGITUDE: 151 18 52
LEGAL: S 10 S 12W 16

ASC NUMBER:
SURVEY TYPE: SS
METHOD: foot
DATE: 6/ / 89
START TIME: —
STOP TIME: —

TEAM RECORDER: GREG
OBSERVERS: Demers

AGENCY(IES): ADF&G

PHOTOS TAKEN? N
Roll #: Frames:
VIDEO TAKEN? N Tape Number:
Counter Start:

SAMPLES TAKEN? Y
SAMPLE I.D. NUMBERS: 1. PDC-1-GD 2. 3.
4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	50	7		80	< 2	—	TB, LG
SITE 2	100	5		50	< 2	—	TB, LG, VG
SITE 3	40	5		50	< 2	—	TB
SITE 4	120	15		35	< 2	—	TB, VG
SITE 5	100	10		30	< 2	—	TB, VG

OVERALL OIL IMPACT: L/M

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE ~~GRAVEL~~

Bedrock		~~Granule~~	70
Boulder		Sand	10
Cobble		Silt	
Pebble	20	Veget.	

SPECIES	Ø				
COUNT	0				

COMMENTS:

FROM PT. DICK CREEK MAP # 11-A
Oil sample taken on 6/22/89

Photos = Taken By Greg Demers

Roll #	FRAME #
1	3→8
2	9→17, 24, 25
3	1→5, 11→18
4	16→24

ACE 10493772 F S SH

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

ASC NUMBER:
SURVEY TYPE:
METHOD: foot
DATE: 6 / 1 / 89
START TIME:
STOP TIME:

TEAM RECORDER: GREG DEMARS
OBSERVERS:

AGENCY(IES): ADF&G

PHOTOS TAKEN?
Roll #: Frames:
VIDEO TAKEN? Tape Number:
Counter Start:

SAMPLES TAKEN?
SAMPLE I.D. NUMBERS: 1. 2. 3.
4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE #6	30.	5		40.	<2.	—	TB
SITE #7	70	15		15	<2.	—	TB, VG
SITE #8	50	5		15	<2	—	TB, VG
SITE #9	80	4		5	<2	—	TB, VG
SITE #10	100	5		2	<2	—	TB

OVERALL OIL IMPACT: L/M

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

SPECIES					
COUNT					

COMMENTS:

FROM PT. DICK CREEK MAP, # 11-A

Port Dick Creek

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: YR CATALOGED:
LOCATION: Port Dick
STREAM NAME:
KODIAK K-UNIT: LOCAL STREAM #: LATITUDE: 59 18 36
USGS QUADRANGLE: Seldovia B-4 LONGITUDE: 151 18 52
SHORELINE TYPE: LEGAL: S 10 S 12W 16
WAVE EXPOSURE: ALL SEGMENTS:

ASC NUMBER:
SURVEY TYPE: SS
METHOD: Foot
DATE: 6 / / 89
START TIME: —
STOP TIME: —

TEAM RECORDER: Greg Demers
OBSERVERS:
AGENCY(IES): ADF&G
PHOTOS TAKEN? N
Roll #: Frames:
VIDEO TAKEN? N 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 11	40	15		20	<2	10	TB, SOR, VG, ST, LG
SITE 12	400	10		5	<2	—	TB, LG, VG,
SITE 13	60	½ 15		2	<2		TB
SITE 4							
SITE 5							

OVERALL OIL IMPACT: M

OIL IN STREAM CHANNEL? N

SUBSTRATE ~~GRAVEL~~

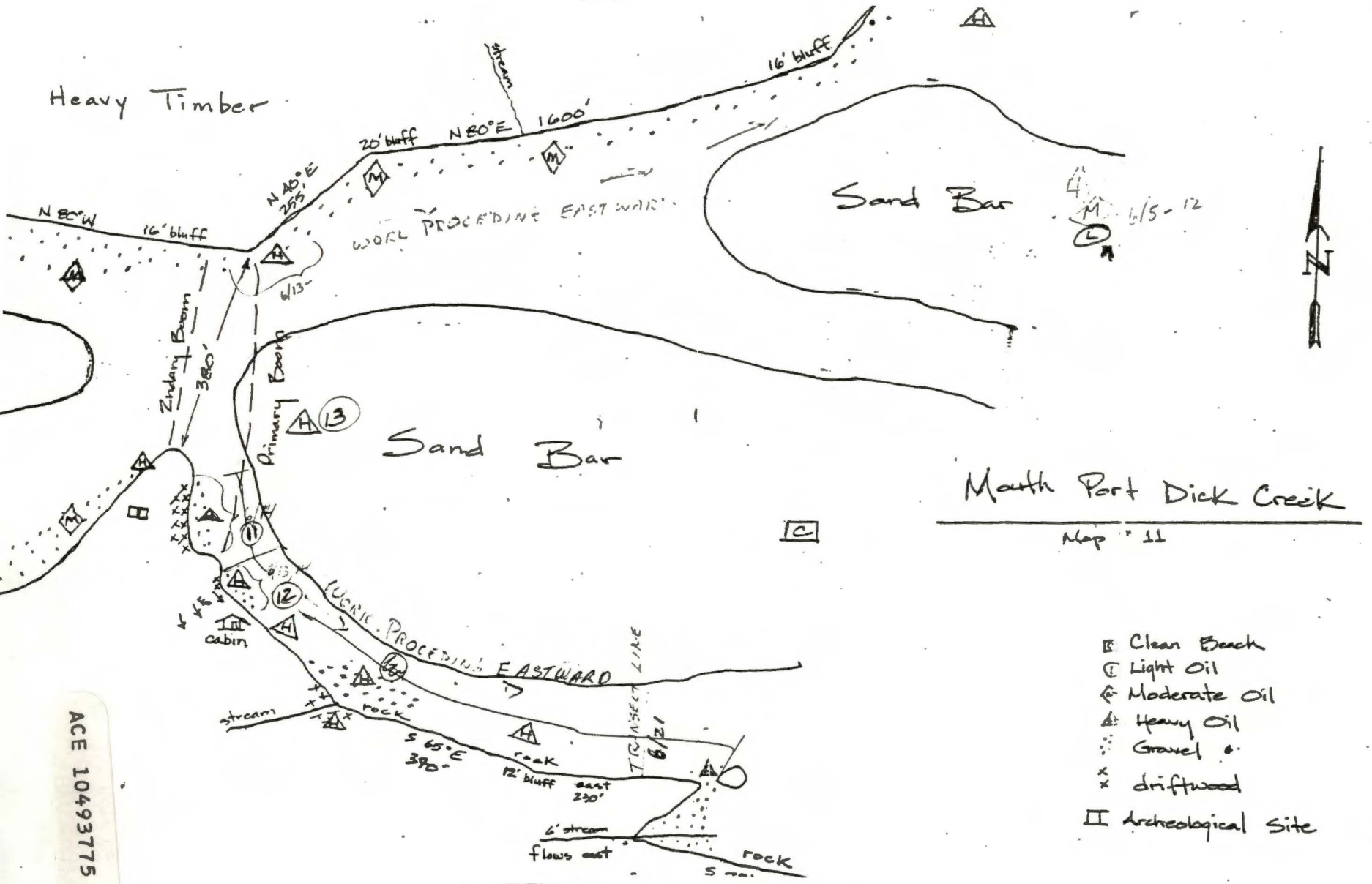
Bedrock		~~Granule~~	70
Boulder		Sand	10
Cobble	20	Silt	
Pebble		Veget.	

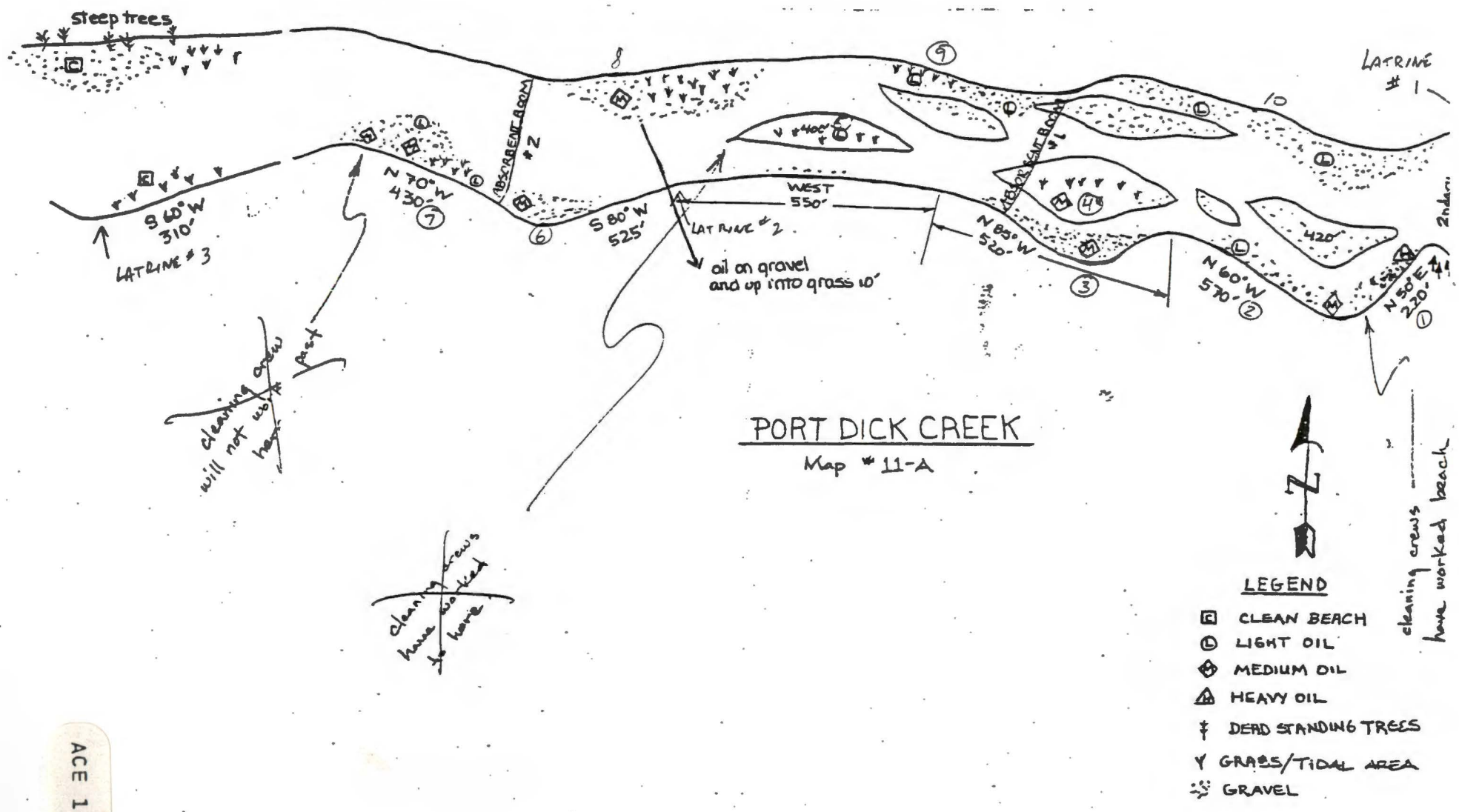
OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SPECIES	Ø				
COUNT	Ø				

COMMENTS: S. Shore, Pt. Dick Creek Mouth

ACE 10493774





PORT DICK CREEK

Map # 11-A

ACE 10493776_15

Anchor

Pt. Dick Creek

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: YR CATALOGED:
LOCATION: PORT Dick Crk
STREAM NAME: LATITUDE: 59 18 36
KODIAK K-UNIT: LOCAL STREAM #: LONGITUDE: 151 18 52
USGS QUADRANGLE: Seldovia B-4 LEGAL:
SHORELINE TYPE: ALL SEGMENTS: S 10 S 12W16
WAVE EXPOSURE:

ASC NUMBER:
SURVEY TYPE: SS
METHOD: foot
DATE: 6/ /89
START TIME: —
STOP TIME: —

TEAM RECORDER: GREG
OBSERVERS: Demers

AGENCY(IES): ADF&G

PHOTOS TAKEN? N
Roll #: Frames:
VIDEO TAKEN? N Tape Number:
Counter Start:

SAMPLES TAKEN? y
SAMPLE I.D. NUMBERS: 1. PDC-1-GD 2. 3.
4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	50	7		80	< 2	—	TB, LG, oiled LOG
SITE 2	100	5		50	< 2	—	TB, LG, VG oiled vegetation
SITE 3	40	5		50	< 2	—	TB
SITE 4	120	15		35	< 2	—	TB, VG
SITE 5	100	10		30	< 2	—	TB, VG

OVERALL OIL IMPACT: L/M

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? y

SUBSTRATE ~~GRAVEL~~

Bedrock	~~Granule~~	70
Boulder	Sand	10
Cobble	Silt	
Pebble 20	Veget.	

SPECIES	∅				
COUNT	0				

COMMENTS:

FROM PT. DICK CREEK MAP # 11-A
OIL sample taken on 6/22/89

Photos = Taken By Greg Demers

Roll #	FRAME #
1	3→8
2	9→17, 24, 25
3	1→5, 11→18
4	16→24

ACE 10493777 +/S

Pt. Dick Cont'd

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

ASC NUMBER:
SURVEY TYPE:
METHOD: foot
DATE: 6 / 89
START TIME:
STOP TIME:

TEAM RECORDER: GREG DEMARS
OBSERVERS:
AGENCY(IES): ADF&G
PHOTOS TAKEN?
Roll #: Frames:
VIDEO TAKEN? Tape Number:
Counter Start:

SAMPLES TAKEN?
SAMPLE I.D. NUMBERS: 1. 2. 3.
4. 5. 6.

	LENGTH m	WIDTH m	H2	%	THICK cm	PEN cm	OIL TYPE
SITE #6	30	5		40	<2	—	TB
SITE #7	70	15		15	<2	—	TB, VG
SITE #8	50	5		15	<2	—	TB, VG
SITE #9	80	4		5	<2	—	TB, VG
SITE #10	100	5		2	<2	—	TB

OVERALL OIL IMPACT: L/M

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

SPECIES					
COUNT					

COMMENTS:

FROM PT. DICK CREEK MAP, # 11-A

ACE 10493778

PORT DICK Creek

SC NUMBER: 242-42-10460 SEGMENT NUMBER: YR CATALOGED: Cont'd
OCATION: PORT DICK
AM NAME:
K K-UNIT: LOCAL STREAM #: LATITUDE: 59 18 36
SC QUADRANGLE: Seldovia B-4 LONGITUDE: 151 18 52
HORELINE TYPE: ALL SEGMENTS: LEGAL: S 10 S 12W 16
AVE EXPOSURE:

C NUMBER: TEAM RECORDER: GREG DEMERS
RVEY TYPE: SS OBSERVERS:
THOD: FOOT
TE: 6 / 1 / 89 AGENCY(IES): ADF&G
ART TIME: —
OP TIME: —
PHOTOS TAKEN? N
Roll #: Frames:
VIDEO TAKEN? N Tape Number:
Counter Start:

MPLES TAKEN? N
SAMPLE I.D. NUMBERS: 1. 2. 3.
4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 11	40	15		20	<2	10	TB, SOR, VG, STG
SITE 12	400	10		5	<2	—	TB, LG, VG,
SITE 13	60	15		2	<2		TB
4							
SITE 5							

VERALL OIL IMPACT: M

IL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

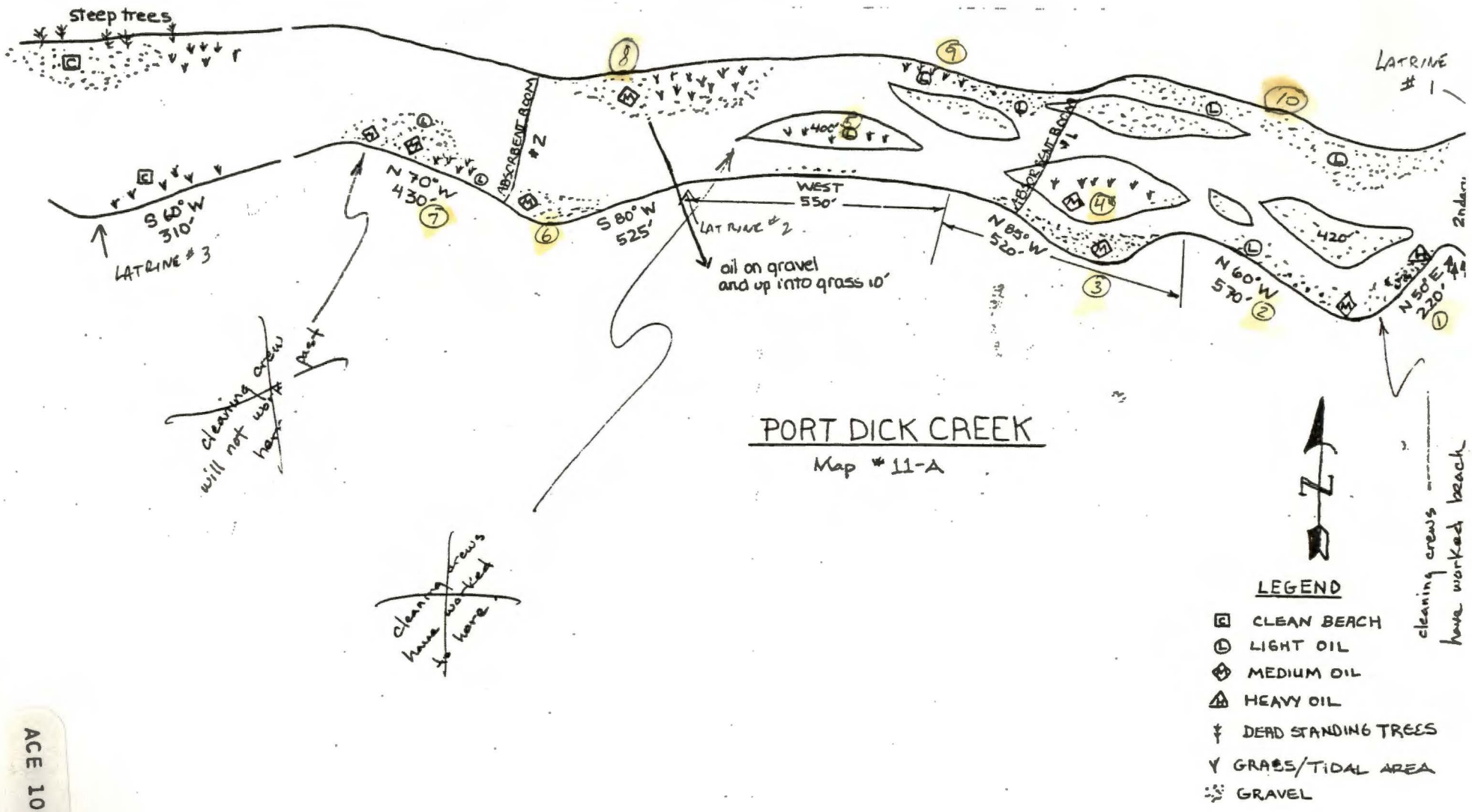
SUBSTRATE ~~GRAVEL~~

Bedrock		~~Granule~~	70
Boulder		Sand	10
Cobble	20	Silt	
Pebble		Veget.	

SPECIES	Ø				
COUNT	Ø				

MENTS: S. SHORE, PT. DICK CREEK MOUTH

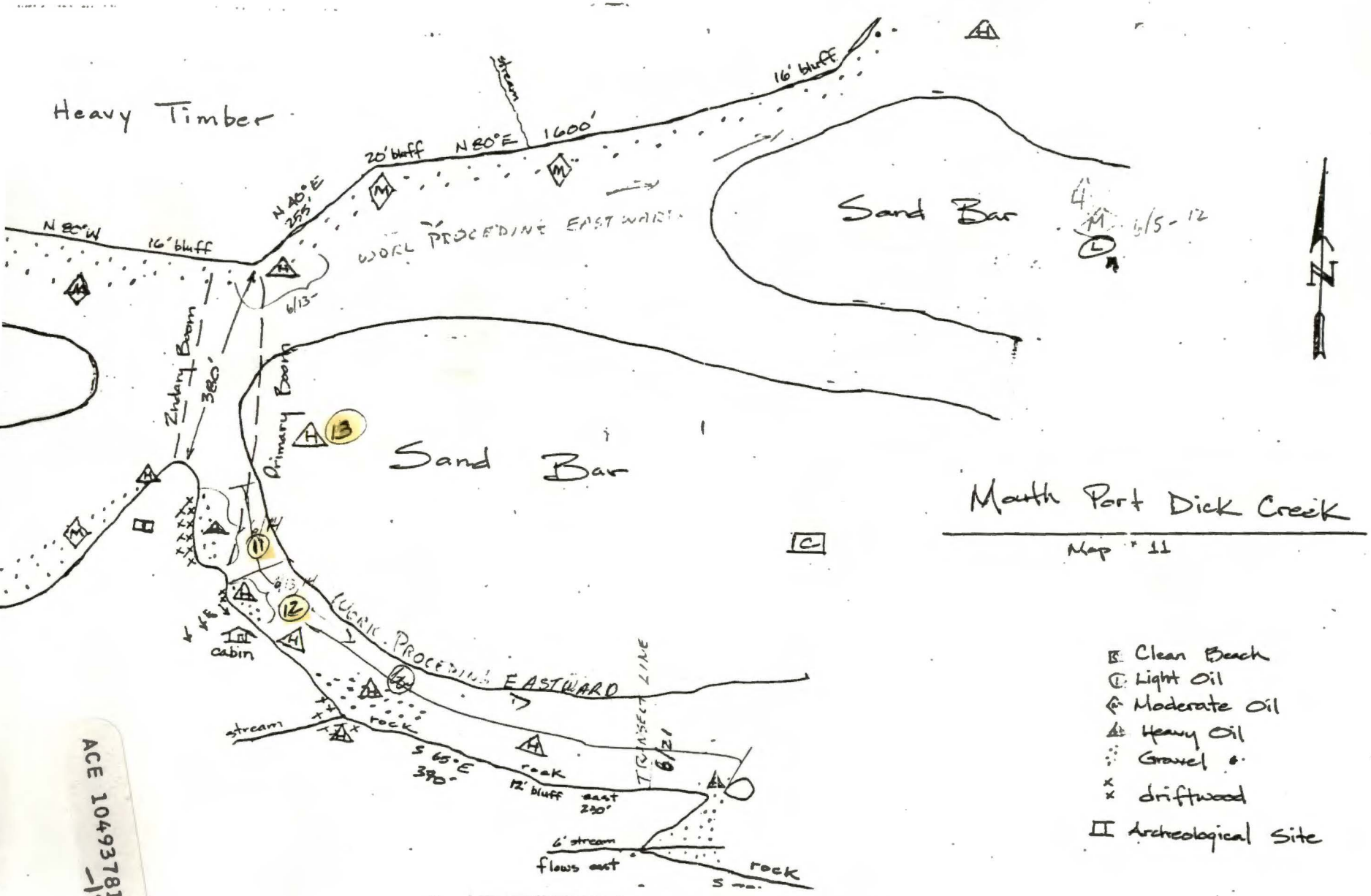
ACE 10493779



PORT DICK CREEK

Map # 11-A

ACE 10493780



ACE 10493781/154

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2424210460
SEGMENT: PD003

PAGE 36 DATE PRINTED: 06/21/91

LOCATION: PORT DICK

SURVEY TYPE: 90 PRE SCREEN - SS METHOD: GROUND

DATE: 04/11/90 TEAM RECORDER: HILL

START TIME: 1104 OBSERVERS: MCLANE
END TIME: 1235

AGENCY: FG

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2424210460 ROLL#: 90DDH002H
FRAME: 14-15

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

SAMPLES TAKEN: Y

SAMPLE NUMBERS: ?? 90DDH076H -0-
?? 90LPG0224H -0-
-0- -0-

OIL IN STREAM BED: Y

OVERALL OIL IMPACT: L OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: LOW SHORELINE TYPE: LOW-LYING ROCKS BEACH

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 20 VEGETAT -0-
GRAVEL 70 SAND 10 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON COUNT: 50
-0- -0-
-0- -0-
-0- -0-
-0- -0-

ACE 10493782+1S1C

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 43 DATE PRINTED: 06/21/91

STREAM# : 2424210460
SEGMENT#: PD003

SURVEY TYPE : 90 PRE SCREEN - SS LOCATION: PORT DICK
DATE: 04/11/90
TIMES: 1104 - 1235 TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1	-0-	-0-	700	-0-	-0-	.025 ok	<2.5	.5	TP AP
2	-0-	-0-	100	-0-	-0-	-0-	<2.5	1	AP
3	-0-	-0-	50	1	-0-	15	<2.5	-0-	AP TP

COMMENTS:
SPORADIC PATTIES OF OIL WERE FOUND ON ISLANDS AND BARS OF THE CREEK CHANNEL FROM THE MOUTH TO A POINT APPROX 700 METERS UPSTREAM, APPROX .025 ~~.25~~ OF THIS AREA HAD TAR PATTIES ON IT. OBSERVED 34 TAR PATTIES (OIL SATURATED SEDIMENT) RANGING IN SIZE FROM .33M X .33M TO .66M X .66M OVER A 100M STRETCH OF THE NORTH SHORE (APPROX 470M UPSTREAM OF THE STREAM MOUTH). CHUM SALMON FRY WERE OBSERVED IN VARIOUS PORTIONS OF STREAM. ~~THIS STREAM HAS NO SITE #.~~ AN ADF&G REPRESENTATIVE WAS STATIONED AT THIS SITE AND OVER SAW CLEANUP OPERATIONS in 1989.
OIL ON STREAM BANKS: YES
OIL WITHIN 1 MILE OF STREAM: YES, SLIDE CREEK, PD-2, PD-4. BOTH SHORELINES AT MOUTH OF CREEK

ACE 10493783 -K

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: PD-3 YR CATALOGED:
LOCATION: KPOC
STREAM NAME: Port Dick Crk LATITUDE: 59 18 36
KODIAK K-UNIT: . LOCAL STREAM #: LONGITUDE: 151 18 52
USGS QUADRANGLE: Seldovia B-4 LEGAL:
SHORELINE TYPE: Beach, Low lying Rock ALL SEGMENTS:
WAVE EXPOSURE: L

ASC NUMBER:
SURVEY TYPE: Pre-screening
METHOD: Foot
DATE: 4/11/90
START TIME: 1104
STOP TIME: 1235

TEAM RECORDER: Doug Hill
OBSERVERS: Susan McLane

AGENCY(IES): ADF&G

PHOTOS TAKEN? Yes
Roll #: 90DOH02H Frames: 14, 15
VIDEO TAKEN? Tape Number: → Aerials taken on 4/12/90
Counter Start:

SAMPLES TAKEN? ~~Yes~~
SAMPLE I.D. NUMBERS: 1. ~~DOH/SM-4/27/90-1100~~ 2. ~~AG/SM-4/27/90-1030~~ 3.
4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	700m	* See below		.025%	<2.5cm	.5cm	TP, AP
SITE 2	100m	** See below		—	<2.5cm	1cm	AP
SITE 3	50m	1m		15%	<2.5cm	—	AP, TP
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L

OIL IN STREAM CHANNEL? Yes

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Yes

SUBSTRATE		
Bedrock		Granule
Boulder		Sand 10%
Cobble	20%	Silt
Pebble	70%	Veget.

SPECIES					
COUNT					

~~SEE attached MAB form (comments section + diagram)~~

COMMENTS: * Sporadic patties of oil were found on islands and bars of the creek channel from the mouth to a point ≈700 meters upstream ≈ approximately .025% of this area had tar patties on it .025 %

** observed 34 tar patties (oil saturated sediment) ranging in size from .33m x .33m to .66m x .66m over a 100m stretch of the North shore (≈ 470 m upstream of the stream mouth).

Chum Salmon fry were observed in various portions of stream

~~See~~ 1990 field log ~~for further info~~

ACE 10493784 +1S

* This stream has NO site # — An ADF&G representative was stationed at this site and oversaw cleanup operations

*Revisions As of 4/17/90 (ADF&G Survey)
" " 4/29/90 (ANADOSCAT)

FAXed Anchorage 4/17/90

Pre-screening

GROUP A

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

Cordova Table
Picnic Hbr Correction

3 DATE: 4/11/90

4 START TIME: 1104

5 STOP TIME: 1235

6 SEGMENT #: PD-3

7 STATION #:

8 K-UNIT:

9 STAT AREA: 242-42

10 LAT: 59°18'55"

11 LONG: 151°18'80"

12 SOURCE: (Map) Loran

13 LOCATION: AFS-242-42-10460/Pt. Dick West Arm - head of Arm

14 DESCRIPTION: From 200 yds west of south shore mouth to Approx. 700 yds upstream both shores.

PD-1

15 HIGH TIDE TIMES: /

16 HIGH TIDE HTS: /

17 LOW TIDE TIMES: 0949 /

18 LOW TIDE HTS: -0.8 /

19 TIDE HT AT SURVEY:

Ebb Slack (Flood) Slack

20 USCG QUAD: Seldovia B-4

21 TEAM RECORDER: Doug Hill

22 OBSERVERS: Susan McLane

23 AGENCY: ADF&G

24 PHOTOS TAKEN: (Y) N

Roll #: 90-DDH-02-H Frame: 14,15

25 VIDEO TAKEN: Y (N) TAPE#:

Start: End:

26 SAMPLES TAKEN? (Y) N Number

Oil ~~DDH/sm 4/27/90 1100~~
~~tb/sm 4/27/90 1030~~

Sediment

Biological

Water

EXTENT OF OIL

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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? (Y) N At creek mouth driftwood

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

34 WAVE EXPOSURE: High Moderate (Low)

35 SUBSTRATE TYPE: Bedrock Boulder Cobble 20%
Gravel 70% Sand 10% Mud/silt

36 CATALOGED ANAD. FISH STREAM? (Y) N

37 CATALOG #: 242-42-10460

38 STREAM NAME: Port Dick Creek

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: Slide Creek, PD-2, PD-4
Both shorelines at mouth of creek

43 ANADROMOUS FISH PRESENT? (Y)

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Pink Salmon		50

ACE 10493785

COMMENTS: Observed tar patties & ~~700~~ 700 DDH yds upstream of beach (State parks cabin) at stream outlet. HARD outer crust. Oil patties & balls found throughout Grass & Covered bars

— SALMON Fry observed in various portions of stream (Chum fry).

ACE 1940630

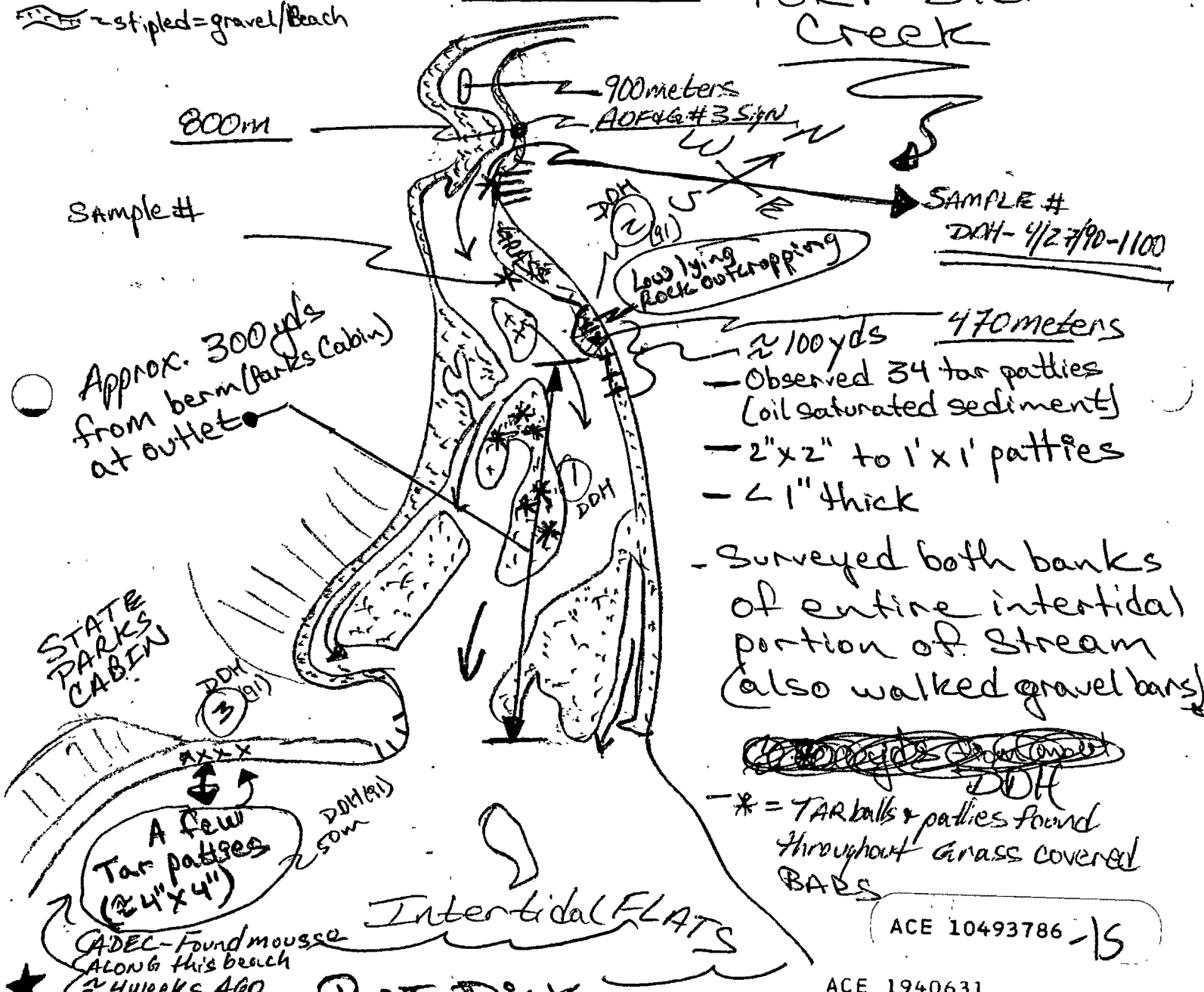
OVER →

FRAME(S)	DESCRIPTION
14,15	Aerials of Pt. Dick Creek - Mouth

Clean it NOW!

Due to vegetation and oil amongst vegetation this area should be cleaned ASAP - RAPID vegetation growth will obscure oil - crews will be unable to find oil.

46 OIL DISTRIBUTION DIAGRAM



*ANADSCAT RECOMMENDED - ANADSCAT Complete 4/29/90

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: PD-3 YR CATALOGED:
LOCATION: KPOC
STREAM NAME: Port Dick Crk. LATITUDE: 59 18 36
KODIAK K-UNIT: . LOCAL STREAM #: LONGITUDE: 151 18 52
USGS QUADRANGLE: Seldovia B-4 LEGAL:
SHORELINE TYPE: Beach, Low lying Rock ALL SEGMENTS:
WAVE EXPOSURE: L

ASC NUMBER:
SURVEY TYPE: Pre-screening
METHOD: Foot
DATE: 4/11/90
START TIME: 1104
STOP TIME: 1235

TEAM RECORDER: Doug Hill
OBSERVERS: Susan McLane

AGENCY(IES): ADF&G

PHOTOS TAKEN? Yes
Roll #: 90D0H02H Frames: 14, 15
VIDEO TAKEN? Tape Number: → Aerials taken on 4/12/90
Counter Start:

SAMPLES TAKEN? Yes
SAMPLE I.D. NUMBERS: 1. DOH/SM-4/27/90-1100 2. 26/SM-4/27/90-1030 3.
4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	700m	*See below		.025%	<2.5cm	.5cm	TP, AP
SITE 2	100m	** See below		—	<2.5cm	1cm	AP
SITE 3	50m	1m		15%	<2.5cm	—	AP, TP
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L

OIL IN STREAM CHANNEL? Yes

SUBSTRATE	
Bedrock	Granule
Boulder	Sand 10%
Cobble 20%	Silt
Pebble 70%	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Yes

SPECIES					
COUNT					

SEE attached MAD Form (comments section + diagram)

COMMENTS: * Sporadic patties of oil were found on islands and bars of the creek channel from the mouth to a point ≈700 meters upstream ≈ approximately .025% of this area had tar patties on it

** observed 34 tar patties (oil saturated sediment) ranging in size from .33m x .33m to .66m x .66m over a 100m stretch of the North shore (≈ 470 m upstream of the stream mouth).

Chum Salmon fry were observed in various portions of stream.

ACE 10493787 +15

*See 1990 field log for further info

* This stream has NO site #. An ADF&G representative was stationed at this site and oversaw cleanup operations.

Group A

Pre-screening

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS (SS) DS TS AVS SCHA MKHS PTA ... 2 REGION: PWS (KP,CI) K,AP ...

METHOD: Aerial (Ground) Boat

Cordova Table Picnic Hbr correction

3 DATE: 4/11/90 15 HIGH TIDE TIMES: 0315 / 1607 21 TEAM RECORDER: Doug Hill

4 START TIME: 1104 16 HIGH TIDE HTS: 13.0 / 10.8 22 OBSERVERS: Susan McLaren

5 STOP TIME: 1235 17 LOW TIDE TIMES: 0949 / 2145 23 AGENCY: ADF&G

6 SEGMENT #: PD-3 18 LOW TIDE HTS: -0.8 / 2.7 24 PHOTOS TAKEN: (Y) N

7 STATION #: ... 19 TIDE HT AT SURVEY: ... Roll #: 90-DDH-02-H Frame: 14,15

8 K-UNIT: ... Ebb Slack (Flood) Slack 25 VIDEO TAKEN: Y N TAPE#: ...

9 STAT AREA: 242-42 20 USCG QUAD: Seldovia B-4 Start: ... End: ...

10 LAT: 59° 17' 6" 59° 18' 55" 11 LONG: 151° 15' 0" 151° 16' 80" 26 SAMPLES TAKEN? Y (N) Number

12 SOURCE: (Map) Loran Oil ...

13 LOCATION: AFS-242-42-10460/Pt. Dick West Arm - head of Arm Sediment ...

14 DESCRIPTION: From 200 yds west of south shore mouth to Approx. 700 yds upstream both shores. Biological ...

PD-1 EXTENT OF OIL Water ...

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

36 CATALOGED ANAD. FISH STREAM? (Y) N

37 CATALOG #: 242-42-10460

38 STREAM NAME: Port Dick Creek

39 OIL IN STREAM BED? Y N

40 OIL ON STREAM BANKS? (Y) N

30 OVERALL OIL IMPACT: N VL L M H

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

31 OIL TYPE: Pooled Mousse (Tar) Asphalt Sticky Stain

42 OIL WITHIN 1 MILE OF STREAM? (Y) N Where: Slide Creek, PD-2 Both shorelines at mouth of creek, PD-4

32 OILED DEBRIS? (Y) N At creek mouth driftwood

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

43 ANADROMOUS FISH PRESENT? (Y) N

34 WAVE EXPOSURE: High Moderate (Low)

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Pink Salmon		50

35 SUBSTRATE TYPE: Bedrock ... Boulder ... Cobble 20%

Gravel 70% Sand 10% Mud/silt ...

COMMENTS: Observed tar patties @ 300 yds upstream of berm (State parks cabin) at stream outlet. HARD outer crust.

SALMON fry observed in various portions of stream (Chum fry).

OVER →

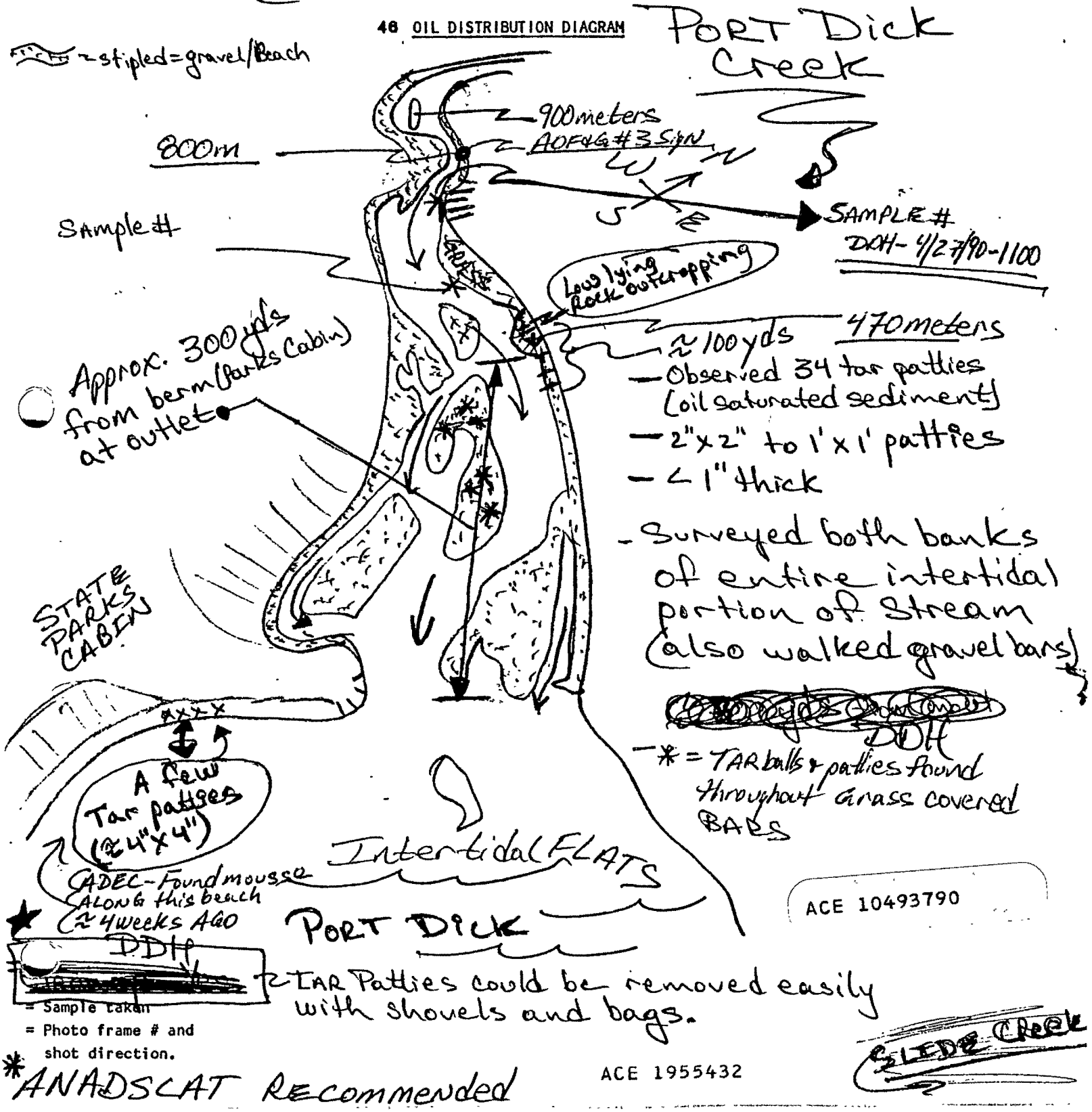
ACE 10493789

FRAME(S)	DESCRIPTION
14,15	Aerials of Pt. Dick Creek - Mouth

Clean it NOW!

Due to vegetation and oil amongst vegetation this area should be cleaned ASAP - RAPID Vegetation growth will obscure oil - crews will be unable to find oil.

46 OIL DISTRIBUTION DIAGRAM



A Revisions As of 4/17/90 (ADF&G Survey)
" " " 4/29/90 (ANADSCAT)

Faxed Anchorage 4/17/90

Pre-screening

Group A

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

Cordova Table
Picnic Hbr Correction

3 DATE: 4/11/90
4 START TIME: 1104
5 STOP TIME: 1235
6 SEGMENT #: PD-3
7 STATION #:
8 K-UNIT:
9 STAT AREA: 242-42
10 LAT: 59°18'55"
11 LONG: 151°18'80"
12 SOURCE: (Map) Loran
13 LOCATION: AFS-242-42-10460/Pt. Dick West Arm - head of Arm
14 DESCRIPTION: From 200 yds west of south shore mouth to Approx. 700 yds upstream both shores.

15 HIGH TIDE TIMES: /
16 HIGH TIDE HTS: /
17 LOW TIDE TIMES: 0949 /
18 LOW TIDE HTS: -0.8 /
19 TIDE HT AT SURVEY:
Ebb Slack (Flood) Slack
20 USCG QUAD: Seldovia B-4

21 TEAM RECORDER: Doug Hill
22 OBSERVERS: Susan McLane
23 AGENCY: ADF&G
24 PHOTOS TAKEN: (Y) N
Roll #: 90-DDH-02-H Frame: 14,15
25 VIDEO TAKEN: Y N TAPE#:
Start: End:
26 SAMPLES TAKEN? (Y) N Number
Oil DDH/SMA-LG/SM 4/27/90-1100 4/27/90-1030
Sediment
Biological
Water

PD-1

EXTENT OF OIL

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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? (Y) N At creek mouth driftwood

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

34 WAVE EXPOSURE: High Moderate (Low)

35 SUBSTRATE TYPE: Bedrock Boulder Cobble 20%
Gravel 70% Sand 10% Mud/silt

36 CATALOGED ANAD. FISH STREAM? (Y) N
37 CATALOG #: 242-42-10460
38 STREAM NAME: Port Dick Creek
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: Slide Creek, PD-2
43 ANADROMOUS FISH PRESENT? Y (N)

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
		the

COMMENTS: Observed tar patties ± 700 DDH yds upstream of berm (State parks cabin) at stream outlet. Hard outer crust. Oil patties & balls found throughout Grass covered bars

Salmon fry observed in various portions of stream (Chum fry).

ACE 10493791

OVER →

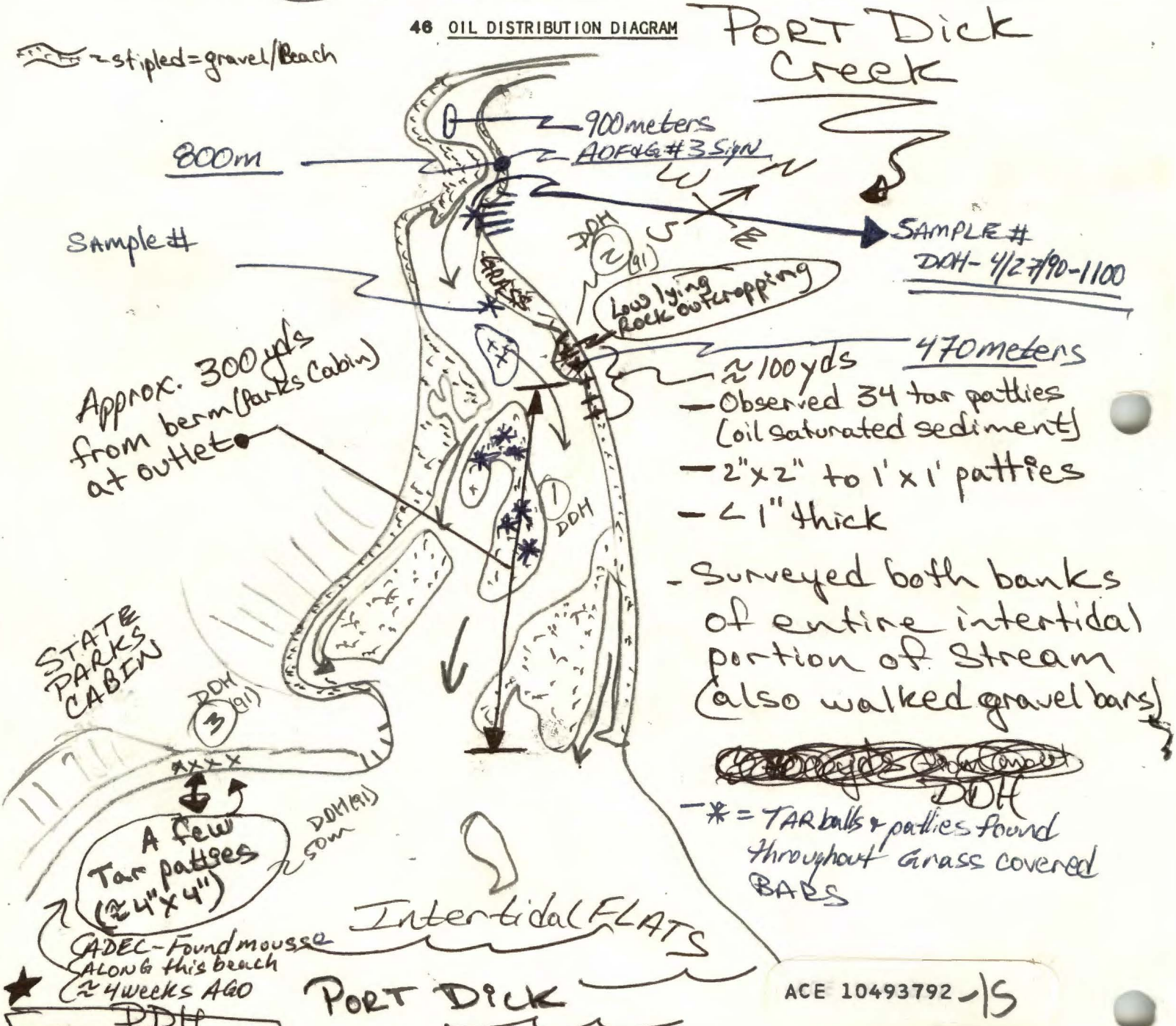
45 PHOTOLOG

FRAME(S)	DESCRIPTION
14,15	Aerials of Pt. Dick Creek-Mouth

Clean it NOW!

Due to vegetation and oil amongst vegetation this area should be cleaned ASAP - RAPID vegetation growth will obscure oil-areas will be unable to find oil.

46 OIL DISTRIBUTION DIAGRAM



ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2424210460
SEGMENT: PD003

PAGE 37 DATE PRINTED: 06/21/91

LOCATION: PORT DICK

SURVEY TYPE: 90 PRE SCREEN - BS METHOD: GROUND

DATE: 04/17/90 TEAM RECORDER: HILL

START TIME: 1440
END TIME: 1617

OBSERVERS: MCLANE BOTKIN

Doug, do you have a COC for this?

AGENCY: FG USCG

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2424210460

ROLL#: 90DDH006H
FRAME: 15-17

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

SAMPLES TAKEN: Y → DOH/SM - 4/17/90 - 1500

Doug needs to verify.

SAMPLE NUMBERS: ?? ~~90DDH072H~~ -0-

-0- -0-

-0- -0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: -0- OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: MOD SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 20 -0- VEGETAT -0-

GRAVEL -0- SAND 10 -0- MUD/SILT -0- GRANULE 70 -0-

ANADROMOUS FISH PRESENT: Y

SPECIES:		COUNT:
	PINK FRY	-0-
	-0-	-0-
	-0-	-0-
	-0-	-0-
	-0-	-0-

ACE 10493793 +/S

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 44 DATE PRINTED: 06/21/91

STREAM# : 2424210460
SEGMENT#: PD003

SURVEY TYPE : 90 PRE SCREEN - BS LOCATION: PORT DICK
DATE: 04/17/90
TIMES: 1440 - 1617 TEAM RECORDER: HILL

-- 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-	NOT AVAIL

COMMENTS:
WALKED INTERTIDAL PORTION OF STREAM & PD-4 TO CERES (USGS SURVEY MARKER). TARMATS & PATTIES OBSERVED OVER APPROX 40% OF DISTANCE FROM PD CREEK MOUTH TO CERES (OIL <3" THICK & 8" TO 4' MATS) BETWEEN COBBLES & BOULDERS. ALSO WALKED BEACH FROM PD CREEK MOUTH TO SLIDE CREEK. TAR PATTIES FOUND (1 PER 25') IN COBBLE INTERSTICES. ST, CT, & CV OBSERVED <<<1% ALONG PD CREEK. ST, CT, CV <1% ON BEACH AT MOUTH OF PD CREEK.
OIL ON STREAM BANKS: YES
OIL WITHIN 1 MILE OF STREAM: YES, PD-1, PD-2, PD-4

AP 🐘 TP

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: YR CATALOGED:
LOCATION:
STREAM NAME: Port Dick Creek LATITUDE:
KODIAK K-UNIT: . LOCAL STREAM #: LONGITUDE:
USGS QUADRANGLE: LEGAL:
SHORELINE TYPE: ALL SEGMENTS:
WAVE EXPOSURE:

ASC NUMBER:
SURVEY TYPE:
METHOD:
DATE: 4/17/90
START TIME: 1440
STOP TIME: 1617

TEAM RECORDER:
OBSERVERS:

AGENCY(IES):

PHOTOS TAKEN?
Roll #: Frames:
VIDEO TAKEN? Tape Number:
Counter Start:

SAMPLES TAKEN?
SAMPLE I.D. NUMBERS: 1. DDH/SM-4/17/90-1500 2. 3.
4. 5. 6.

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

OVERALL OIL IMPACT: VL

OIL IN STREAM CHANNEL?

SUBSTRATE

Bedrock	Granule 70
Boulder	Sand 10
Cobble 20	Silt
Pebble	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH?

SPECIES					
COUNT					

COMMENTS: Dib. sample taken approx. 914m (1300 yds) upstream of the mouth of Port Dick Creek.

pls check: We have DDH 4 18 90 1500, taken at PORT Dick Creek, but 300 yds above mouth. Is this the same sample? YES

ACE 10493795 +/S

Pre-Screening

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: (SS) SS DS TS AVS SCHA MHHS PTA

2 REGION: PWS (KP;CI) K,AP

METHOD: Aerial (Ground) Boat

3 DATE: 4/17/90

4 START TIME: 1440

5 STOP TIME: 1617

6 SEGMENT #: PD-03

7 STATION #:

8 K-UNIT:

9 STAT AREA:

10 LAT: 59 18 36

11 LONG: 151 18 52

12 SOURCE: Map Loran

13 LOCATION: KP, OC, Port Dick, West Arm

14 DESCRIPTION: Head of Port Dick

15 HIGH TIME TIMES: 0055 /

16 HIGH TIME HTS: 10.4 /

17 LOW TIME TIMES: 1318 /

18 LOW TIME HTS: 2.0 /

19 TIDE HT AT SURVEY:

Ebb Slack (Flood) Slack

20 USCG QUAD: Seldovia B-4

21 TEAM RECORDER: Doug Hill

22 OBSERVERS: Susan McLane, Jackie Botkin (USCG)

23 AGENCY: ADF&G

24 PHOTOS TAKEN: (Y) N

Roll #: 9000H06H Frame: 15,16,17

25 VIDEO TAKEN: Y (N) TAPE#:

Start: End:

26 SAMPLES TAKEN? (Y) N Number

(OIL) DOH/sm-4/17/90-1500

Sediment

Biological

Water

EXTENT OF OIL

	SHORELINE L	W	M^2	%	STREAM L	W	M^2	%
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? 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 20 Gravel 70 Sand 10 Mud/silt

36 CATALOGED ANAD. FISH SREAM? (Y) N

37 CATALOG #: 242-42-10460

38 STREAM NAME: Port Dick Creek

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: PD-1, PD-2, PD-4

43 ANADROMOUS FISH PRESENT? (Y) N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Pink fry		
[illegible]		

COMMENTS: Walked intertidal portion of stream + PD-4 to Ceres (USGS survey Marker). Tar mats + puddles observed over ≈ 40% of distance from PD Creek mouth to Ceres (Oil: < 3" thick + 8" to 4' mats) between cobbles + boulders. Also walked beach from PD Creek mouth to Slide Creek → Tarpatties found (1 per 25') in cobble interstices.

ST, CT + CV observed <<< 1% along PD-Creek. ST CT CV <1% on beaches at mouth of PD-Creek

ACE 10493796-15

45 PHOTOLOG

FRAME(S)	DESCRIPTION
15	Sample # DDH/SM - 4/17/90-1500/Taken 300 yds upstream
16	" " " " "
17	" " " " "

46 OIL DISTRIBUTION DIAGRAM

ACE 10493797 A

Sample taken
Photo frame # and
shot direction.

SHORELINE EVALUATION

SEGMENT ST/ PD-03 SUBDIVISION A (1 OF 1) DATE 4/21/90

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)
1J Purse seine area (6/20 to 9/30)
4GG Alaska State Parks
6NN Recreation: Sportfishing
8AA Sensitive Estuary

See attached Ecological Constraint sheet for specific constraints and contacts.

SUBDIVISION ECOLOGICAL CONSTRAINTS:

Avoid any unnecessary disturbance or damage to unoiled biota and substrate.

ARCHAEOLOGICAL CONSTRAINTS: An Exxon archaeological monitor is required on-site during shoreline treatment. CEH 5/3/90 required prior

archaeological monitor [illegible]

* refer TAG comment

SHPO SIGNATURE: Pamela Z Holmes DATE: 4/28/90

OILING CATEGORIZATION:

Wide____m: Medium____m: Narrow____m: V.Light____m: No Oil____m
Subsurface Oil Observed: Yes____ No X Maximum Depth____

RECOMMENDATIONS:

☛ No Treatment Recommended	____Snare/Absorbent Booms
____Treatment Recommended	____Oil Snares (pom poms)
X Manual Pickup	____Absorbents (pads,rolls,etc)
____Bioremediation	____Spot Washing:____Wands
____Tarmat Removal	____Beach Cleaner
	____Other (see comments)

COMMENTS: ____

* TAG COMMENTS: MANUAL PICKUP OF TARBALL / TAR PATTIES PRIOR* MAY 1 - INTERIM APPROVAL FOR TAR PATTY / TARBALL PICKUP. TAG Recommendation Final ~~Approval~~ for treatment on May 5, 1990 CEH AP JBauer

TAG APPROVAL DATE: 4/28/90
ADEC JOHN BAUER JBauer
EXXON ANDY [illegible]
NOAA Gary Petrae Amy Petras
USCG KENNETH KEDDY

FOSC: [signature] DATE: 5-6-90

ACE 10493797

Memo

Date: 4/24/90

To: John Bauer

Through: Dick Mckean

From: Russell Kunibe, EFOII

Subject: SSAT surveys from PD-2 and PD-3

SSAT team # 17 completed surveys of PD-2 on 4/20/90 and of PD-3 on 4/21/90. These segments both included important anadromous streams. In both segments there were mousse patties around the base of grass clumps. New shoots of grass were growing through these mousse patties. In a short time the mousse patties will be obscured by the new growth of grass and pick up of the mousse will be difficult. This area needs immediate attention.

To pick up just the mousse patties in the grass would take a crew of 6 two days. Perhaps Exxon could be persuaded to send a crew out by helicopter to pick up this oil and store it on the beach until the work crews arrive after May 15, 1990 to work the rest of these segments.

Please expedite the STAG process so that these segments receive immediate attention.

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

DRAFT 10/9/91

WEST ARM AT DICK, HEAD OF WEST ARM

STREAM#: 2424210460
SEGMENT: ~~-0-~~ PD-03

DO NOT

PAGE 21 DATE PRINTED: 07/25/91

LOCATION: ~~non~~ PORT DICK

SURVEY TYPE: 90 STREAM SURVEY METHOD: GROUND

DATE: 04/27/90 TEAM RECORDER: HILL

START TIME: 1028 OBSERVERS: GLENN MCLANE
END TIME: 1110

TIDES: FLOOD AGENCY: FG
OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2424210462 ROLL#: 90DDH008H
FRAME: 23-25

VIDEO TAKEN: Y TAPE#: 90LPG022H
START: 4265 END: 4387

SAMPLES TAKEN: Y

SAMPLE NUMBERS: 90DDH076H -0-

-0- -0-

-0- -0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: L OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: LOW SHORELINE TYPE: BEACH LAGOON

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 20 VEGETAT -0-

GRAVEL 70 SAND 10 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: Y

SPECIES:	COUNT:
-0- PINK SALMON PRES	-0-
-0-	-0-
-0-	-0-
-0-	-0-
-0-	-0-

ACE 10493799 1/5

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 21 DATE PRINTED: 07/26/91

STREAM# : 2424210462
SEGMENT#: ~~-0-~~

SURVEY TYPE : 90 STREAM SURVEY LOCATION: ~~-0-~~ PORT DICK
DATE: 04/27/90
TIMES: 1028 - 1110 TEAM RECORDER: HILL

-- 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-	MS TP ST SO

COMMENTS:
OIL FOUND 900 METERS ABOVE MOUTH OF STREAM (ROCKY OUTCROP AT MOUTH OF STREAM). OIL FOUND NEAR "ADF&G #3" SIGN. OIL ON NORTH SHORE 1-2' ABOVE CURRENT WATER LEVEL - FOUND ON ROCKY OUTCROP (TARBALLS). TARBALLS ALSO FOUND ON BANK OF MAJOR SIDE CHANNEL. PINK FRY PRESENT.

ACE 10493800-15

Oil SAMPLE Collection
PORT Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

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

10/9/91 DSK

METHOD: Aerial (Ground) Boat

3 DATE: 4/27/90
4 START TIME: 1028
5 STOP TIME: 1110
6 SEGMENT #: PD-3
7 STATION #:
8 K-UNIT:
9 STAT AREA:
10 LAT: 59 18 36
11 LONG: 151 18 32
12 SOURCE: Map Loran
13 LOCATION: West Arm Port Dick, Head of West Arm
14 DESCRIPTION:

15 HIGH TIDE TIMES: 0238 / 1545
16 HIGH TIDE HTS: -3.7 / 11.5
17 LOW TIDE TIMES: 0915 / 2115
18 LOW TIDE HTS: 15.2 / 12.2
19 TIDE HT AT SURVEY:
Ebb Slack (Flood) Slack
20 USCG QUAD: Seldovia B-4

21 TEAM RECORDER: Doug Hill
22 OBSERVERS: Lee Glenn, Susan McIlane
23 AGENCY: ADF&G
24 PHOTOS TAKEN: (Y) N
Roll #: 900DH08H Frame: 23, 24, 25
25 VIDEO TAKEN: (Y) N TAPE#: 90LPG022H
Start: 4265 End: 4387
26 SAMPLES TAKEN? (Y) N Number
(Oil) OOH- 4/27/90-1100
Sediment
Biological
Water

EXTENT OF OIL

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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? (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 20 Gravel 70 Sand 10 Mud/silt

36 CATALOGED ANAD. FISH SREAM? Y N
37 CATALOG #: 242-42-1046
38 STREAM NAME: Port Dick Creek
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: PD-1, 2, +3
43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Pink Fry		

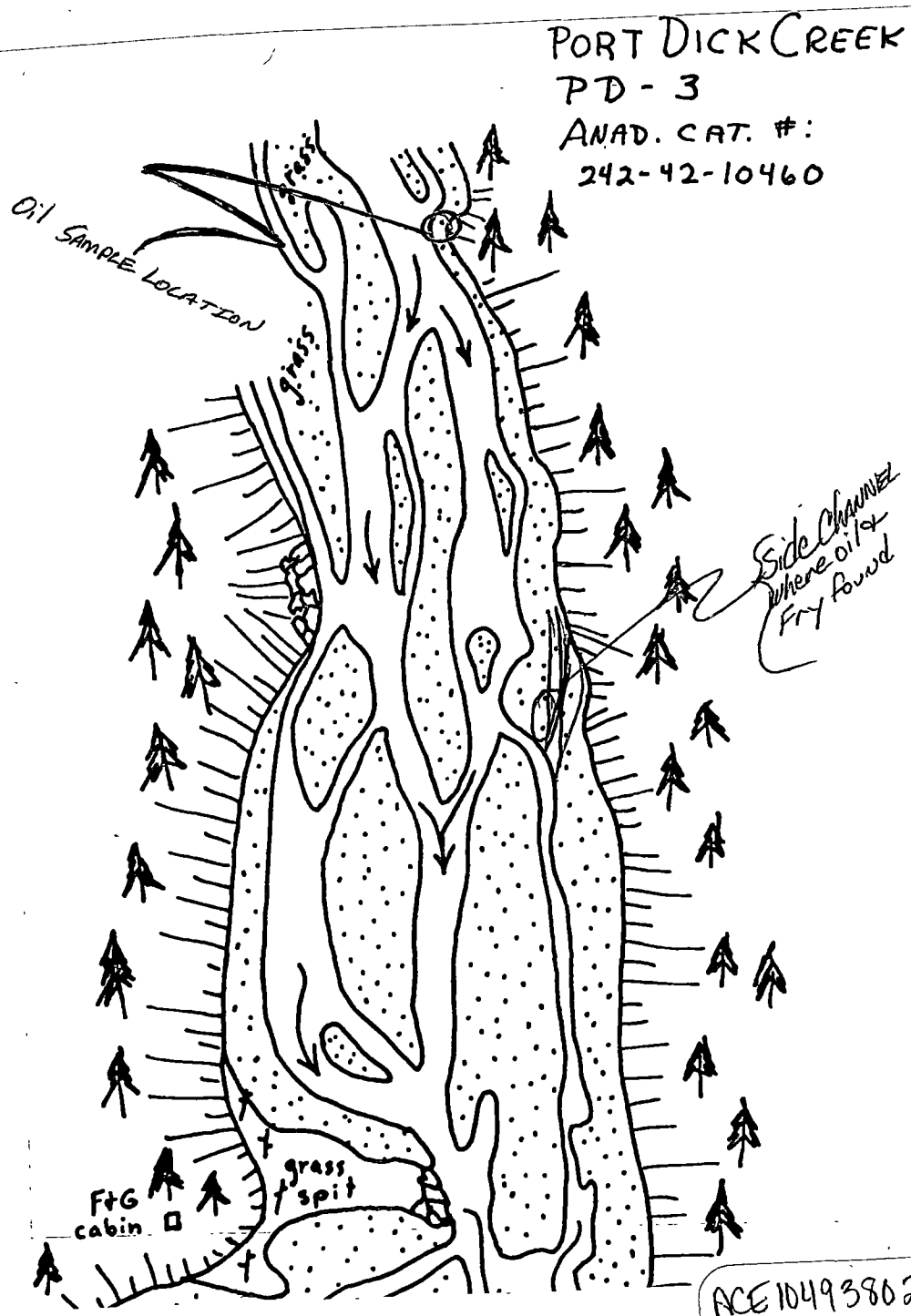
COMMENTS: Oil found 900 meters above mouth of stream (Rocky outcrop at mouth of stream). Oil found near "ADF&G #3 Sign - Oil on North shore 1-2' above current H₂O level - found on rocky outcrop (tarballs). Tarballs also found on bank of major side channel.

ACE 10493801

46 PHOTOLOG

FRAME(S)	DESCRIPTION
23	Sample# ODH-4/27/90-1100 – taken 900 meter upstream of Mouth
24	" " " " " –
25	Numerous chum fry observed in this channel - patties of oil in shore grass flat

46 OIL DISTRIBUTION DIAGRAM



= Sample taken

= Photo frame # and shot direction.

ACE10493807 A

Oil SAMPLE COLLECTION

PORT Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: (EC) SS DS TS AVS SCHA MHHS PTA — 2 REGION: PWS (KP,CI) K,AP — OK

METHOD: Aerial (Ground) Boat

3 DATE: 4/27/90 — 16 HIGH TIDE TIMES: 0238 / 1545 — 21 TEAM RECORDER: Doug Hill

4 START TIME: 1028 — 18 HIGH TIDE HTS: -3.7 / 11.5 — 22 OBSERVERS: Lee Glenn, Susan McLane

5 STOP TIME: 1110 — 17 LOW TIDE TIMES: 0915 / 2115 — 23 AGENCY: ADF&G

6 SEGMENT #: PD-3 — 18 LOW TIDE HTS: 15.2 / 12.2 — 24 PHOTOS TAKEN: (Y) N

7 STATION #: _____ — 19 TIDE HT AT SURVEY: _____ — Roll #: 90DDH08H Frame: 23, 24, 25

8 K-UNIT: _____ — Ebb Slack (Flood) Slack — 25 VIDEO TAKEN: (Y) N TAPE#: 90LPG022H

9 STAT AREA: _____ — 20 USCG QUAD: Seldovia B-4 — Start: 4265 End: 4387

10 LAT: 59 18 36 — 11 LONG: 151 18 32 — 26 SAMPLES TAKEN? (Y) N Number 90 DDH 076H

12 SOURCE: Map Loran — (Oil) OOH- 4/27/90-1100

13 LOCATION: West Arm Port Dick, Head of West Arm — Sediment _____

14 DESCRIPTION: _____ — Biological _____

Water _____

EXTENT OF OIL

	SHORELINE L	W	H^2	%	STREAM L	W	H^2	%
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? (Y) N — MS TP ST SOR

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

34 WAVE EXPOSURE: High Moderate (Low)

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble 20 Gravel 70 Sand 10 Mud/silt _____

36 CATALOGED ANAD. FISH STREAM? Y N

37 CATALOG #: 242-42-10462

38 STREAM NAME: Port Dick Creek

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: PD-1, 2, +3

43 ANADROMOUS FISH PRESENT? (Y) N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Pink Fry Salm		

COMMENTS: Oil found 900 meters above mouth of stream (Rocky outcrop at mouth of stream). Oil found near "ADF&G #3" Sign - Oil on North shore 1-2' above current H2O level - found on rocky outcrop (tarballs). Tarballs also found on bank of major side channel.

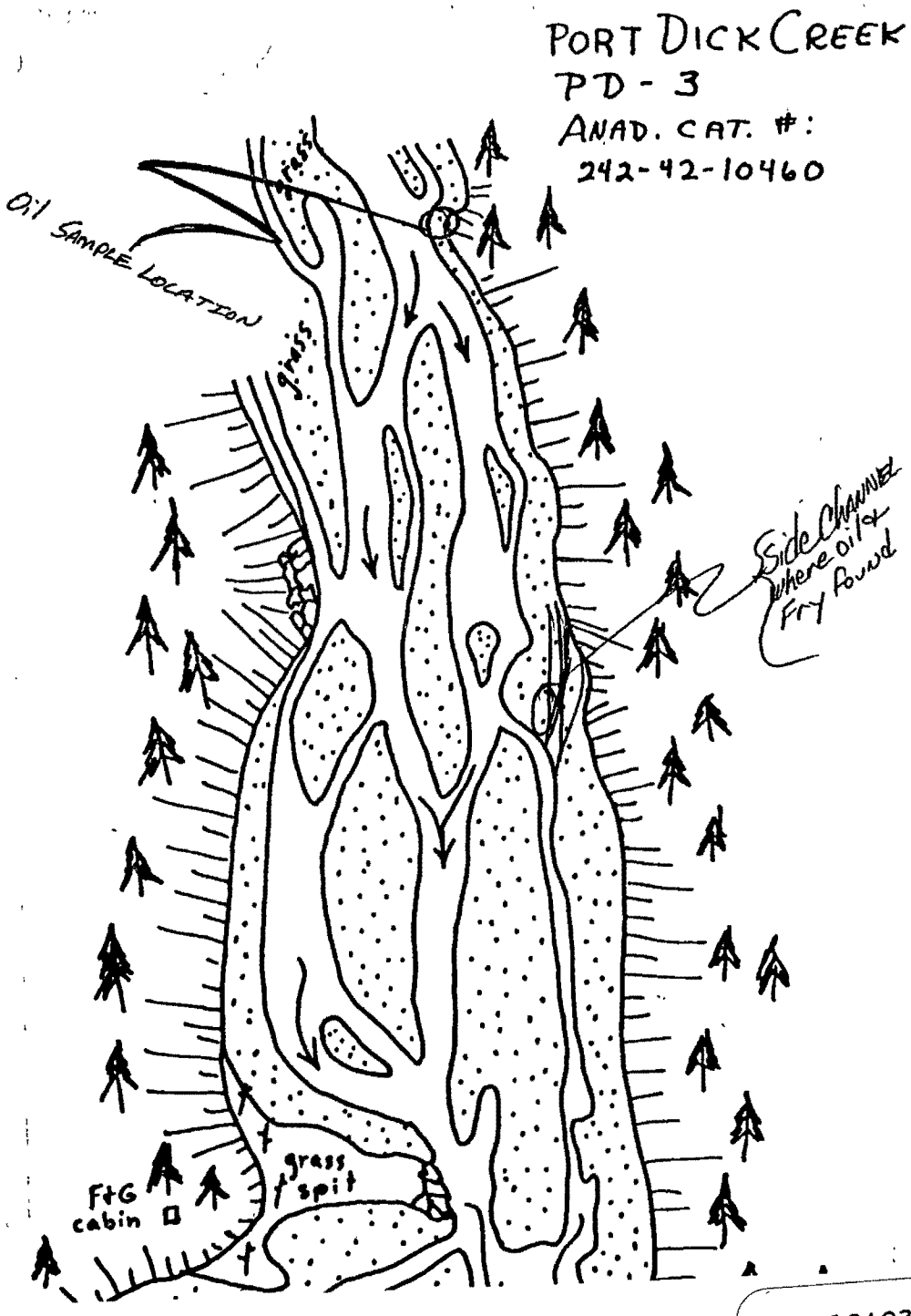
PINK FRY PRESENT

ACE 10493802 B +/S

46 PHOTOLOG

FRAME(S)	DESCRIPTION
23	SAMPLE# ODH-4/27/90-1100 - taken 900 meter upstream of Mouth
24	" " " " " "
25	Numerous chum fry observed in this channel - Patties of oil on shore + grass flat

46 OIL DISTRIBUTION DIAGRAM



= ...le taken
= Photo frame # and shot direction.

ACE 10493803 - 15

ANADROMOUS FISH STREAM EVALUATION

SEGMENT ST/PD-003 STREAM NO: 242-42-10460 DATE 4/29/90

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)
1J	Purse seine area (7/20 to 9/30)
4GA	State Marine Park Alaska State Wilderness Park
6U	Recreation: Tent sites (6/1 to 9/15)
6W	Recreation: Forest Service cabins (6/1 to 9/15)
6Y	Recreation: Special use destination
6NN	Recreation: Sportfishing
8AA	Sensitive estuary

See attached Ecological Constraint sheet for specific constraints and contacts.

SUBDIVISION ECOLOGICAL CONSTRAINTS:

Subject stream is located within subdivision A (1 of 1). No additional ecological constraints.

ARCHAEOLOGICAL CONSTRAINTS:

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

SHPO SIGNATURE: Rachel Jean Dew DATE: 5/22/90

Subsurface Oil Observed: Yes_____ No X Maximum Depth_____

RECOMMENDATIONS:

____No Treatment Recommended	____Snare/Absorbent Booms
____Treatment Recommended	____Oil Snares (pom poms)
X Manual Pickup	____Absorbents (pads,rolls,etc)
____Bioremediation	____Spot Washing:____Wands
____Tarmat Removal	____Beach Cleaner
	____Other (see comments)

COMMENTS: Recommend manual pick up of patties. Work should be scheduled in conjunction with work in PD002, 5/16 to 7/1.

TAG COMMENTS:

ACE 10493804 +15

TAG APPROVAL DATE: 5/18/90

ADEC Art Weiner Art Weiner

EXXON [illegible] [illegible]

NOAA Gary Petrone Gary Petrone

USCG G.A. Reiter G.A. Reiter

FOSC [signature] DATE: MAY 25 1990

9/18/90

ANADROMOUS FISH STREAM ASSESSMENT

REGION: KENAI

SEGMENT: PD-003

SUBDIVISION: A

STREAM NO: 242-42-10460

P/V mouse to

PWS, SEWARD AND HOMER ECOLOGICAL CONSTRAINTS

1A Salmon stream mouth - fry outmigration (3/1 to 5/15)
1B Salmon stream mouth - spawning (7/10 to 8/31)
No disturbance of stream bed or banks unless authorized by ADF&G. No beach flushing into stream drainage. No bioremediation or other chemical application within 100m of stream without authorization from ADF&G. No use of methods which might affect nearshore oil or toxicity levels, such as hot water wash or Inipol application, prior to at least July 1 unless authorized by ADF&G. Treatment which is not intrusive and which will not affect nearshore oil or toxicity levels, such as manual removal, can probably proceed without adherence to time constraints. In any case, contact ADF&G Habitat Division prior to treatment for consultation and/or permit application.
AGENCY CONTACT PERSON: ADF&G John Morison 267-2324

1C Salmon fry nursery area (4/31 to 7/31)
No use of methods which might affect nearshore oil or toxicity levels, such as hot water wash or Inipol application, prior to July 31 unless authorized by ADF&G. Treatment which will not affect nearshore oil or toxicity levels, such as manual or mechanical removal, can probably proceed without adherence to time constraints. Contact ADF&G prior to treatment for confirmation and advice.
AGENCY CONTACT PERSON: ADF&G Larry Peltz 424-3214

1D Esther Hatchery release (4/15 to 6/15)
1E Main Bay Hatchery release (4/20 to 6/15)
1F Sawmill Bay Hatchery release (4/15 to 6/1)
1G Cannery Creek Hatchery release (4/21 to 6/1)
1H Remote release site
No use of methods which might affect nearshore oil or toxicity levels, such as hot water wash or Inipol application, prior to at least July 1 unless authorized by ADF&G and/or PWS Aquaculture Association. Treatment which will not affect nearshore oil or toxicity levels, such as manual or mechanical removal, can probably proceed without adherence to time constraints. Contact ADF&G or PWS Aquaculture Association for confirmation and authorization.
AGENCY CONTACT PERSON: 1E ADF&G Larry Peltz 424-3214
1D 1F 1G PWS Aquaculture Association John McMillan or Bruce Suzomoto 424-7511

1I Gill net area (6/7 to 8/31)
1J Purse seine area (7/20 to 9/30)
1K Purse seine hook-off (7/20 to 9/30)
1L Set net sites (6/11 to 7/25)
Contact ADF&G for specific dates, locations and constraints. Restrict boat and air traffic to essential minimum. When set net sites are present (1L) restrict beach operations to essential minimum as authorized by ADF&G. If plans for treatment include methods such as hot water wash or Inipol application which might affect nearshore oil or toxicity levels, contact ADF&G for consultation and authorization.
AGENCY CONTACT PERSON: ADF&G James Brady 424-3212

2M Herring spawning (4/1 to 6/15)
Contact ADF&G for confirmation - dates and locations may vary. Restrict boat traffic to essential minimum. Avoid damage to unoiled intertidal and subtidal algae and seagrass. If plans for treatment include methods such as hot water wash or Inipol application which might affect nearshore oil or toxicity levels, contact ADF&G for consultation and authorization.
AGENCY CONTACT PERSON: ADF&G Evelyn Biggs 424-3235

3N, 3P Harbor seal and sea lion pupping (5/15 to 7/1)
3O, 3Q Harbor seal and sea lion molting (8/15 to 9/15)
Restrict boat and air traffic to essential minimum. No personnel within 400m. Aircraft to maintain 800m horizontal and 300m vertical distance from haulouts. No application of Inipol within two weeks of arrival dates (work window at these sites is limited to 7/2 to 7/31). Contact ADF&G and USFWS prior to treatment for confirmation.
AGENCY CONTACT PERSON: US National Marine Fisheries Service Steve Zimmerman 586-7235
ADF&G Don Calkins 267-2403

5R Seabird colony (5/1 to 9/1)
Restrict air and boat traffic to essential minimum. No personnel within 800m. Aircraft to maintain 800m horizontal, 300m vertical distance from colony. Contact USFWS prior to treatment.
AGENCY CONTACT PERSON: USFWS Jill Parker 786-3377

5S Shorebird/waterfowl concentration (4/1 to 5/15)
Restrict all activity to essential minimum, especially air traffic. Contact USFWS and ADF&G for confirmation.
AGENCY CONTACT PERSON: USFWS Jill Parker 786-3377
ADF&G Tom Rothy 267-2206

5T All Bald Eagle nests (3/1 to 6/1)
Active Bald Eagle nests (3/1 to 9/1)
Restrict air traffic and all disturbance to essential minimum. No personnel within 400m 3/1 to 6/1. Air approach and takeoff from and to seaward only; maintain 800m horizontal, 300m vertical distance from nests. Contact USFWS prior to treatment for confirmation of dates.
AGENCY CONTACT PERSON: USFWS Jill Parker 786-3377

6U Recreation: Tent sites (6/1 to 9/15)
6V Anchorages (6/1 to 9/15)
6W Forest Service cabins (6/1 to 9/15)
6X Lodge (6/1 to 9/15)
6Y Special use destination

7 Subsistence area: Salmon harvesting (5/1 to 9/30)
Finfish harvesting
Deer harvesting (8/15 to 2/28)
7JJ Invertebrate harvesting
Contact ADF&G and appropriate Native Corporation for specific dates, locations, and constraints. Restrict boat and air traffic and beach disturbance to essential minimum. If plans for treatment include methods such as hot water wash or application of Inipol which might affect intertidal or nearshore oil or toxicity levels, contact ADF&G and appropriate Native Corporation for authorization - see Native Corporation Contact List for each Native Corporation's contact person.
AGENCY CONTACT PERSON: ADF&G Jim Fall 267-2359

ACE 10493806

Memo

Date: 4/24/90

To: John Bauer

Through: Dick Mckean

From: Russell Kunibe, EFOII

Subject: SSAT surveys from PD-2 and PD-3

SSAT team # 17 completed surveys of PD-2 on 4/20/90 and of PD-3 on 4/21/90. These segments both included important anadromous streams. In both segments there were mousse patties around the base of grass clumps. New shoots of grass were growing through these mousse patties. In a short time the mousse patties will be obscured by the new growth of grass and pick up of the mousse will be difficult. This area needs immediate attention.

To pick up just the mousse patties in the grass would take a crew of 6 two days. Perhaps Exxon could be persuaded to send a crew out by helicopter to pick up this oil and store it on the beach until the work crews arrive after May 15, 1990 to work the rest of these segments.

Please expedite the STAG process so that these segments receive immediate attention.

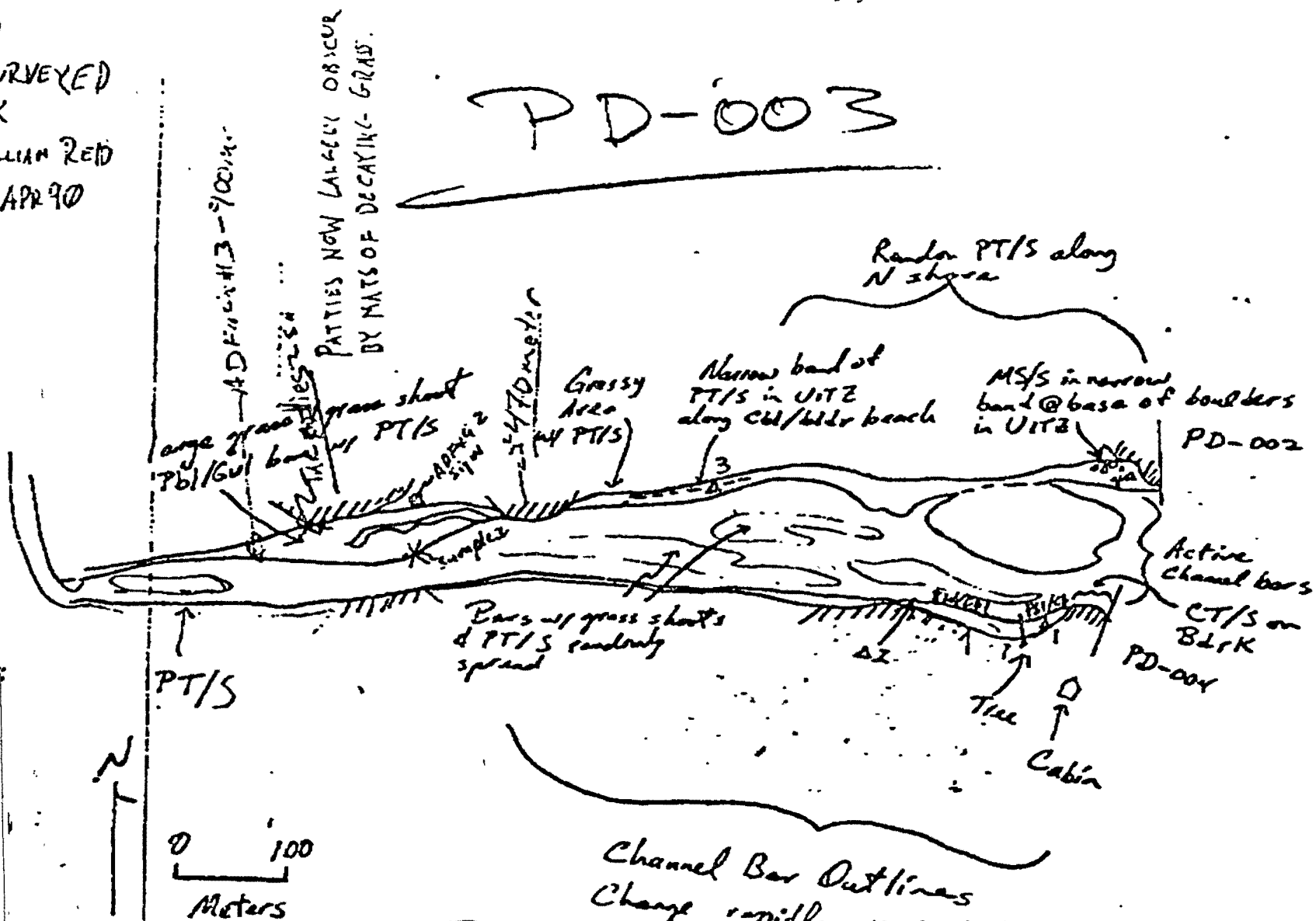
ENT STI PD-003

VISION ACOE

4/21/90

KLIST

SKETCH MAP

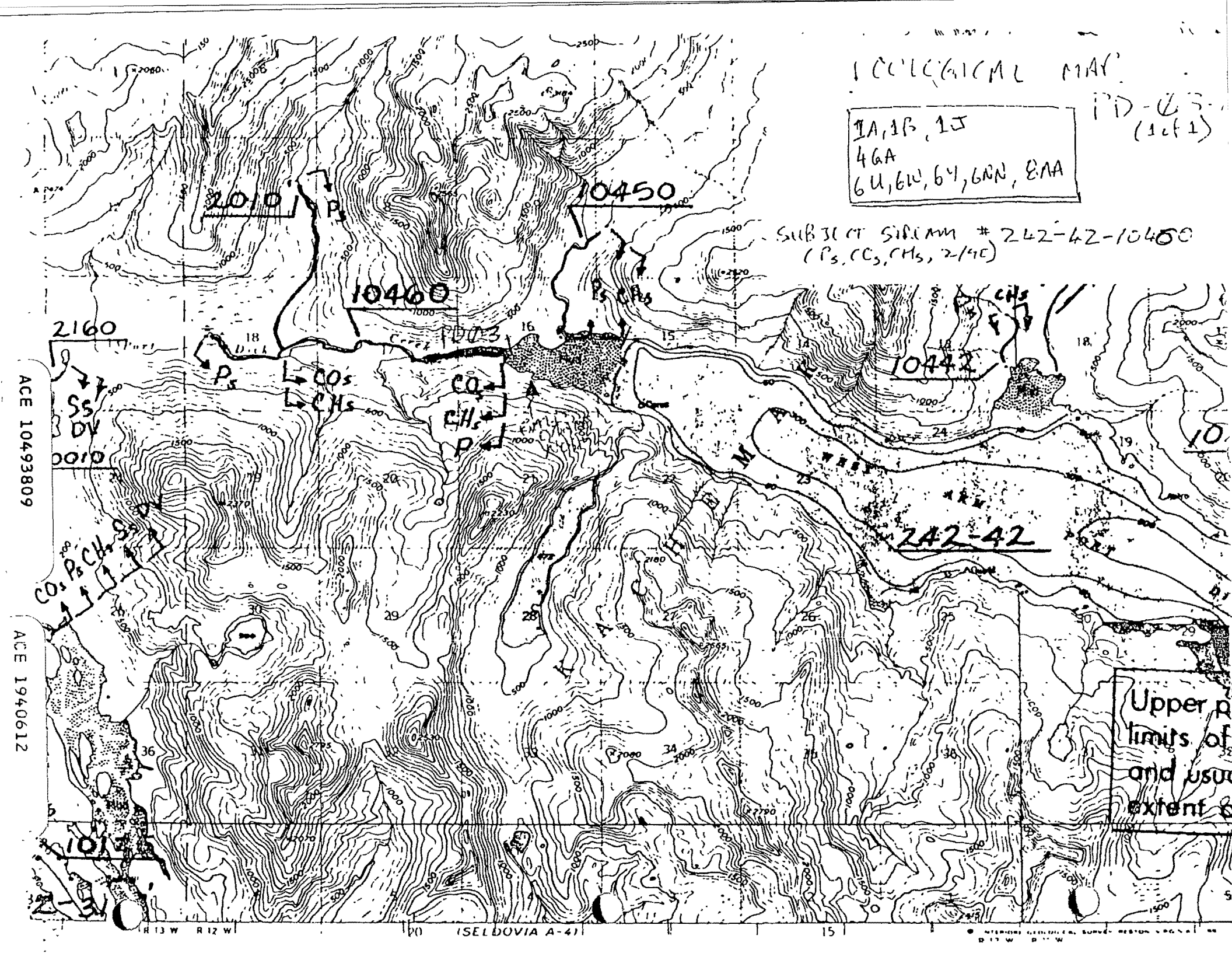


ACE 10493808

ACE 1940611

Length (m): AP____ PO____ CV____ CT 151 ST____ MS 5 PT 700 TB____ FL____ NO 900

APR-30-90 MON 10:21 P.04


ECOLOGICAL MAP
1A, 1B, 1J
4GA
6U, 6W, 6Y, 6NN, 8MA
SUBJECT STREAM # 242-42-10460
(Ps, CCs, CHs, 2/4C)
10450
2010
10460
2160
10442
242-42
Ps
CCs
CHs
Upper
limits
and
extent
ACE 10493809
ACE 1940612
R 13 W
R 12 W
(SELDOVIA A-4)

4/21

FIELD SHORELINE COMMENT SHEET

SEGMENT ST / PD-3 SUBDIVISION: DATE 4/29/90

USCG
NAME CWO MCMAHON SIGNATURE

☐ NO TREATMENT RECOMMENDED ☒ TREATMENT SUGGESTED
COMMENTS

1. MANUAL CLEAN-UP; REMOVE TAR PATTIES

(SEE NOTE PD-2 4/29/90)

~~ADF&G~~
~~ADEC~~
NAME Doug Hill SIGNATURE Douglas D Hill

☐ NO TREATMENT RECOMMENDED ☒ TREATMENT SUGGESTED
COMMENTS

Recommend Manual pickup and removal of patties found ~~distrib~~ distributed amongst the grass flats - as well as the patties found on the north shore (see Attached maps).

Rapid rate of vegetation growth requires that oil be picked up as soon as possible — now!

LAND MANAGER
NAME SIGNATURE

☐ NO TREATMENT RECOMMENDED ☐ TREATMENT SUGGESTED
COMMENTS

ACE 10493810

ACE 1940613

REVISION NO. 03-21-90

5/24

ADF&G MULTI-ASSESSMENT DATA FORM ANADSCAT

1 SURVEY TYPE: BS (SS) DS TS AVS SCHA HHS PTA — 2 REGION: PWS (KP, CI) KAP

METHOD: Aerial Ground Boat

3 DATE: 4/29/90 — 15 HIGH TIDE TIMES: ~~1200~~ 1650 / — 21 TEAM RECORDER: Gus GARCIA (Exxon) William Reid (W/C)

4 START TIME: 1338 — 16 HIGH TIDE HTS: 12.8 / — 22 OBSERVERS: Mike Faucett (W/C) John McMahon (USC)

5 STOP TIME: 1445 — 17 LOW TIDE TIMES: 1140 / ~~1800~~ — 23 AGENCY: Doug Hill (ADF&G)

6 SEGMENT #: PD-003 — 18 LOW TIDE HTS: -1.5 / — 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: 242-42 — 20 USCG QUAD: — Start: — End:

10 LAT: 59°17'06" — 11 LONG: 151°16'06"W — 26 SAMPLES TAKEN? Y (N) Number

12 SOURCE: Map (Loran) — Oil

13 LOCATION: AFS#242-42-10460 — Sediment

14 DESCRIPTION: HEAD of Port Dick-Grass & tide flats, stream bank — Biological

~~DH End lagoon area at North west portion of Creek mouth~~ EXTENT OF OIL — Water

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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? 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 ____ Gravel ____ Sand ____ Mud/silt ____

36 CATALOGED ANAD. FISH STREAM? (Y) N

37 CATALOG #: 242-42-10460

38 STREAM NAME: PORT Dick Crk

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: PD-1, 2, 4

43 ANADROMOUS FISH PRESENT? Y (N)

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Chum		100
Pink		25

DEAD ON Stream BANK

ACE 10493811

ACE 1940614

Priority Cleanup AREA - ADF&G (Doug Hill)

COMMENTS: Recommendation: Preferable to get a crew into this Area "As Soon As Possible" due to the growth of vegetation which will, in a short period of time, greatly impair locating the numerous tarballs and patties - many of which are already becoming concealed by grass and beach greens - Oil found

Like the AREA 4 ed NOW!

PD-003 46 PHOTOLOG Port Dick Creek 6/21

242-~~42~~42-10460 Homer Zone

FRAME(S) DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

Would also like to stress the preference to remove the oil in PD 001, 002, and 004 which poses a potential threat to this system - this oil is oriented such that it could possible be washed into Pt. Dick Crk

A portion of PD-001 was treated with Inipol (a large Asphalt mat - which we would like removed ASAP).

- MANUAL Pick up and removal is recommended.
- Port Dick Creek is ~~Salt~~ Coho, Chum and Pink Salmon Stream. Numerous Chum fry were observed on recent surveys. Pink fry found dead on banks of stream on 4/29/90 (Approx. 30).
- This stream is also used by migratory waterfowl
- Mussel beds are present at the mid to lower intertidal portion of this Stream.
- BALD Eagles frequent Pt. Dick Creek.

I agree with recommendations. Michael H Faure

ACE 10493812 ACE 1940615

- AN ADF&G observer ~~should~~ will be present during the cleanup operation

= Sample taken
= Photo frame # and shot direction.

OPERATIONS FIELD NOTES

See Back for Instructions

SEGMENT ID PD-003
STREAM ID # 242-42-10460
ANNOTATED MAP INCLUDED (Y) / N

DATE 4-29-90
NAME GARCIA
TEAM # 15

SURFACE OIL	Quantities in Meters			Treatment Recommendation						
					Bioremediation		Tilling		Spot Hot Water	
	Length	Width	Area	None	Y/N	% Treat	Y/N	% Treat	Y/N	% Treat
Wide Band		NONE								
Medium Band										
Narrow Band										
Very Light										
		TOTAL MANDAYS				0		0		0

SUBSURFACE OIL – NONE

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	REFER TO ATTACHED MAP					✓			20

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	NONE							
"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 0 % of the Supratidal Zone?

Wave Exposure H/M/(L)

Access Limitations: TAR PATTIES LOCATED WITHIN VEGETATION AREA

Snare Boom/Pom Poms Recommended? NO

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

COMMENTS:

ACE 10493813

THE ONLY TREATMENT RECOMMENDED FOR THIS STREAM IS THE MANUAL REMOVAL OF SCATTERED TAR PATTIES AS INDICATED ON THE ATTACHED MAP. IT IS RECOMMENDED THAT THE WORK ON THIS STREAM BE DONE AS SOON AS POSSIBLE BECAUSE A LARGE PERCENTAGE OF THE TAR PATTIES ARE LOCATED WITHIN RAPIDLY GROWING VEGETATION.

ACE 1940616

APR-19-1990 14:35 FROM EXXON SCAT

ANADSCAT

Y21

TO: DAN DELAPINA FAX NO. 907 564-3771 RCV'D 4/30/90 TEAM NO. 15

FROM: GUS GARCIA LOCATION: HOMER

PHONE NO: 235-6444 FAX NO. 235-5963

DATE: 4-30-90 TIME:

NUMBER OF PAGES SENT INCLUDING FRONT COVER PAGE:

SSAT PACKAGE CHECK LIST:

SEGMENT NO.	STREAM #	OG	SKETCH	ADF&G Form	FIELD SHORELINE COMMENTS SHEET	Bio Notes	OPS
ST-PD-003	242-42-10460	✓	✓	✓	✓	✓	✓
ST-PD-002	242-42-10450	✓	✓	✓	✓	✓	✓
ST-							
ST-							
ST-							

PLEASE LIMIT 30 PAGES PER TRANSMISSION

COMMENTS: TOMORROWS PRIMARY SEGMENTS - —

TOMORROWS ALTERNATE SEGMENTS -

THESE TWO STREAMS WERE PREVIOUSLY SURVEYED BY THE SSAT TEAM AND WE FULLY AGREE WITH THEIR DATA.

PRIMARY CONTACT:
Jack Rickner 564-3669
Tom Kelley 564-3731

SCAT SECRETARY - SANDY MOELLER-RIKARD @ 564-3660

IF ANY PROBLEMS WITH THIS TRANSMISSION PLEASE CONTACT MARY OLSON AT PHONE NUMBER 235-6444.

EXXON - SCAT
3301 "C" STREET, SUITE 508
ANCHORAGE, ALASKA 99503
907-564-3660
FAX: 564-3771

ACE 10493814

ACE 1940617

4

4-19-90

SHORELINE OILING SUMMARY (ANAD.) 7/21 REVISION NO. 04/1

OG William Reid USCG McMahon SEGMENT ST/ PD003
BIO Michael Fawcett LAND REP _____ STREAM 242-42-104501 OF _____
EXXON Gus Garcia ADFG ~~Mike Webber~~ Doug H.II TIME 13:00 to 14:45
TEAM NO. 15 TIDE LEVEL _____ DATE 29 / APR / 90
EST. SUBDIVISION LENGTH: 650 m ☐ Sun ☒ Clouds ☐ Fog ☐ Rain ☐ Snow
UPLANDS DESCRIPTION: ☐ Grass ☒ Forest ☒ Rock _____
SURVEYED FROM: ☒ Foot ☐ Boat ☐ Helo
SURFACE SEDIMENTS: R ____ % B 2 % C 18 % P 50 % G 30 % S ____ % M ____ % V ____
SLOPE: Lang 95 % Hang <5 % Vert ____ % WAVE EXPOSURE: ☒ Low ☐ Med ☐ High
OIL CATEGORY LENGTH: W ____ m M 500 m N ____ m VL ____ m NO 150 m

SURFACE OIL

CHARACTER	DISTRIBUTION /C	/S	/P	/S	OIL / FILM COLOR SHN FW	DRK FW	GY SL	DKBR TL	LBR	IMPACTED ZONES SU	UI	MI	LI
ASPHALT PAVEMENT													
POOLED													
COVER													
COAT				X		X					X		
STAIN													
MOUSSE				X				X			X		
PATTIES				X				X			X	X	
TARBALLS													
FILM													
NO OIL													

PAVEMENT H F S ____ sq. m by ____

PATTIES / TARBALLS ____ BAG

NEAR SHORE SHEEN? (NO) BR RW SL TL

OILED DEBRIS	AMOUNT SM	MD	LG
Logs			
Vegetation			
Trash			
Debris			

Did you collect DEBRIS ☐ YES ☒ NO

TYPE ____

#BAGS ____

Photographs:

Roll No. AS-15-7

Frames 15-19

SUBSURFACE OIL

PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER OP	OR	OL	OF	NO	OILED INTERVAL (CM-CM)	BELOW UO	UC	OIL / FILM COLOR SHN BR	DRK FW	GY SL	DKBR TL	LBR	PIT ZONE SU	UI	MI	LI	ANA	SHEEN (Y/N)		SURFACE SUBSURFAC SEDIMENTS
							-															
							-															
							-															
							-															
							-															
							-															

COMMENTS

ACE 10493815

REVIEWED ____ DATE ____

ACE 1940618

8/21

SSAT DATA ENTRY FORM

PAGE 1 OF 2

GENERAL DATA

SEG ID: PD 003 SUBDIV: 242-42-10450 TEAM: AS-15 SURVEY DATE: 4/29/90
PAVEMENT: CHAR — AREA 0 THICKNESS 0 TARBALLS 0
OILED: LGS — VEG — TRH — DBR — WAVE EXP: LW X MD — HG —
FAX RCVD: ______ DT: ______ AGENCY DISAGREE: ______
EST SUBDIV LGTH: 650 OIL CATEGORY: W 0 M 500 N 0 VL 0 NO 150 U 0

SURFACE DATA

SURFACE SEDIMENT: BRK 0 BLD 2 COB 18 PEB 50 GRN 30 SAN 0 MUD 0 VEG 0

CHAR #: 1 OIL CHAR: MS OIL DIST: CONT — BRKN — PTCH — SPLH X
OIL CLR: DBR FILM CLR: — TIDAL ZONE: SU — UI X MI — LI —

CHAR #: 2 OIL CHAR: PT OIL DIST: CONT — BRKN — PTCH — SPLH X
OIL CLR: DBR FILM CLR: — TIDAL ZONE: SU — UI X MI X LI —

CHAR #: 3 OIL CHAR: CT OIL DIST: CONT — BRKN — PTCH — SPLH X
OIL CLR: DBL FILM CLR: — TIDAL ZONE: SU — UI X MI — LI —

CHAR #: ____ OIL CHAR: ____ OIL DIST: CONT ____ BRKN ____ PTCH ____ SPLH ____
OIL CLR: ____ FILM CLR: ____ TIDAL ZONE: SU ____ UI ____ MI ____ LI ____

CHAR #: ____ OIL CHAR: ____ OIL DIST: CONT ____ BRKN ____ PTCH ____ SPLH ____
OIL CLR: ____ FILM CLR: ____ TIDAL ZONE: SU ____ UI ____ MI ____ LI ____

CHAR #: ____ OIL CHAR: ____ OIL DIST: CONT ____ BRKN ____ PTCH ____ SPLH ____
OIL CLR: ____ FILM CLR: ____ TIDAL ZONE: SU ____ UI ____ MI ____ LI ____

CHAR #: ____ OIL CHAR: ____ OIL DIST: CONT ____ BRKN ____ PTCH ____ SPLH ____
OIL CLR: ____ FILM CLR: ____ TIDAL ZONE: SU ____ UI ____ MI ____ LI ____

CHAR #: ____ OIL CHAR: ____ OIL DIST: CONT ____ BRKN ____ PTCH ____ SPLH ____
OIL CLR: ____ FILM CLR: ____ TIDAL ZONE: SU ____ UI ____ MI ____ LI ____

9/21

SSAT DATA ENTRY FORM

SUBSURFACE DATA

PAGE 2 OF 2

SEGMENT ID: PD003 SUBDIV: 242-42-10450

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___
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___
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: No pits dug. See SSAT report for this segment.

Segment PD 003
Stream No. 242-42-10460
Ecological summary

4/29/90
Michael Fawcett

This large braided stream has an intertidal portion nearly 1 km long, consisting of mobile gravel/pebble sediments. A few grassy patches occur along the edges of the floodplain. The banks of the floodplain consist mostly of boulders, cobble, and pebbles. Little or no attached marine biota occurs beyond 200 m upstream from the ADF&G cabin. Below the cabin there are extensive beds of Fucus, mussels, and clams similar to those in the adjacent segment PD 002. Remaining oil consists of sporadic small tar mats and bits of pavement along the north bank, mostly upstream from the cabin. Manual removal is recommended. There are no ecological constraints re: inter biota.

ACE 10493818 - 15

Pink and chum salmon fry were found swim in small side channels, and a number of dea fry of both species were found stranded in a gra area and on a pebble bank. These appeare to have died after being stranded by the rece tide.

ACE 1940621 - 13

Michael Fawcett

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2424210460
SEGMENT: PD003

PAGE 20 DATE PRINTED: 07/25/91

LOCATION: PORT DICK

SURVEY TYPE: 90 ANADSCAT - SS OK SORRY SS S METHOD: ~~GROUND~~ FOOT

DATE: 04/29/90 TEAM RECORDER: -0- Hill, Reid

START TIME: 1332 OBSERVERS: -0- Garcia, Fawcett, McMahon
END TIME: 1450

TIDES: FLOOD AGENCY: FG EXX USCG
OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: N

STATION: 2424210460 ROLL#: -0-
FRAME: -0-

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

SAMPLES TAKEN: N

SAMPLE NUMBERS: -0- -0-

-0- -0-

-0- -0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: L OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: LOW SHORELINE TYPE: BEACH LAGOON

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 20 VEGETAT -0-

GRAVEL 70 SAND 10 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: Y

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

ACE 10493819 +15

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

DATE PRINTED: 07/26/91

STREAM# : 2424210460
SEGMENT#: PD003

SURVEY TYPE : 90 ANADSCAT - SS LOCATION: PORT DICK
DATE: 04/29/90
TIMES: 1332 - 1450 TEAM RECORDER: -0-

-- 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-	MS TP ST SO

COMMENTS:
~~CHUM FRY PRESENT~~. SURVEYED THE ENTIRE SEGMENT. NOTING OIL PATTIES SCATTERED IN THE GRASS FLATS AND ON THE GRAVEL PORTION OF THE FLATS. I GAVE THE OG THE MAP I HAD IN ORDER TO SPEED THINGS UP. CHUM FRY OBSERVED IN SLOUGH THAT RUNS THROUGH GRASS COVERED BAR. AREA NEEDS TO BE CLEANED ASAP, BEFORE THE RAPID VEGETATION GROWTH CONCEALS THE OIL PRESENT. GUS GARCIA (EXXON) AGREES. ONLY TWO SURVEYS WERE COMPLETED TODAY. UPON RETURNING TO HOMER GUS GARCIA (EXXON), WILLIAM REID (OG), MIKE FAUCETT AND I MET TO COMPLETE SURVEY WRITE-UPS. WE ALSO DISCUSSED THE POSSIBILITY USING ALREADY COMPLETED ADF&G SURVEYS/MAPS AND SSAT INFO IN LIEU OF REPEATING STREAM SURVEYS WHICH HAVE ALREADY BEEN COMPLETED. THE SSAT TEAM SURVEYED ALL ANAD STREAMS EXCEPT BLACK LAGOON AND THE LAGOON OF CHUGACH BAY CREEK. ADF&G HAS THOROUGHLY SURVEYED ALL ANADSTREAMS AND ADDED OIL LOCATIONS TO SSAT MAPS WHERE INFO MISSING. IF DARYL YOES (EXXON) ACCEPTS EXISTING ADF&G INFO AND LEE GLENN AND I ACCEPT THE SSAT INFO. WE WILL NOT REPEAT WHAT HAS ALREADY BEEN DONE. GUS GARCIA (EXXON) AND THE OTHER ANADSCAT MEMBERS ARE CONFIDENT THAT HOMER OSRC/ADF&G INFO IS FAIR AND CORRECT. LEE SPOKE WITH DARYL AND TOMORROW WE WILL SIGN EACH OTHER OFF AND THE ANADSCAT TEAM WILL CONTINUE ON TO KODIAK. STREAMS NOT SURVEYED BY THE ANADSCAT TEAM WERE DRY LABLED. EXXON ACCEPTED LEE'S AND MY TREATMENT RECOMMENDATIONS. (ACCEPTED ON PAPER - WE'LL SEE WHAT HAPPENS ON THE BEACH).

LABBED.

ACE 10493820 - S

ANADSCAT - 1999

Port Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

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

METHOD: Aerial (Ground) Boat

3 DATE: 4/29/90 16 HIGH TIDE TIMES: 0552 / 1941 21 TEAM RECORDER: _____

4 START TIME: 1332 16 HIGH TIDE HTS: 12.5 / 10.1 22 OBSERVERS: ANADSCAT Team

5 STOP TIME: 1450 17 LOW TIDE TIMES: 1145 / 2243 23 AGENCY: ADF&G, EXXON, USCG

6 SEGMENT #: PD-3 18 LOW TIDE HTS: -1.5 / 3.9 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: Seldovia B-4 Start: _____ End: _____

10 LAT: 59 18 36 11 LONG: 151 18 52 26 SAMPLES TAKEN? Y (N) Number

12 SOURCE: Map Loran Oil _____

13 LOCATION: KP, OC, West Arm Port Dick Sediment _____

14 DESCRIPTION: Head of west Arm, Intertidal flats Biological _____

EXTENT OF OIL Water _____

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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? (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 20 Gravel 70 Sand 10 Mud/silt _____

36 CATALOGED ANAD. FISH SREAM? (Y) N

37 CATALOG #: 242-42-10160

38 STREAM NAME: Port Dick Creek

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: PD 1-2-3

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Chum fry		X

COMMENTS: Surveyed the entire segment. Noting oil patties scattered in the grass flats & on the gravel portion of the flats. I gave the OC the map I had in order to speed things up.

ACE 10493821 +/5

Chum fry observed in slough that runs through grass covered area. Area needs to be cleaned ASAP, before the rapid vegetation growth conceals the oil present → EXXON/(Gus Garcia) agrees. Only two over

45 PHOTOLOG

FRAME(S)	DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

Surveys were completed today.

Upon returning to Homer Gus Garcia (EXXON), William Reid (OG), Mike Faucett & I (Doug Hill) met to complete survey write ups. We also discussed the possibility using already completed AOF&G surveys/maps and SSAT info in lieu of repeating stream surveys which have already been completed. The SSAT team surveyed all ANAD streams except Black Lagoon & the lagoon of Chugach Bay creek. AOF&G has thoroughly surveyed all ANAD streams & added oil locations to SSAT maps where info missing. If Daryl Yoes (EXXON) accepts existing AOF&G info & Lee Clinkenbeard (AOF&G) accept the SSAT info. We will not repeat what's already been done.

Gus Garcia (EXXON) & the other ANAOSCAT members are confident that Homer OSRL/AOF&G info is fair & correct.

Lee spoke w/Daryl and tomorrow we'll sign each other off & the ANAOscat team will continue on to Kodiak.

Streams not surveyed by the ANAOSCAT team were dry (abbd. EXXON accepted Lee's & my treatment recommendations. (ACCEPTED ON PAPER - we'll see what happens on the beach).

* — See 1990 field log for further info

= Sample taken
= Photo frame # and shot direction.

- Recommendations made in ANADSCAT Report

ADF&G MULTI-ASSESSMENT DATA FORM ANADSCAT

1 SURVEY TYPE: BS (SS) DS TS AVS SCHA NIGHS PTA 2 REGION: PWS (KP,Ci) K,AP

METHOD: Aerial Ground Boat

3 DATE: 4/29/90
4 START TIME: 1338Z
5 STOP TIME: 1450
6 SEGMENT #: PD-003
7 STATION #:
8 K-UNIT:
9 STAT AREA: 242-42
10 LAT: 59°17'06"
11 LONG: 151°16'06"W
12 SOURCE: Map (Loran)
13 LOCATION: AFS#242-42-10460
14 DESCRIPTION: HEAD of Port Dick-Grasse tide flats, stream bank ~~and lagoon area at North west portion of Creek mouth~~ DH EXTENT OF OIL

15 HIGH TIDE TIMES: 1650 /
16 HIGH TIDE HTS: 12.8 /
17 LOW TIDE TIMES: 1140 /
18 LOW TIDE HTS: -1.5 /
19 TIDE HT AT SURVEY:
Ebb (Slack) (Flood) Slack

20 USCG QUAD: Seldovia B-4

21 TEAM RECORDER: Gus GARCIA (Exxon) William Reid (W/C)
22 OBSERVERS: Mike Faucett (W/C) John McMahon (USCG)
23 AGENCY: Doug Hill (ADF&G)
24 PHOTOS TAKEN: Y (N)
Roll #: Frame:
25 VIDEO TAKEN: Y (N) TAPE#:
Start: End:
26 SAMPLES TAKEN? Y (N) Number
Oil
Sediment
Biological
Water

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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? 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 Gravel Sand Mud/silt

36 CATALOGED ANAD. FISH STREAM? (Y) N
37 CATALOG #: 242-42-10460
38 STREAM NAME: Port Dick Crk
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: PD#1, 2, 4
43 ANADROMOUS FISH PRESENT? Y (N)

ACE 10493823

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Chum		100
Pink		25 — DEAD on stream BANK

ACE 1940625

Priority Cleanup AREA - ADF&G (Doug Hill)

COMMENTS: Recommendation: Preferable to get a crew into this Area "As Soon As Possible" due to the growth of vegetation which will, in a short period of time, greatly impair locating the numerous tarballs and patties - many of which are already becoming concealed by grass and beach greens - Oil found on stream banks and throughout the grass flats (light oiling). OVER

Would like this Area cleaned NOW!

PD-003

45 PHOTOLOG Port Dick Creek

242-~~42~~42-10460 Homer Zone

FRAME(S) DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

Would also like to stress the preference to remove the oil in PD 001, 002, and 004 which poses a potential threat to this system - this oil is oriented such that it could possible be washed into Pt. Dick Crk. A portion of PD-001 was treated with Inipol (a large Asphalt mat - which we would like removed ASAP).

- MANUAL Pick up and removal is recommended.
- Port Dick Creek is ~~salta~~ → Coho Chum and Pink Salmon stream. Numerous chum fry ~~were~~ observed on recent surveys. Pink fry found dead on banks of stream on 4/29/90 (Approx. 30).
- This stream is also used by migratory waterfowl
- Mussel beds are present at the mid to lower intertidal portion of this stream.
- BALD Eagles frequent Pt. Dick Creek.

I agree with recommendations. Michael H Faure

ACE 10493824 - 15 ACE 1940626

- AN ADF&G observer will ~~should~~ be present during the cleanup operation

ADF&G Douglas D Hall

= Sample taken
= Photo frame # and shot direction.

ANADSCAT - 1990 !!!!!

Port Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: (MS) SS DS TS AVS SCHA MMHS PTA 2 REGION: PWS (KP,C) K,AP

METHOD: Aerial (Ground) Boat

O.K.

3 DATE: 4/29/90 16 HIGH TIDE TIMES: 0552 / 1941 21 TEAM RECORDER: Gus Garcia, Mike Fawcett, William Reid

4 START TIME: 1332 16 HIGH TIDE HTS: 12.5 / 10.1 22 OBSERVERS: ANADSCAT Team + Mike McMahon

5 STOP TIME: 1450 17 LOW TIDE TIMES: 1145 / 2243 23 AGENCY: ADF&G, EXXON, USCG

6 SEGMENT #: PD-3 18 LOW TIDE HTS: -1.5 / 3.9 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: Seldovia B-4 Start: End:

10 LAT: 59 18 36 11 LONG: 151 18 52 26 SAMPLES TAKEN? Y (N) Number

12 SOURCE: Map Loran Oil

13 LOCATION: KP, OC, West Arm Port Dick Sediment

14 DESCRIPTION: Head of west Arm, Intertidal Flats Biological

EXTENT OF OIL Water

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
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) MS TP ST SOR

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 20 Gravel 70 Sand 10 Mud/silt

36 CATALOGED ANAD. FISH STREAM? (Y) N

37 CATALOG #: 242 42 10460

38 STREAM NAME: Port Dick Creek

39 OIL IN STREAM BED? Y (N)

40 OIL ON STREAM BANKS? (Y) N

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

42 OIL WITHIN 1 MILE OF STREAM? (Y) N

Where: PD 1-2-3

43 ANADROMOUS FISH PRESENT? (Y) N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Chum fry		X

ACE 10493825

Chum fry present

COMMENTS: Surveyed the entire segment. Noting oil patties scattered in the grass flats & on the gravel portion of the flats. I gave the OC the map & I had to in order to speed things up.

Chum fry observed in slough that runs through grass covered bar. Area needs to be cleaned ASAP, before the rapid vegetation growth conceals the oil present → EXXON (Gus GARCIA) agrees. Only two oils

46 PHOTOLOG

FRAME(S)	DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

Surveys were completed today.

Upon returning to Homer Gus Garcia (Exxon), William Reid (OG), Mike Fawcett & I (Doug Hill) met to complete survey write ups. We also discussed the possibility using Already completed AOF&G surveys/maps and SSAT info in Lieu of repeating stream surveys which have already been completed. The SSAT team surveyed all ANAS streams except Black Lagoon & the lagoon of Chugach Bay creek. AOF&G has thoroughly surveyed all ANAO streams & added oil locations to SSAT maps where info missing. If Daryl Does (Exxon) accepts existing ADF&G info & Lee Glenn & I (ADF&G) accept the SSAT info. We will not repeat what's already been done.

Gus Garcia (Exxon) & the other ANAOSCAT members are confident that Homer OSRL/AOF&G info is fair & correct.

Lee spoke w/ Daryl and tomorrow we'll sign each other's OH & the ANAOscat team will continue on to Kodiak.

Streams not surveyed by the ANAOSCAT team were dry labbed. Exxon accepted Lee's & my treatment recommendations. (ACCEPTED ON PAPER - we'll see what happens on the beach).

* See 1990 field log for further info

= Sample taken
= Photo frame # and shot direction.

ACE 10493826

5/24

ADF&G MULTI-ASSESSMENT DATA FORM ANADSCAT

1 SURVEY TYPE: BS (SS) DS TS AVS SCHA HHIS PTA — 2 REGION: PWS (KP,CI, K,AP

METHOD: Aerial Ground Boat

3 DATE: 4/29/90 — 15 HIGH TIDE TIMES: ~~1230~~ 1650 / — 21 TEAM RECORDER: Gus GARCIA (Exxon William Reid (W/C)

4 START TIME: 1338 — 16 HIGH TIDE HTS: 12.8 / — 22 OBSERVERS: Mike Faucett (W/C John McMahon (USC

5 STOP TIME: 1445 — 17 LOW TIDE TIMES: 1140 / [redacted] — 23 AGENCY: Doug Hill (ADF&

6 SEGMENT #: PD-003 — 18 LOW TIDE HTS: -1.5 / — 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: 242-42 — 20 USCG QUAD: — Start: End:

10 LAT: 59°17'06" — 11 LONG: 151°16'06"W — 26 SAMPLES TAKEN? Y (N) Number

12 SOURCE: Map (Loran) — Oil

13 LOCATION: AFS#242-42-10460 — Sediment

14 DESCRIPTION: HEAD of Port Dick-Grassy tide flats, stream bank DOH ~~End lagoon area at North west portion of Creek mouth~~ EXTENT OF OIL — Biological

Water

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

36 CATALOGED ANAD. FISH STREAM? (Y) N

37 CATALOG #: 242-42-10460

38 STREAM NAME: PORT Dick Crk

30 OVERALL OIL IMPACT: N VL L M H

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)

31 OIL TYPE: Pooled Mousse (Tar) Asphalt (Sticky) (Stain)

42 OIL WITHIN 1 MILE OF STREAM? (Y) N

32 OILED DEBRIS? Y (N)

Where: PD#1, 2, 4

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

43 ANADROMOUS FISH PRESENT? Y (N)

34 WAVE EXPOSURE: High Moderate (Low) ACE 10493827 1/5

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Chum		100
Pink		25 — DEAD ON Stream BAN

ACE 1940635 1/3

35 SUBSTRATE TYPE: Bedrock Boulder Cobble

Gravel Sand Mud/silt

Priority Cleanup AREA- ADF&G (Doug Hill)

COMMENTS: Recommendation: Preferable to get a crew into this Area "As Soon As Possible" due to the growth of vegetation which will, in a short period of time, greatly impair locating the numerous tarballs and patties - many of which are already becoming concealed by grass and beach greens - Oil found on stream banks and throughout the grassflats (light oiling) OVE

Would Like to AREA 4 Viewed NOW!

PD-003

46 PHOTOLOG Port Dick Creek 6/21

242-~~42~~42-10460

FRAME(S)

Homer Zone

DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

Would also like to stress the preference to remove the oil in PD 001, 002, and 004 which poses a potential threat to this system - this oil is oriented such that it could possible be washed into Pt. Dick Crk. A portion of PD-001 was treated with Inipol (a large Asphalt mat - which we would like removed ASAP).

- MANUAL Pick up and removal is recommended.
- Port Dick Creek is ~~both~~ Coho chum and Pink salmo stream. Numerous chum fry were observed on recent surveys. Pink fry found dead on banks of stream on 4/29/90 (Approx. 30).
- This stream is also used by migratory waterfow
- Mussel beds are present at the mid to lower intertidal portion of this stream

ACE 10493828

- BALD Eagles frequent Pt. Dick Creek.

I agree with recommendations. Michael H Faure

ACE 1940636

- AN ADF&G observer will ~~should~~ be present during the cleanup operation

ADF&G Douglas W Hall

= Sample taken
= Photo frame # and shot direction.

SHORELINE OILING SUMMARY (NAD.) 7/21 REVISION NO. 04/1

OG William Reid USCG McMahon SEGMENT ST/ PD003
BIO Michael Fawcett LAND REP _____ STREAM 242-42-10450 OF _____
EXXON Gus Garcia ADFG ~~Pete Weimer~~ Doug Hill TIME 13:00 to 14:45
TEAM NO. 15 TIDE LEVEL _____ DATE 29 / APR / 90
EST. SUBDIVISION LENGTH: 650 m ☐ Sun ☒ Clouds ☐ Fog ☐ Rain ☐ Snow
UPLANDS DESCRIPTION: ☐ Grass ☒ Forest ☒ Rock _____
SURVEYED FROM: ☒ Foot ☐ Boat ☐ Helo
SURFACE SEDIMENTS: R ____ % B 2 % C 18 % P 50 % G 30 % S ____ % M ____ % V ____
SLOPE : Lang 95 % Hang 5 % Vert ____ % WAVE EXPOSURE: ☒ Low ☐ Med ☐ High
OIL CATEGORY LENGTH: W ____ m M 500 m N ____ m VL ____ m NO 150 m

SURFACE OIL

CHARACTER	DISTRIBUTION /C	/B	/P	/S	OIL / FILM COLOR SRL/BR	DRL/RW	GY/SL	DKR/TL	LBR	IMPACTED ZONES SU	UI	MI	LI
ASPHALT PAVEMENT													
POOLED													
COVER													
COAT				X		X					X		
STAIN													
MOUSSE				X				X			X		
PATTIES				X				X			X	X	
TARBALLS													
FILM													
NO OIL													

PAVEMENT H F S ____ sq. m by ____

PATTIES / TARBALLS ____ BAG

NEAR SHORE SHEEN? (NO) BR RW SL TL

OILED DEBRIS	AMOUNT SM	MD	LG
Logs			
Vegetation			
Trash			
Debris			

Did you collect DEBRIS ☐ YES ☒ NO

TYPE ____

#BAGS ____

Photographs:

Roll No. AS-15-7

Frames 15-19

SUBSURFACE OIL

PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER OP	OR	OL	OF	NO	OILED INTERVAL (CM-CM)	BELOW UO	UC	OIL / FILM COLOR SRL/BR	DRL/RW	GY/SL	DKR/TL	LBR	PIT ZONE SU	UI	MI	LI	ANA	SHEEN (Y/N)	▼	SURFACE SUBSURFAC SEDIMENTS
							-															
							-															
							-															
							-															
							-															
							-															

COMMENTS

ACE 10493829

REVIEWED ____ DATE ____

ACE 1940637

8/21

SSAT DATA ENTRY FORM

PAGE 1 OF 2

GENERAL DATA

SEG ID: PD 003 SUBDIV: 242-42-10450 TEAM: AS-15 SURVEY DATE: 4/29/90
PAVEMENT: CHAR — AREA 0 THICKNESS 0 TARBALLS 0
OILED: LGS — VEG — TRH — DBR — WAVE EXP: LW X MD — HG —
FAX RCVD: ___ DT: ___ AGENCY DISAGREE: ___
EST SUBDIV LGTH: 650 OIL CATEGORY: W 0 M 500 N 0 VL 0 NO 150 U 0

SURFACE DATA

SURFACE SEDIMENT: BRK 0 BLD 2 COB 18 PEB 50 GRN 30 SAN 0 MUD 0 VEG 0

CHAR #: 1 OIL CHAR: MS OIL DIST: CONT — BRKN — PTCH — SPLH X
OIL CLR: DBR FILM CLR: — TIDAL ZONE: SU — UI X MI — LI —

CHAR #: 2 OIL CHAR: PT OIL DIST: CONT — BRKN — PTCH — SPLH X
OIL CLR: DBR FILM CLR: — TIDAL ZONE: SU — UI X MI X LI —

CHAR #: 3 OIL CHAR: CT OIL DIST: CONT — BRKN — PTCH — SPLH X
OIL CLR: DBL FILM CLR: — TIDAL ZONE: SU — UI X MI — LI —

CHAR #: ___ OIL CHAR: ___ OIL DIST: CONT ___ BRKN ___ PTCH ___ SPLH ___
OIL CLR: ___ FILM CLR: ___ TIDAL ZONE: SU ___ UI ___ MI ___ LI ___

CHAR #: ___ OIL CHAR: ___ OIL DIST: CONT ___ BRKN ___ PTCH ___ SPLH ___
OIL CLR: ___ FILM CLR: ___ TIDAL ZONE: SU ___ UI ___ MI ___ LI ___

CHAR #: ___ OIL CHAR: ___ OIL DIST: CONT ___ BRKN ___ PTCH ___ SPLH ___
OIL CLR: ___ FILM CLR: ___ TIDAL ZONE: SU ___ UI ___ MI ___ LI ___

CHAR #: ___ OIL CHAR: ___ OIL DIST: CONT ___ BRKN ___ PTCH ___ SPLH ___
OIL CLR: ___ FILM CLR: ___ TIDAL ZONE: SU ___ UI ___ MI ___ LI ___

CHAR #: ___ OIL CHAR: ___ OIL DIST: CONT ___ BRKN ___ PTCH ___ SPLH ___
OIL CLR: ___ FILM CLR: ___ TIDAL ZONE: SU ___ UI ___ MI ___ LI ___

9/21

SSAT DATA ENTRY FORM

SUBSURFACE DATA

PAGE 2 OF 2

SEGMENT ID: PD003 SUBDIV: 242-42-10450

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___
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___
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: No pits dug. see SSAT report for this segment.

Segment PD 003 4/29/90
Stream No. 242-42-10460 Michael Fawcett
Ecological summary

This large braided stream has an intertidal portion nearly 1 km long, consisting of mobile gravel / pebble sediments. A few grassy patches occur along the edges of the floodplain. The banks of the floodplain consist mostly of boulders, cobble, and pebbles. Little or no attached marine biota occurs beyond 200 m upstream from the ADF&G cabin. Below the cabin there are extensive beds of Fucus, mussels, and clams similar to those in the adjacent segment PD 002. Remaining oil consists of sporadic small tar mats and bits of pavement along the north bank, mostly upstream from the cabin. Manual removal is recommended. There are no ecological constraints re: intertidal biota.

ACE 10493832

Pink and chum salmon fry were found swimming in small side channels, and a number of dead fry of both species were found stranded in a grassy area and on a pebble bank. These appeared to have died after being stranded by the receding tide.

ACE 1940640

Michael Fawcett

Boss Reymar

SEGMENT STI PD-003

SUBDIVISION A (1 of 1)

DATE 4/21/90

CHECKLIST

- ___N Arrow
- ___Approx. Scale
- ___Seg/Sub Bndry
- ___Oil Dist.
- ___Width
- ___Length
- ___% Cover
- ___Substrate Character
- ___Est. HWL/LWL
- ___SSL
- ___Profile Location(s)
- ___Profile(s)
- ___Pit Location(s)
- ___Photo Location(s)

SURVEYED BY WILLIAM REID 29APR90

LEGEND

1 △ Pit - No Subsurface Oil

2 ▲ Pit - Subsurface Oil

CT/C Continuous Distribution

CT/B Broken Distribution

CT/P Patchy Distribution

CT/S Splashed Distribution

Oiled Vegetation

1 → Photo location, direction, and number

ACE 10493833

ACE 1940641

SKETCH MAP

242 4C 10416

PD-003

ADFinish #3 - 900.2

PATTIES NOW LARGELY OBSCUR'D BY MATS OF DECAYING GRASS.

large grass PBl/GV1 band

Tall grass shoots w/ PT/S

ADFG#2 Sign

sample 2

Grassy Area w/ PT/S

Narrow band of PT/S in UITZ along Cbl/bldr beach

Random PT/S along N shore

MS/S in narrow band @ base of boulders in UITZ

PD-002

Active Channel bars

CT/S on Bdrk

PD-004

Bars w/ grass shoots & PT/S randomly spread

PT/S

Tree

Cabin

Channel Bar Outlines Change rapidly w/ Tide here!

N

0 100 Meters

RE-SURVEYED BY ANAD TEAM 15 ON 4/29/90. WE AGREE WITH ALL THE ABOVE DATA!

Character Length AP____ PO____ CV____ CT 15 ST____ MS 5 PT 0 TB____ FL____ NO 900

EVISION:03/24/90

2/21

OPERATIONS FIELD NOTES

See Back for Instructions

SEGMENT ID PD-003
STREAM ID # 242-42-10460
ANNOTATED MAP INCLUDED (Y) / N

DATE 4-29-90
NAME GARCIA
TEAM # 15

SURFACE OIL	Quantities in Meters			Treatment Recommendation						
	Length	Width	Area	None	Bioremediation Y/N	Bioremediation % Treat	Tilling Y/N	Tilling % Treat	Spot Hot Water Y/N	Spot Hot Water % Treat
Wide Band										
Medium Band	NONE									
Narrow Band										
Very Light										
		TOTAL MANDAYS				0		0		0

SUBSURFACE OIL - NONE

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	REFER TO ATTACHED MAP					✓		—	20

MANUAL PICKUP	Type of Debris			In Meters			Pickup Y/N	Manday Estimate
	Mousse Tarballs	Oiled Veget	Cleanup Debris	Length	Width	# of Bags		
"Pocket" #1								
"Pocket" #2	NONE							
"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 0 % of the Supratidal Zone?

ACE 10493834

Wave Exposure H/M/(L)

Access Limitations: TAR PATTIES LOCATED WITHIN VEGETATION ACER

Snare Boom/Pom Poms Recommended? NO

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

COMMENTS:

THE ONLY TREATMENT RECOMMENDED FOR THIS STREAM IS THE MANUAL REMOVAL OF SCATTERED TAR PATTIES AS INDICATED ON THE ATTACHED MAP. IT IS RECOMMENDED THAT THE WORK ON THIS STREAM BE DONE AS SOON AS POSSIBLE BECAUSE A LARGE PERCENTAGE OF THE TAR PATTIES ARE LOCATED WITHIN RAPIDLY GROWING VEGETATION.

ACE 1940642

4/21

FIELD SHORELINE COMMENT SHEET

SEGMENT ST / PD-3 SUBDIVISION: DATE 4/29/90

USCG
NAME CWO MCMAHON SIGNATURE

☐ NO TREATMENT RECOMMENDED ☒ TREATMENT SUGGESTED
COMMENTS

1. MANUAL CLEAN-UP; REMOVE TAR PATTIES

(SEE NOTE PD 2 4/29/90)

~~ADF&G~~
~~ADEC~~
NAME Doug Hill SIGNATURE

☐ NO TREATMENT RECOMMENDED ☒ TREATMENT SUGGESTED
COMMENTS

Recommend Manual pickup and removal of patties found ~~distrib~~ distributed amongst the grass flats - as well as the patties found on the north shore (see Attached maps).

Rapid rate of vegetation growth requires that oil be picked up as soon as possible — now!

LAND MANAGER
NAME SIGNATURE

☐ NO TREATMENT RECOMMENDED ☐ TREATMENT SUGGESTED
COMMENTS

ACE 10493835 - 15

ACE 1940643 - 13

REVISION NO. 03.21.90

APR-19-1990 14:36 FROM EXXON SCAT

ANADSCAT

1/21

TO: DAN DELAPINA FAX NO. 907 564-3771 RCVD 4/30/90 TEAM NO. 15

FROM GUS GARCIA (EXXON)

FROM: GUS GARCIA LOCATION: HOMER

PHONE NO: 235-6444 FAX NO. 235-5963

DATE: 4-30-90 TIME:

NUMBER OF PAGES SENT INCLUDING FRONT COVER PAGE:

SSAT PACKAGE CHECK LIST:

SEGMENT NO.	STREAM #	OG	SKETCH	ADF&G Form	FIELD SHORELINE COMMENTS SHEET	Bio Notes	OPS
ST-PD-003	242-42-10460	✓	✓	✓	✓	✓	✓
ST-PD-002	242-42-10450	✓	✓	✓	✓	✓	✓
ST-							
ST-							
ST-							

PLEASE LIMIT 30 PAGES PER TRANSMISSION

COMMENTS: TOMORROWS PRIMARY SEGMENTS - —

TOMORROWS ALTERNATE SEGMENTS -

THESE TWO STREAMS WERE PREVIOUSLY SURVEYED BY THE SSAT TEAM AND WE FULLY AGREE WITH THEIR DATA.

PRIMARY CONTACT:
Jack Rickner 564-3669
Tom Kelley 564-3731

SCAT SECRETARY - SANDY MOELLER-RIKARD @ 564-3660

IF ANY PROBLEMS WITH THIS TRANSMISSION PLEASE CONTACT MARY OLSON AT PHONE NUMBER 235-6444.

ACE 10493836

ACE 1940627 -/S

EXXON - SCAT
3301 "C" STREET, SUITE 508
ANCHORAGE, ALASKA 99503
907-564-3660
FAX: 564-3771

4

4-19-90

ANADROMOUS FISH STREAM EVALUATION ADDENDUM

CONSTRAINTS FOR STREAM NO. 242-42-10460

SEGMENT PD-3 SUBDIVISION A

WORK WINDOW

Manual Pickup	**OPEN**

ARCHAEOLOGICAL STANDARD CONSTRAINT

If cultural resources are uncovered, PHONE 564-3274.

APPLICABLE ECOLOGICAL TIME CONSTRAINTS

1A,1B	**Salmon Stream**	ADF&G catalogued anadromous stream (242-42-10460) is in Subdivision A. No constraint to manual pickup.
1J	**Purse Seine Area**	No constraint to manual pickup.

OTHER ECOLOGICAL CONSIDERATIONS

No disturbance to stream bed or banks. Restrict boat and air traffic to essential minimum after 7/20. Avoid any unnecessary disturbance or damage to unoiled biota and substrate. Sensitive estuary.

SEE SUBDIVISION CONSTRAINT ADDENDUM PD-3A FOR ADDITIONAL CONSTRAINT INFORMATION.

FOSC _____ Date 6-10-90

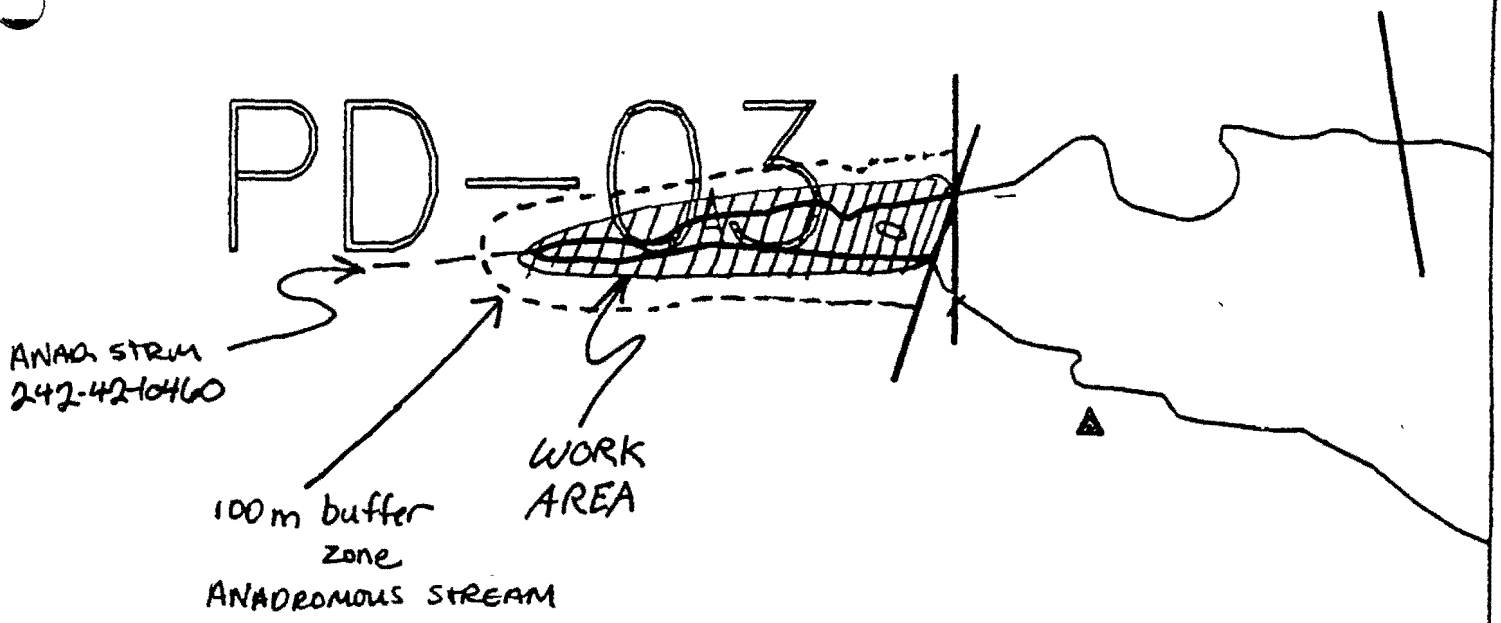
Prepared by J.P. Phillips Date 6/10/90

ACE 10493837 +/S

ACE 1940632 +/S

PD-02

PD-03



ACE 10493838

ANADROMOUS STREAM EVAL

EXXON

Exxon Company, USA
Map Key: KEN-PD-3

ECOLOGY MAP
SEGMENT PD-3
SUBDIVISION A (1 of 1)

METERS

★ Seabird Colony
▲ Eagle Nest

ACE 1940633

ANADROMOUS FISH STREAM EVALUATION

SEGMENT ST/PD-003 STREAM NO: 242-42-10460 DATE 4/29/90

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)	
1J	Purse seine area (7/20 to 9/30)	
4GA	State Marine Park Alaska State Wilderness Park	
6U	Recreation:	Tent sites (6/1 to 9/15)
6W	Recreation:	Forest Service cabins (6/1 to 9/15)
6Y	Recreation:	Special use destination
6NN	Recreation:	Sportfishing
8AA	Sensitive estuary	

See attached Ecological Constraint sheet for specific constraints and contacts.

SUBDIVISION ECOLOGICAL CONSTRAINTS:

Subject stream is located within subdivision A (1 of 1). No additional ecological constraints.

ARCHAEOLOGICAL CONSTRAINTS:

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

SHPO SIGNATURE: Rachel Mennen DATE: 5/22/90

Subsurface Oil Observed: Yes____ No X Maximum Depth____

RECOMMENDATIONS:

____No Treatment Recommended	____Snare/Absorbent Booms
____Treatment Recommended	____Oil Snares (pom poms)
X Manual Pickup	____Absorbents (pads,rolls,etc)
____Bioremediation	____Spot Washing:____Wands
____Tarmat Removal	____Beach Cleaner
	____Other (see comments)

COMMENTS: Recommend manual pick up of patties. Work should be scheduled in conjunction with work in PD 002, 5/16 to 7/1.
ANAD. FISH
SEE ADDENDUM dated 6/10/90 AP

TAG COMMENTS:

ACE 10493839 -15

TAG APPROVAL DATE: 5/18/90
ADEC Art Weiner
EXXON
NOAA Gary Petrae
USCG G.A. Reiter / G.A. Reiter

FOSC [signature] DATE: MAY 25 1990

ACE 1940634 -15

ADDENDUM: SUBDIVISION CONSTRAINTS

SEGMENT PD-4 SUBDIVISION A (1 of 1)

WORK WINDOW	
Manual Pickup Tarmat Removal	OPEN
Bioremediation and Spot Washing Less Than 100m From Stream	WORK PRIOR TO 6/25 (ADF&G MONITOR REQ.)
Bioremediation and Spot Washing More Than 100m From Stream	WORK PRIOR TO 6/25

ARCHAEOLOGICAL STANDARD CONSTRAINT

If cultural resources are uncovered, PHONE 564-3274.

APPLICABLE ECOLOGICAL TIME CONSTRAINTS

1A,1B	Salmon Stream	ADF&G catalogued anadromous stream (242-42-10460) is in Subdivision A. This subdivision is closed to bioremediation and spot washing less than 100m from stream 7/10 to 8/31. Before 7/10, bioremediation and spot washing are permitted less than 100m from stream with on-site ADF&G monitor or ADEC alternate present. No constraint to bioremediation and spot washing more than 100m from stream. No constraint to manual pickup and tarmat removal.
1J	Purse Seine Area	Closed to bioremediation after 6/25.
5T	Bald Eagle Nest	NO CONSTRAINT. USFWS 6/1/90 map indicates no active nest within 400m of Subdivision A work site.

OTHER ECOLOGICAL CONSIDERATIONS

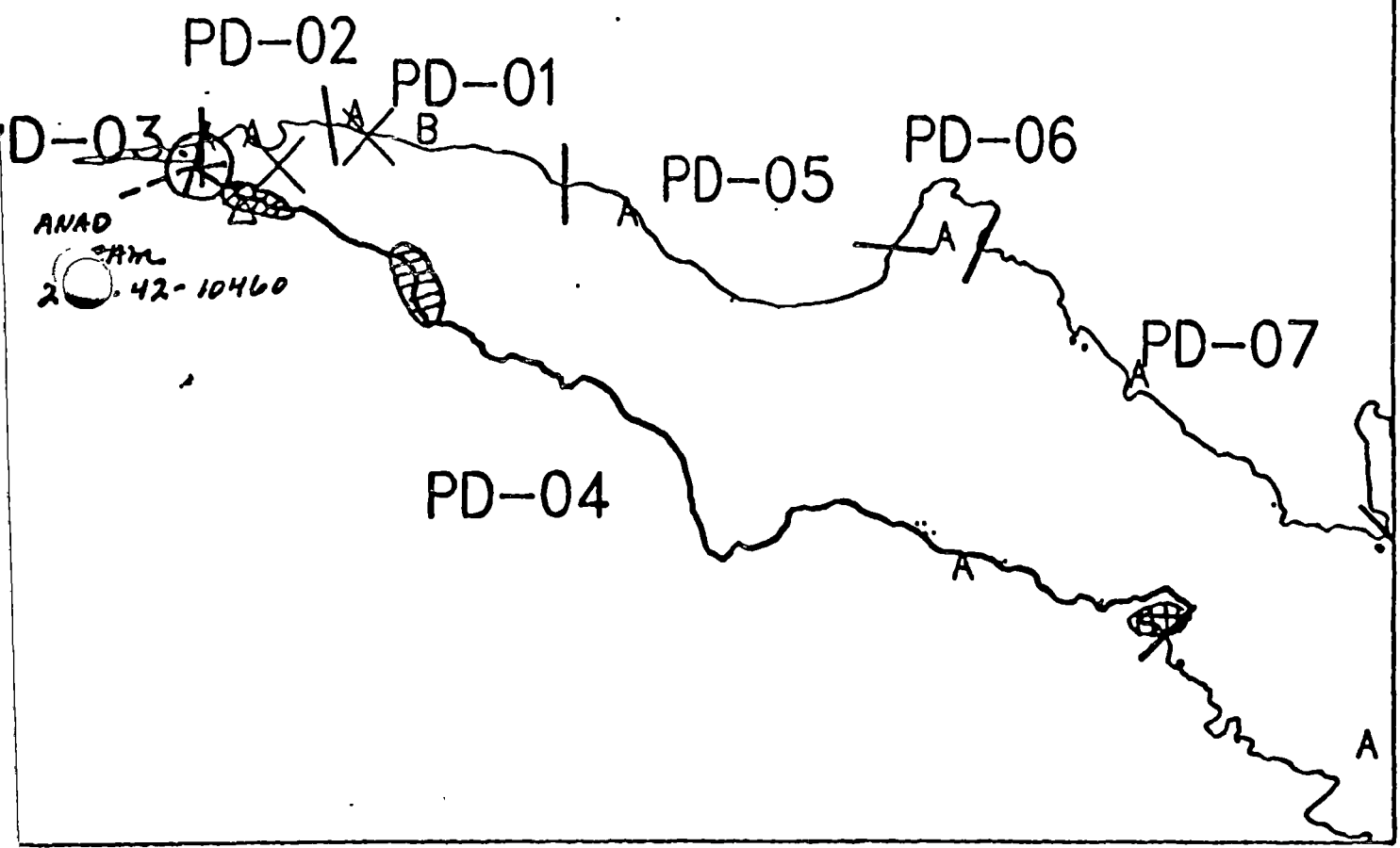
No disturbance to stream bed or banks. Restrict boat and air traffic to essential minimum after 6/25. No flushing of pollutants or sediments into stream drainage; do not allow inipol to enter stream flow. On-site examination and consultation by ADF&G monitor is required prior to bioremediation and spot washing in order to authorize a setback distance from the stream during chemical application; if ADF&G monitor's presence is impossible, authorization may be given by the ADEC monitor. Avoid any unnecessary disturbance or damage to unoiled biota and substrate.

FOSC _____ Date 6-19-90

Prepared by _____ Date 6/16/90

ACE 10493840

ACE 1940654



EXXON

Exxon Company, USA
P[illegible] KEN-PD-4
[illegible] 10, 1990

ECOLOGY MAP
SEGMENT PD-4
SUBDIVISION A__ (_1_of_1_)

METERS
0 1448 2897

★ Seabird Colony
▲ Active Eagle Nest
△ Inactive Eagle Nest

1 inch = 475[illegible] feet

ACE 10493841

ACE 1940655

ANADROMOUS FISH STREAM EVALUATION ADDENDUM

CONSTRAINTS FOR STREAM NO. 242-42-10460

SEGMENT PD-3 SUBDIVISION A

WORK WINDOW	
Manual Pickup	OPEN

ARCHAEOLOGICAL STANDARD CONSTRAINT

If cultural resources are uncovered, PHONE 564-3274.

APPLICABLE ECOLOGICAL TIME CONSTRAINTS

1A,1B	Salmon Stream	ADF&G catalogued anadromous stream (242-42-10460) is in Subdivision A. No constraint to manual pickup.
1J	Purse Seine Area	No constraint to manual pickup.

OTHER ECOLOGICAL CONSIDERATIONS

No disturbance to stream bed or banks. Restrict boat and air traffic to essential minimum after 7/20. Avoid any unnecessary disturbance or damage to unoiled biota and substrate. Sensitive estuary.

SEE SUBDIVISION CONSTRAINT ADDENDUM PD-3A FOR ADDITIONAL CONSTRAINT INFORMATION.

FOSC _____ Date 6-10-90

Prepared by J.P. Phillips Date 6/10/90

ACE 10493842 +/S

ACE 1940271 +/S

PD-02

PD-03

ANAD. STRM
242-4210460

100m buffer
zone
ANADROMOUS STREAM

WORK
AREA

ACE 10493843

ACE 1940272

ANADROMOUS STREAM EVAL

EXXON

Exxon Company, USA

ECOLOGY MAP

SEGMENT PD-3

SUBDIVISION A (1 of 1)

METERS

★ Seabird Colony

▲ Eagle Nest

ANADROMOUS FISH STREAM EVALUATION

SEGMENT ST/PD-003 STREAM NO: 242-42-10460 DATE 4/29/90

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)
1J	Purse seine area (7/20 to 9/30)
4GA	State Marine Park Alaska State Wilderness Park
6U	Recreation: Tent sites (6/1 to 9/15)
6W	Recreation: Forest Service cabins (6/1 to 9/15)
6Y	Recreation: Special use destination
6NN	Recreation: Sportfishing
8AA	Sensitive estuary

See attached Ecological Constraint sheet for specific constraints and contacts.

SUBDIVISION ECOLOGICAL CONSTRAINTS:

Subject stream is located within subdivision A (1 of 1). No additional ecological constraints.

ARCHAEOLOGICAL CONSTRAINTS:

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

SHPO SIGNATURE: Rachel Loon Dow DATE: 5/22/90

Subsurface Oil Observed: Yes_____ No X Maximum Depth_____

RECOMMENDATIONS:

_____No Treatment Recommended
_____Treatment Recommended
X Manual Pickup
_____Bioremediation
_____Tarmat Removal
_____Snare/Absorbent Booms
_____Oil Snares (pom poms)
_____Absorbents (pads,rolls,etc)
_____Spot Washing:_____Wands
_____Beach Cleaner
_____Other (see comments)

COMMENTS: Recommend manual pick up of patties. Work should be scheduled in conjunction with work in PD002, 5/16 to 7/1.
ANAD. FISH
SEE ADDENDUM dated 6/10/90 JP

TAG COMMENTS:

TAG APPROVAL DATE: 5/18/90
ADEC Art Weiner Art Weiner
EXXON [illegible]
NOAA Gary Petrae Gary Petrae
USCG G.A. REITER G.A. Reiter

FOSC [signature] DATE: MAY 25 1990

ACE 10493844

ACE 1940273

ANADROMOUS FISH STREAM EVALUATION

SEGMENT ST/PD-003 STREAM NO: 242-42-10460 DATE 4/29/90

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)
1J	Purse seine area (7/20 to 9/30)
4GA	State Marine Park Alaska State Wilderness Park
6U	Recreation: Tent sites (6/1 to 9/15)
6W	Recreation: Forest Service cabins (6/1 to 9/15)
6Y	Recreation: Special use destination
6NN	Recreation: Sportfishing
8AA	Sensitive estuary

See attached Ecological Constraint sheet for specific constraints and contacts.

SUBDIVISION ECOLOGICAL CONSTRAINTS:

Subject stream is located within subdivision A (1 of 1). No additional ecological constraints.

ARCHAEOLOGICAL CONSTRAINTS:

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

SHPO SIGNATURE: Rachel Joan Orr DATE: 5/22/90

Subsurface Oil Observed: Yes_____ No X Maximum Depth_____

RECOMMENDATIONS:

_____No Treatment Recommended
_____Treatment Recommended
X Manual Pickup
_____Bioremediation
_____Tarmat Removal
_____Snare/Absorbent Booms
_____Oil Snares (pom poms)
_____Absorbents (pads,rolls,etc)
_____Spot Washing:_____Wands
_____Beach Cleaner
_____Other (see comments)

COMMENTS: Recommend manual pick up of patties. Work should be scheduled in conjunction with work in PD002, 5/16 to 7/1.

TAG COMMENTS:

TAG APPROVAL DATE: 5/18/90
ADEC Art Weiner
EXXON
NOAA Gary Petrone
USCG G.A. Reiter

FOSC DATE: MAY 25 1990

ACE 10493845

ACE 1940274

PWS, SEWARD AND HOMER ECOLOGICAL CONSTRAINTS

1A Salmon stream mouth - fry outmigration (3/1 to 5/15)
1B Salmon stream mouth - spawning (7/10 to 8/31)
No disturbance of stream bed or banks unless authorized by ADF&G. No beach flushing into stream drainage. No bioremediation or other chemical application within 100m of stream without authorization from ADF&G. No use of methods which might affect nearshore oil or toxicity levels, such as hot water wash or Inipol application, prior to at least July 1 unless authorized by ADF&G. Treatment which is not intrusive and which will not affect nearshore oil or toxicity levels, such as manual removal, can probably proceed without adherence to time constraints. In any case, contact ADF&G Habitat Division prior to treatment for consultation and/or permit application.
AGENCY CONTACT PERSON: ADF&G John Morison 267-2324

1C Salmon fry nursery area (4/31 to 7/31)
No use of methods which might affect nearshore oil or toxicity levels, such as hot water wash or Inipol application, prior to July 31 unless authorized by ADF&G. Treatment which will not affect nearshore oil or toxicity levels, such as manual or mechanical removal, can probably proceed without adherence to time constraints. Contact ADF&G prior to treatment for confirmation and advice.
AGENCY CONTACT PERSON: ADF&G Larry Peltz 424-3214

1D Esther Hatchery release (4/15 to 6/15)
1E Main Bay Hatchery release (4/20 to 6/15)
1F Sawmill Bay Hatchery release (4/15 to 6/1)
1G Cannery Creek Hatchery release (4/21 to 6/1)
1H Remote release site
No use of methods which might affect nearshore oil or toxicity levels, such as hot water wash or Inipol application, prior to at least July 1 unless authorized by ADF&G and/or PWS Aquaculture Association. Treatment which will not affect nearshore oil or toxicity levels, such as manual or mechanical removal, can probably proceed without adherence to time constraints. Contact ADF&G or PWS Aquaculture Association for confirmation and authorization.
AGENCY CONTACT PERSON: 1E ADF&G Larry Peltz 424-3214
1D 1F 1G PWS Aquaculture Association John McMillan or Bruce Suzomoto 424-7511

1I Gill net area (6/7 to 8/31)
1J Purse seine area (7/20 to 9/30)
1K Purse seine hook-off (7/20 to 9/30)
1L Set net sites (6/11 to 7/25)
Contact ADF&G for specific dates, locations and constraints. Restrict boat and air traffic to essential minimum. When set net sites are present (1L) restrict beach operations to essential minimum as authorized by ADF&G. If plans for treatment include methods such as hot water wash or Inipol application which might affect nearshore oil or toxicity levels, contact ADF&G for consultation and authorization.
AGENCY CONTACT PERSON: ADF&G James Brady 424-3212

2M Herring spawning (4/1 to 6/15)
Contact ADF&G for confirmation - dates and locations may vary. Restrict boat traffic to essential minimum. Avoid damage to unoiled intertidal and subtidal algae and seagrass. If plans for treatment include methods such as hot water wash or Inipol application which might affect nearshore oil or toxicity levels, contact ADF&G for consultation and authorization.
AGENCY CONTACT PERSON: ADF&G Evelyn Biggs 424-3235

3N, 3P Harbor seal and sea lion pupping (5/15 to 7/1)
3O, 3Q Harbor seal and sea lion molting (8/15 to 9/15)
Restrict boat and air traffic to essential minimum. No personnel within 400m. Aircraft to maintain 800m horizontal and 300m vertical distance from haulouts. No application of Inipol within two weeks of arrival dates (work window at these sites is limited to 7/2 to 7/31). Contact ADF&G and USFWS prior to treatment for confirmation.
AGENCY CONTACT PERSON: US National Marine Fisheries Service Steve Zimmerman 586-7235
ADF&G Don Calkins 267-2403

5R Seabird colony (5/1 to 9/1)
Restrict air and boat traffic to essential minimum. No personnel within 800m. Aircraft to maintain 800m horizontal, 300m vertical distance from colony. Contact USFWS prior to treatment.
AGENCY CONTACT PERSON: USFWS Jill Parker 786-3377

5S Shorebird/waterfowl concentration (4/1 to 5/15)
Restrict all activity to essential minimum, especially air traffic. Contact USFWS and ADF&G for confirmation.
AGENCY CONTACT PERSON: USFWS Jill Parker 786-3377
ADF&G Tom Rothy 267-2206

5T All Bald Eagle nests (3/1 to 6/1)
Active Bald Eagle nests (3/1 to 9/1)
Restrict air traffic and all disturbance to essential minimum. No personnel within 400m 3/1 to 6/1. Air approach and takeoff from and to seaward only; maintain 800m horizontal, 300m vertical distance from nests. Contact USFWS prior to treatment for confirmation of dates.
AGENCY CONTACT PERSON: USFWS Jill Parker 786-3377

5U Recreation: Tent sites (6/1 to 9/15)
5V Anchorages (6/1 to 9/15)
5W Forest Service cabins (6/1 to 9/15)
5X Lodge (6/1 to 9/15)
5Y Special use destination

7Z Subsistence area: Salmon harvesting (5/1 to 9/30)
Finfish harvesting
Deer harvesting (8/15 to 2/28)
Invertebrate harvesting
Contact ADF&G and appropriate Native Corporation for specific dates, locations, and constraints. Restrict boat and air traffic and beach disturbance to essential minimum. If plans for treatment include methods such as hot water wash or application of Inipol which might affect intertidal or nearshore oil or toxicity levels, contact ADF&G and appropriate Native Corporation for authorization - see Native Corporation Contact List for each Native Corporation's contact person.
AGENCY CONTACT PERSON: ADF&G Jim Fall 267-2359

ACE 10493846

ACE 1940275

FIELD SHORELINE COMMENT SHEET

SEGMENT ST / PD-3 SUBDIVISION: _____ DATE 4/29/95

USCG
NAME Lt. McMAHON SIGNATURE [signature]

☐ NO TREATMENT RECOMMENDED ☒ TREATMENT SUGGESTED
COMMENTS

1. MANUAL CLEAN-UP; REMOVE TAR PATTIES

(SEE NOTE PD2 4/29/95)

NOAA
ADEC
NAME Doug Hill SIGNATURE Douglas D Hill

☐ NO TREATMENT RECOMMENDED ☒ TREATMENT SUGGESTED
COMMENTS

Recommend Manual pickup and removal of pallets found ~~distributed~~ distributed amongst the grass Plots as well as the patties found on the north shore (see Attached maps).

Rapid rate of vegetation growth requires that all be picked up as soon as possible — now!

LAND MANAGER
NAME _____ SIGNATURE _____

☐ NO TREATMENT RECOMMENDED ☐ TREATMENT SUGGESTED
COMMENTS

ACE 10493847

ACE 1940276

REVISION NO. 03/21/95

OG William Reid USCG McMahon SEGMENT ST/ PD003

BIO Michael Fawcett LAND REP STREAM 242-42-10450

EXXON Gus Garcia ADFG Doug Hill TIME 13:10 to 14:35

TEAM NO. 15 TIDE LEVEL DATE 29 / AUG / 90

EST. SUBDIVISION LENGTH: 650 m ☐ Sun ☒ Clouds ☐ Fog ☐ Rain ☐ Snow

UPLANDS DESCRIPTION: ☐ Grass ☒ Forest ☒ Rock

SURVEYED FROM: ☒ Foot ☐ Boat ☐ Helo

SURFACE SEDIMENTS: R ___ % B 2 % C 18 % P 50 % G 30 % S ___ % M ___ % V ___

SLOPE: Lang 95 % Hang <5 % Vert ___ % WAVE EXPOSURE: ☒ Low ☐ Med ☐ H

OIL CATEGORY LENGTH: W ___ m M 500 m N ___ m VL ___ m NO ___

SURFACE OIL

CHARACTER	DISTRIBUTION				OIL / FILM COLOR					IMPACTED ZONES			
										SU	U	M	L
ASPHALT PAVEMENT													
POOLED													
COVER													
COAT				X		X					X		
STAIN													
MOUSSE				X				X			X		
PATTIES				X				X			X	X	
TARBALLS													
FILM													
NO OIL										X			X

PAVEMENT H F S ___ sq. m by ___

PATTIES / TARBALLS ___

NEAR SHORE SHEEN? (NO) BR RW SL

OILED DEBRIS	AMOUNT SM	MD	LG
Logs			
Vegetation			
Trash			
Debris			

Did You Co[llect] DEBRIS ☐ YES ☐ [NO]

TYPE ___

#BAGS ___

Photographs:

Roll No. AS-15-7

Frames 15-19

SUBSURFACE OIL

PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER OP	OR	OL	OF	NO	OILED INTERVAL (CM-CM)	BELOW UO	UC	OIL / FILM COLOR					PIT ZONE SU	U	M	L	ANA	SHEEN (Y/N)		SURF. SUBSURF. SEDIMENT
							-															
							-															
							-															
							-															
							-															
							-															

COMMENTS

ACE 10493848

REVIEWED [signature] DATE 5-1-9

ACE 1940277

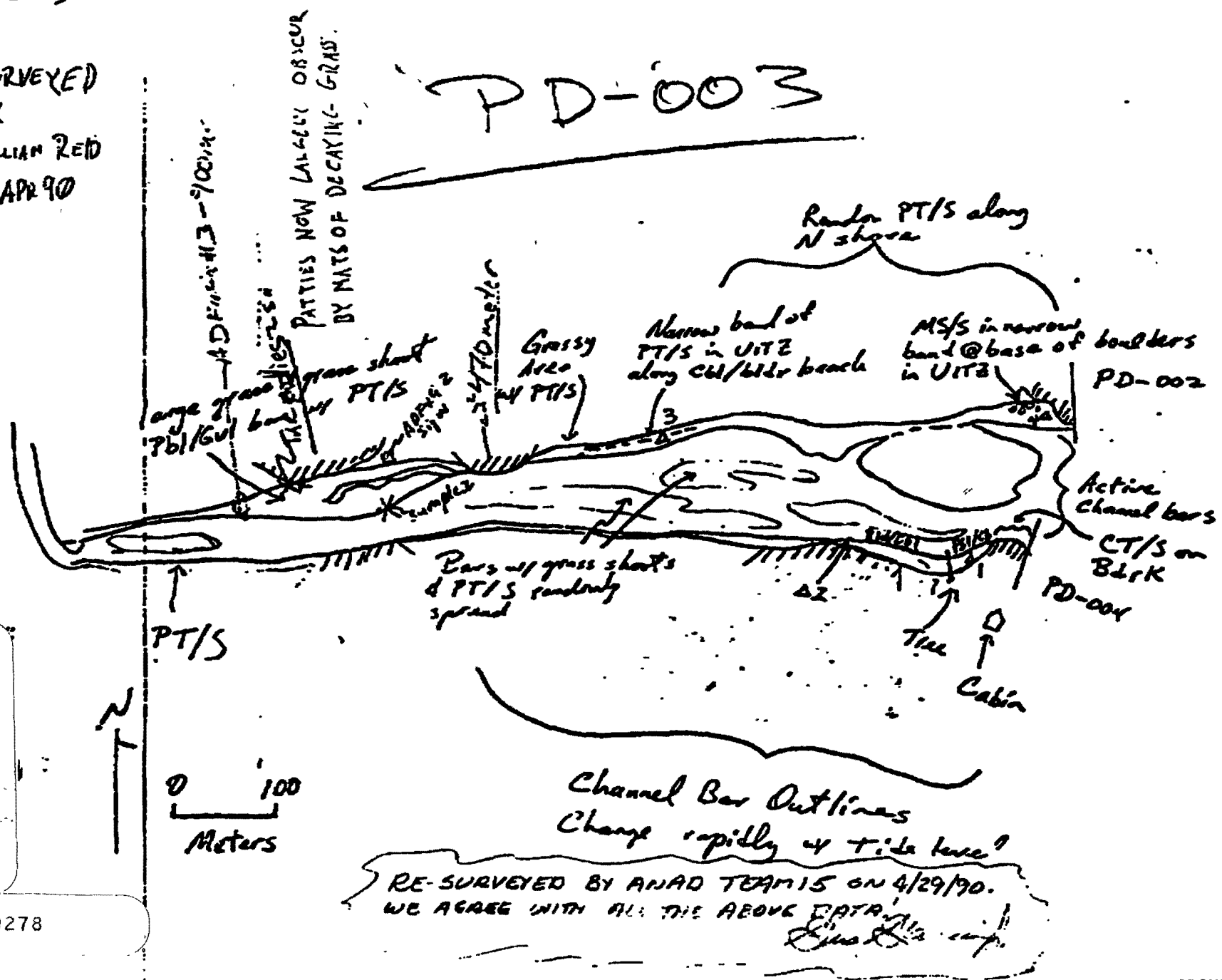
ENT ST/ PD 003

VISION ACOE

4 /21/90

CKLIST

SURVEYED BY WILLIAM REID 29APR90



RE-SURVEYED BY ANAD TEAM 15 ON 4/29/90. WE AGREE WITH ALL THE ABOVE DATA!

ACE 1049384

ACE 1940278

w Length (m): AP____ PO____ CV____ CT 151 ST____ MS 5 PT 700 TB____ FL____ NO 900

ADF&G MULTI-ASSESSMENT DATA FORM **ANADSCAT**

1 SURVEY TYPE: BS (OS) DS TS AVS SCHA MHHS PTA . . . . 2 REGION: PWS (KP,CI) KAP

METHOD: Aerial Ground Boat

3 DATE: 4/29/90 16 HIGH TIDE TIMES: 1650 / 21 TEAM MEMBERS: Gus Gracely (ex-William Reid (w/
4 START TIME: 1338 16 HIGH TIDE HTS: 12.8 / 22 OBSERVERS: Mike Fucetti (w/
5 STOP TIME: 1445 17 LOW TIDE TIMES: 1140 / John McMahan (w/
23 AGENCY: Doug Hill LAT
6 SEGMENT #: PD-003 18 LOW TIDE HTS: -1.5 / 24 PHOTOS TAKEN: Y (N)
7 STATION #: 19 TIDE HT AT SURVEY: Roll #: Frames:
8 K-UNIT: Ebb (Slack) (Flood) Slack 25 VIDEO TAKEN: Y (N) TAPE #:
9 STAT AREA: 242-42 20 USCG QUAD: Starts: Ends:
10 LAT: 59°17'06" 11 LONG: 151°16'06"W 26 SAMPLES TAKEN? Y (N) Number
12 SOURCE: Map (Loran) Oil
13 LOCATION: AFS # 242-42-10460 Sediment
14 DESCRIPTION: Head of Port Dick-Grass-tide flats, stream bank Biological
DOH ~~End logging road at Shell-owned portion of~~ Creek mouth EXTENT OF OIL Water

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

36 CATALOGED ANAD. FISH SRCH? (Y) N
37 CATALOG #: 242-42-10460
38 STREAM NAME: Port Dick Cr
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 STRCAM? (Y) N

30 OVERALL OIL IMPACT: N VL L M H
31 OIL TYPE: Pooled Mousse (Tar) Asphalt (Sticky) (Stain)
32 OILED DEBRIS? Y (N) Where: PD #1, 2, 4
33 SHORELINE TYPE: Headland Low-lying Rocks (Beach) Cove (Lagoon) Marsh
34 WAVE EXPOSURE: High Moderate (Low)
35 SUBSTRATE TYPE: Bedrock Boulder Cobble Gravel Sand Mud/silt

49 ANADROMOUS FISH PRESENT? Y (N)
44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Chum		100
Pink		25

ACE 10493850
ACE 1940279

Priority Cleanup AREA - ADF&G (Doug Hill)

COMMENTS: Recommendations: Preferable to get a crew into this Area "As Soon As Possible" due to the growth of vegetation which will, in a short period of time, greatly impair locating the numerous tarballs and patties, many of which are already becoming concealed by grass and beach greens. Oil found

Would like this AREA 4 Priority Cleaned NOW!

PD-003 — 48 PHOTOLOG — Port Dick Creek Homer Zone

242-~~42~~42-10460
FRAME(S) — DESCRIPTION

48 OIL DISTRIBUTION DIAGRAM

Would also like to stress the preference to remove the oil in PD 001, 002, and 004 which poses a potential threat to this system - this oil is oriented such that it could possible be washed into Pt. Dick Cr. A portion of PD-001 was treated with Inipol (a large Asphalt mat - which we would like removed ASAP).

- MANUAL Pick up and removal is recommended
- Port Dick Creek is ~~Falls~~ Coho, Chum and Pink salm. Stream. Numerous chum fry were observed on recent surveys. Pink fry found dead on banks of stream on 4/29/90 (Approx. 30).
- This stream is also used by migratory waterfo.
- Mussel beds are present at the mid to low intertidal portion of this Stream

ACE 10493851

- BALD Eagles frequent Pt. Dick Creek.

I agree with recommendations. Michael H Faure

ACE 1940280

- AN ADF&G observer will ~~should~~ be present during the cleanup operation

- Sample taken
- Photo frame # and shot direction.

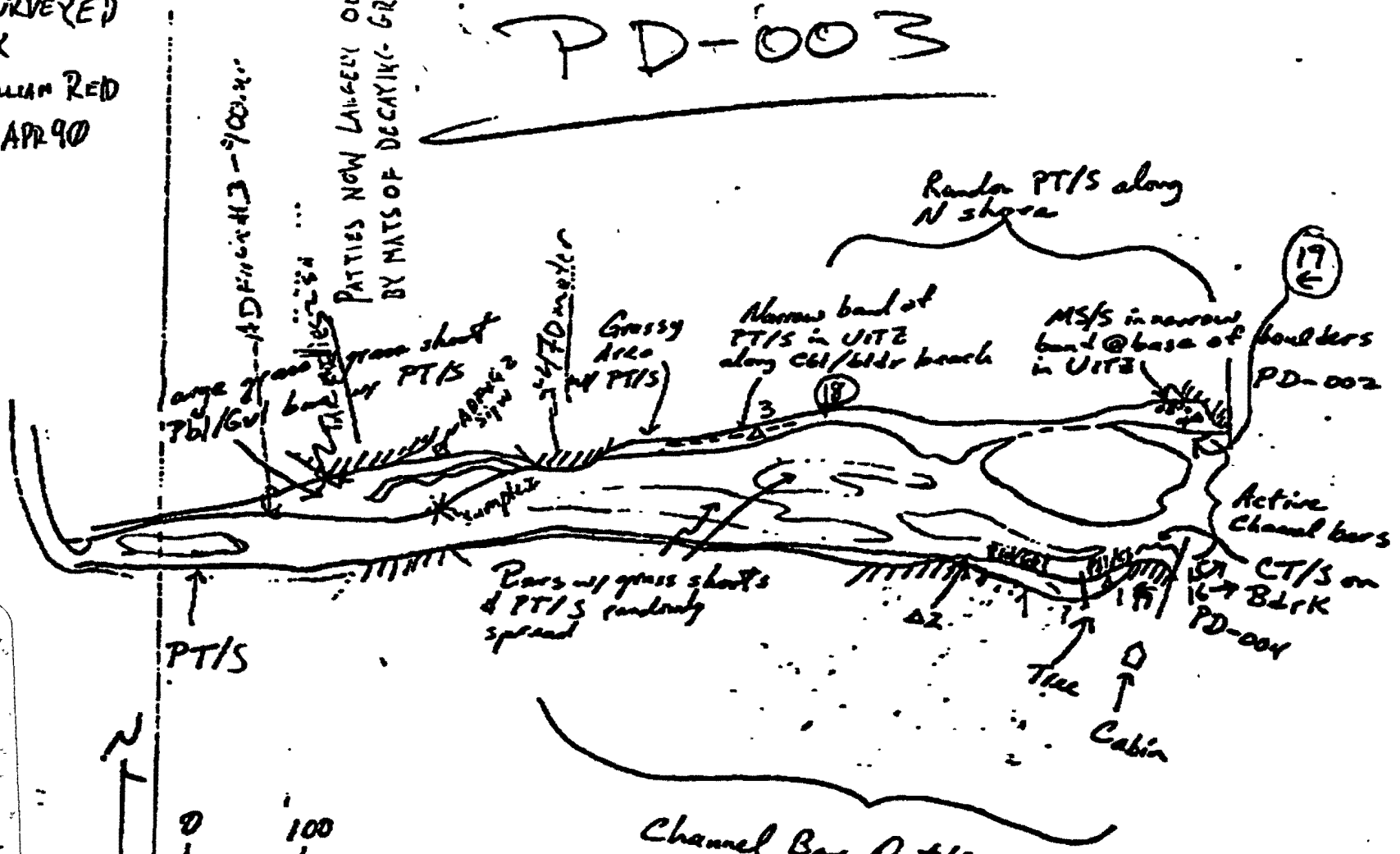
ENT STI -003

VISION A (to A1) stream 2 #2 - 1040'

4/21/90

SURVEYED BY WILLIAM REID 29APR90

PD-003



ACE 10493852 - 15

ACE 1940281 - 15

r Length (m): AP____ PO____ CV____ CT 151 ST____ MS 5 PT 700 TB____ FL____ NO 900

APR-30-90 MON 10:38

P.11

ADEC DEMOBILIZATION REPORT
FOR PHYSICAL/MECHCANICAL TREATMENT AND CUSTOMBLEN

To: Alaska Department of Environmental Conservation
Oil Spill Response Center
Anchorage, Alaska
Attn: John Bauer
FAX 265-4666, 265-4656

RE: SEGMENT NUMBER PD-03 SUBSEGMENT NUMBER A

DEC REP STEPHEN FERGOSON USCG REP RANDOLPH HUBBARD

EXXON REP JON CZARENSKI BOAT NAME/SQUAD NUMBER ENSCO ATLAS/4

Has work been completed as stated on the work order? If your answer is no please explain in detail how the work performed was different from the work order language.

YES

Is there additional oil remaining which can be removed with further physical/mechanical treatment? If yes what is the recommended treatment method.

THERE ARE REMAINING MOUSSE BALLS / NOT VERY FEASIBLE FOR REMOVAL DUE TO BEING SPREAD OUT OVER A VERY LARGE AREA SO ANSWER IS NO

Describe the amount of oil remaining (type, size of area and location).

- MOUSSE BALLS => LEECHED INTO SEDIMENTS FOUND SPORADICALLY IN EEL GRASS AREAS

Additional Comments (keep objective)

RECOMMEND DEMOB

ACE 10493853 +/S

signature Stephen Ferguson
Date and time of demobilization from segment 5/5/90 2000
Shoremon\55 5-12-90

ACE 1940644 +/S

EXXON ATLAS

ADEC DAILY SHORELINE ASSESSMENT

LOCATION: WEST ARM PORT DICK SEG PD03 SUBSEG A
MONITOR(S): STEPHEN FERGUSON
DATE: 5/6/90 TIME: BEGIN 1500 END 1900

TIDES:	TIME:	HEIGHT:
LOW	0550	+1.9
HIGH	1144	+9.0
LOW	1745	+1.9
HIGH	2357	+10.7

WEATHER: CLOUDY RAIN FOG (SUN)
TEMP: 58° SEA COND: CALM
WIND DIR: N-NE-E-SE-S-SW-W-NW
WIND SPEED (KNOTS): (0-15) 16-30 30+

ENVIRONMENTAL CONSTRAINTS: (SEAL HAULOUTS, EAGLE NESTS, MUSSEL BEDS, ETC.) SENSITIVE ESTUARY / SALMON STREAM / GROWTH OF EEL GRASS

WAVE EXPOSURE: LOW (MED) HIGH
ACROSS SHORE ZONE: SU (UITZ) (MITZ) LITZ

SURFACE SEDIMENTS: R 5 % B 5 % C 5 % P 25 % G 45 % S 10 %
SUBSURFACE SEDIMENTS: R ___ % B ___ % C ___ % P ___ % G ___ % S ___ %

OIL CHARACTERISTICS (PATTIES)

SURFACE: POOLED (MOUSSE) (TARBALL) COVER - COAT - STAIN
SUBSURFACE: OP - OR - OF

TREATMENT TECHNIQUES

MANUAL RAKING/TILLING — HEADER FLOOD (HOT/COLD)
[MANUAL REMOVAL] PO-MS-AP-TB — BIOREMEDIATION ___
SPOT WASHING — MECHANICAL ___
OTHER ___

EQUIPMENT USED: SHOVELS / TRAWLS / GARDEN SHOVELS
NAMES OF REPS & OTHER AGENCIES: EXXON JOHN CZARNOSKI
USCG HUBBARD RANDOLPH — OTHER: (OOPS): RICHARD HEGLIN
WORKERS ON SITE: ORTS 9 — OTHER: (VECO FOREMAN): MIKE REAVIS
DNR: ROGER MACAMBEL
HOFF: LEE GLENN
USCG: ROSS HALDY

WASTE HANDLING/DISPOSAL

ACE 10493854

ITEMS USED TO ABSORB/CONTAIN OIL POLY BAG
OF BAGS COLLECTED:
OILED DEBRIS 10 OIL & SEDIMENTS 30 OILED VEG. ___
OILED LOGS PRESENT: Y N # OF LOGS REMOVED ___

4/20/90

ACE 1940645

PHOTO/VIDEO DOCUMENTATION

PHOTOGRAPHS: ROLL # — FRAME(S): — REASON: —

VIDEO: TAPE # — REASON: —

COMMENTS

PROBLEMS: ENFORCEMENT ACTIVITIES, UPLAND CONT., ETC.
(PLEASE NOTE IF PROBLEM WAS DISCUSSED WITH PROPER AUTHORITY, AND SUBSEQUENT RESPONSE.)

NO PROBLEMS

(1) NO PROBLEM WITH CLEAN-UP (ADF+G) NOTED NO WORK WAS DONE IN STREAM AND VERY CAREFUL IN WORKING STREAM BANK

(2) CLEAN-UP CREW WAS NOT ALLOWED IN ARCH. AREA ⇒ MONITORED VERY closely BY R. MACCHARCH (ADNR)

OBSERVATIONS: TREATMENT EFFICIENCY, POSSIBLE IMPROVEMENTS, ETC.

(1) TAR PATTIES + TAR BALLS WHICH HAD LEECHED INTO SEDIMENTS IN AREAS WHERE EEL GRASSES WERE FOUND.

(2) CLEAN-UP CREW WORKED THIS AREA IN A GRID LIKE SYSTEM BY WORKING UP AND DOWN THE PORT DICK. CREEK STREAM BANKS

(3) LEE GLEN (ADF+G), RANDOLPH HUBBARD (USCG) AND I WALKED AREA AFTER CREW (CLEAN-UP) HAD RUN GRID LIKE SYSTEM ⇒ FOUND "TRACE" OILING A FEW MOUSSE-BALLS WHICH HAD LEECHED INTO SEDIMENTS

ACE 1940646

SIGNATURE Stephen Ferguson

ACE 10493855

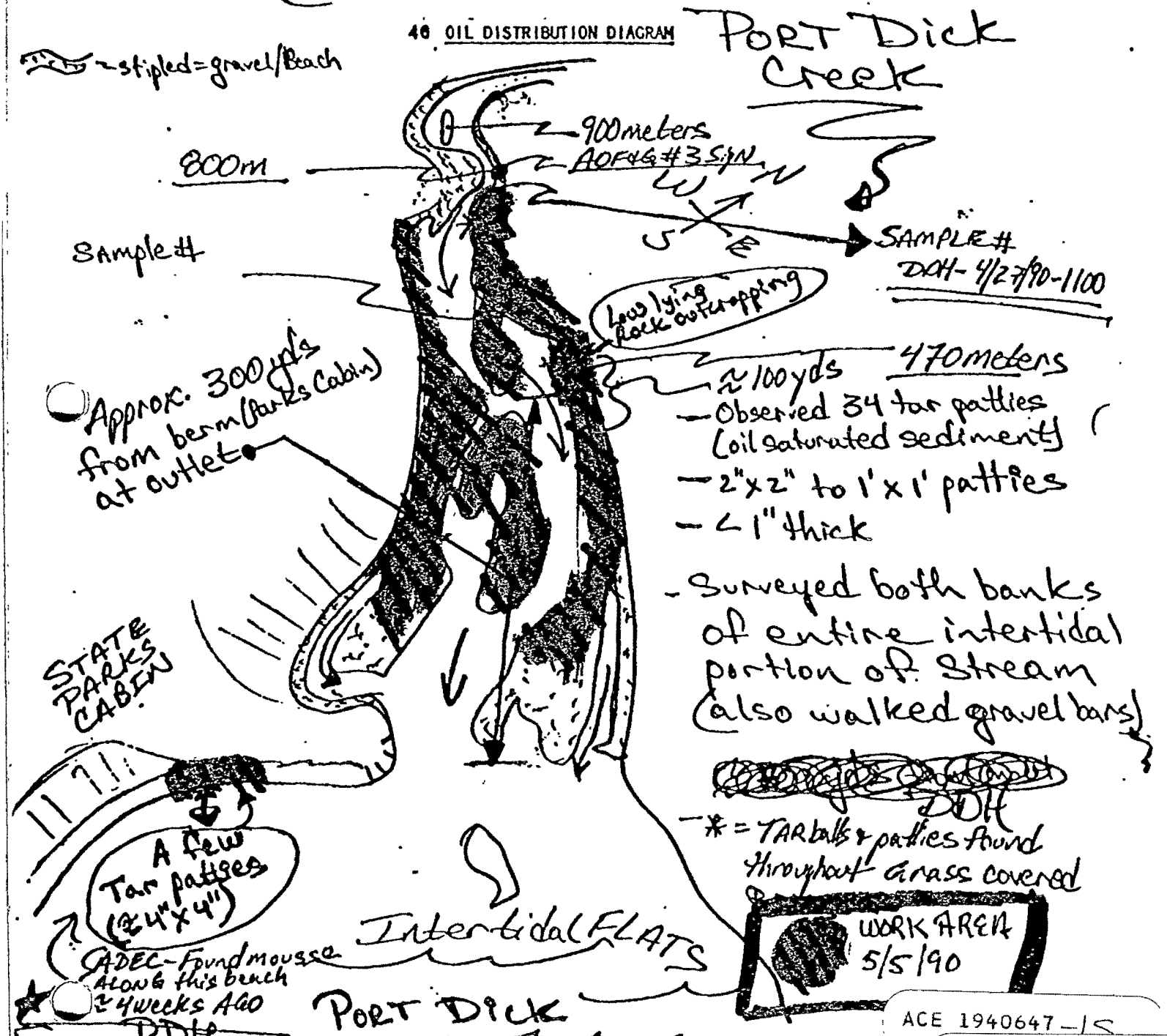
45 PHOTOLOG

FRAME(S) DESCRIPTION

4/15 Aerials of Pt. Dick Creek-Mouth

Clean it NOW! Due to vegetation and oil among vegetation this area should be cleaned ASAP - RAPID Vegetation growths will obscure oil-areas will be unable to find oil.

46 OIL DISTRIBUTION DIAGRAM



ACE 1940647-15

ACE 10493856-15

Gilde Creek

FIELD SHORELINE COMMENT SHEET ASAP

SEGMENT AS / PD-03 SUBDIVISION: A SITE: 01 DATE 05 Aug 1990

ISCG
NAME AEC Vandepels SIGNATURE AEC Vandepels

☐ YES ☒ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:
Found a few patties, picked them up. No more work or reassessment required.

ADEC
NAME Clara S. Crosby SIGNATURE Clara S. Crosby.

☒ YES ☐ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON: The reason for this segment to be made a priority site is. ~~name~~ because; the oiling previously noted was in grass & vegetation & AT THIS TIME. A THOROUGH SURVEY COULD NOT BE CONDUCTED of THOSE AREAS; Also - if recoverable oil is found within this AREA IT WILL HAVE TO BE DONE BEFORE GRASS & Vegetation covers it AGAIN.
ANADROMOUS STREAM —

LAND MANAGER
NAME David K. Kenagy ADNR SIGNATURE

☒ YES ☐ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:
Though little oil was observed in this area, grassy areas on both sides of Port Dick Creek and tidal islands within the creekbed were not surveyed because of extensive vegetation. An early spring survey is needed before grasses and other vegetation make an accurate and complete survey difficult. This subdivision is in an ADF&G listed anadromous stre

EXXON
NAME Jon Czarnecki SIGNATURE Jon Czarnecki

☐ YES ☒ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:

The very light oil that is on the mouth of the River is IN the rocks And Next to the Archeological site. The up River Side of this Segment looks good.

ACE 10493857 +/S

REVISION NO. 7/26/90

ACE 1940648 +/S

ASAP SHORELINE OILING SUMMARY

TEAM NO. 04 EXXON Jon Czarnecki SEGMENT AS PD-03
OG Rich Marty ~~USGS~~ USCG AEC Vandepels SUBDIVISION A
ADEC Clara Crosby LAND REP Dave Kenagy TOTAL NO. SITES 1
DATE 05 / Aug / 90 TIME 09:20 to 09:45 TIDE LEVEL -0.5' to -0.5'
TOTAL EST LENGTH OF SHORELINE SURVEYED: 500 m
SURVEYED FROM: ☒ Foot ☐ Boat ☐ Helo WEATHER: ☒ Sun ☐ Clouds ☐ Fog ☐ Rain ☐ Snow
OIL CATEGORY LENGTH: W — m M — m N — m VL 250 m NO 250 m US 1300 m

SURFACE OIL

CHARACTER	SITE 1 DISTRIBUTION /C	/B	/P	/S	SITE 1 OILED ZONES SU	UI	MI	LI	SITE 2 DISTRIBUTION /C	/B	/P	/S	SITE 2 OILED ZONES SU	UI	MI	LI	SITE 3 DISTRIBUTION /C	/B	/P	/S	SITE 3 OILED ZONES SU	UI	MI	LI
ASPHALT																								
S.O.R.																								
POOLED																								
COVER																								
COAT	—	—	—	X	—	X	—	—																
STAIN																								
MOUSSE	—	—	—	I	—	I	—	—																
PATTIES/T.B.																								
FILM																								
NO OIL					X	—	X	X																
EST. SITE LENGTH					1800																			

SUBSURFACE OIL

SITE NO.	PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER OP	OR	OF	NO	OILED INTERVAL (CM-CM)	CLEAN BELOW (Y/N)	PIT ZONE SU	UI	MI	LI	SURFACE-SUBSURFACE SEDIMENTS
NO	Pits						.						
							.						
							.						
							.						
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							.						
							.						

Photographs:
Roll No.
Frames

ACE 10493858

ACE 1940649

COMMENTS The computer map does not reflect the extensive estuary which was treated. Tall grasses prevented evaluation of this area during the ASAP, but it was treated. Oiling remaining near the mouth of the estuary is minor. There is somewhat more oil near the "archaeologic" site at the estuary mouth.

REVISION NO. 7/27/90

SEGMENT ST PD-003

SUBDIVISION A.C.U.F.

DATE 4/12/90

SKETCH MAP

Annotations R. Marty
08/05/90

CHECKLIST

- N Arrow
- Approx. Scale
- Seg/Sub Bndry
- Oil Dist.
  - Width
  - Length
  - % Cover
- Substrate Character
- Est. HWL&WL
- SSL
- Profile Location(s)
- Profile(s)
- Pit Location(s)
- Photo Location(s)

LEGEND

1 ▲
PR - No Subsurface Oil

2 ▲
PR - Subsurface Oil

CT/C
Continuous Distribution

CT/B
Broken Distribution

CT/P
Patchy Distribution

CT/S
Splashed Distribution

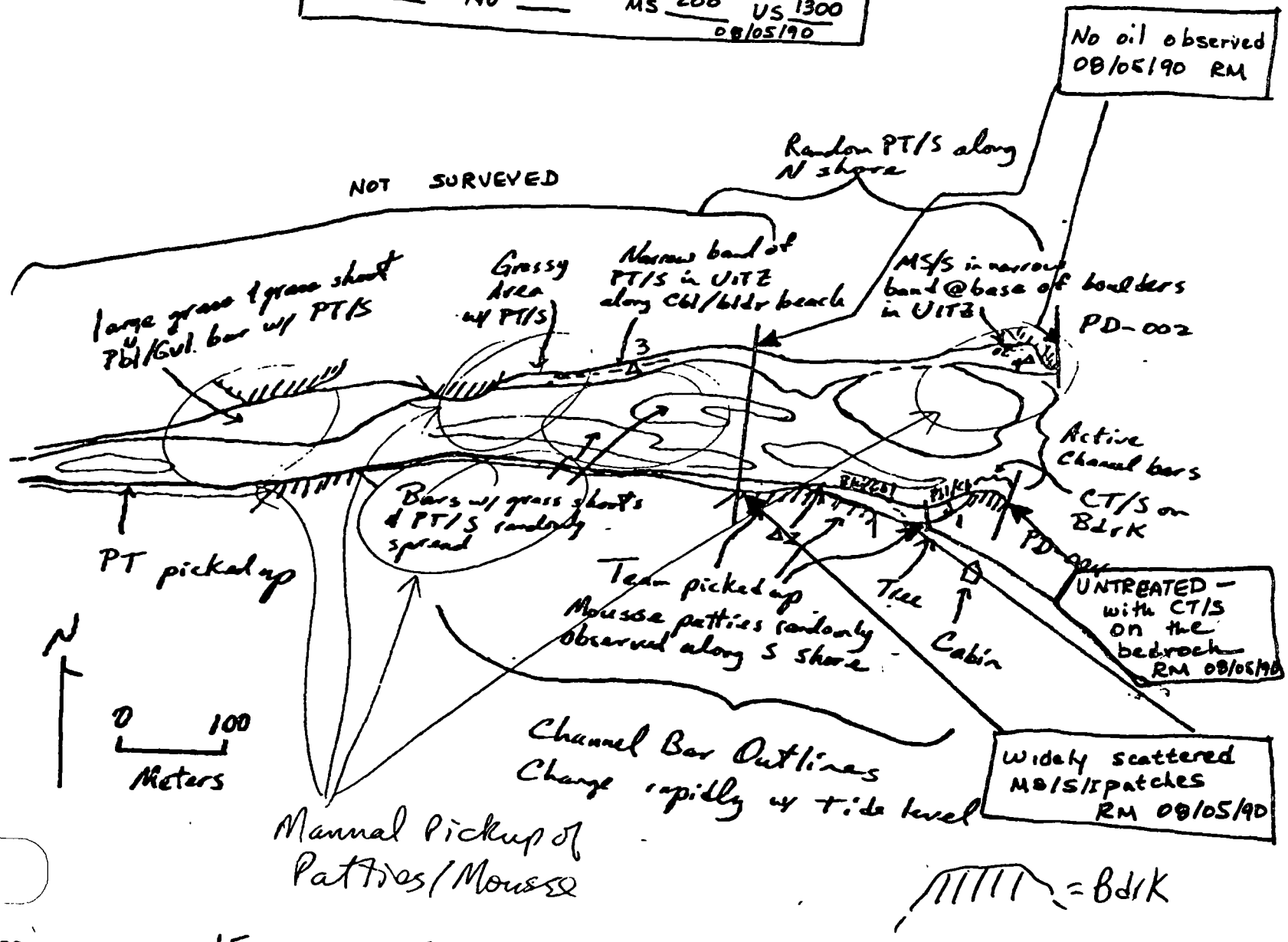
Oiled Vegetation

Photo location, direction, and number

ACE 1040859

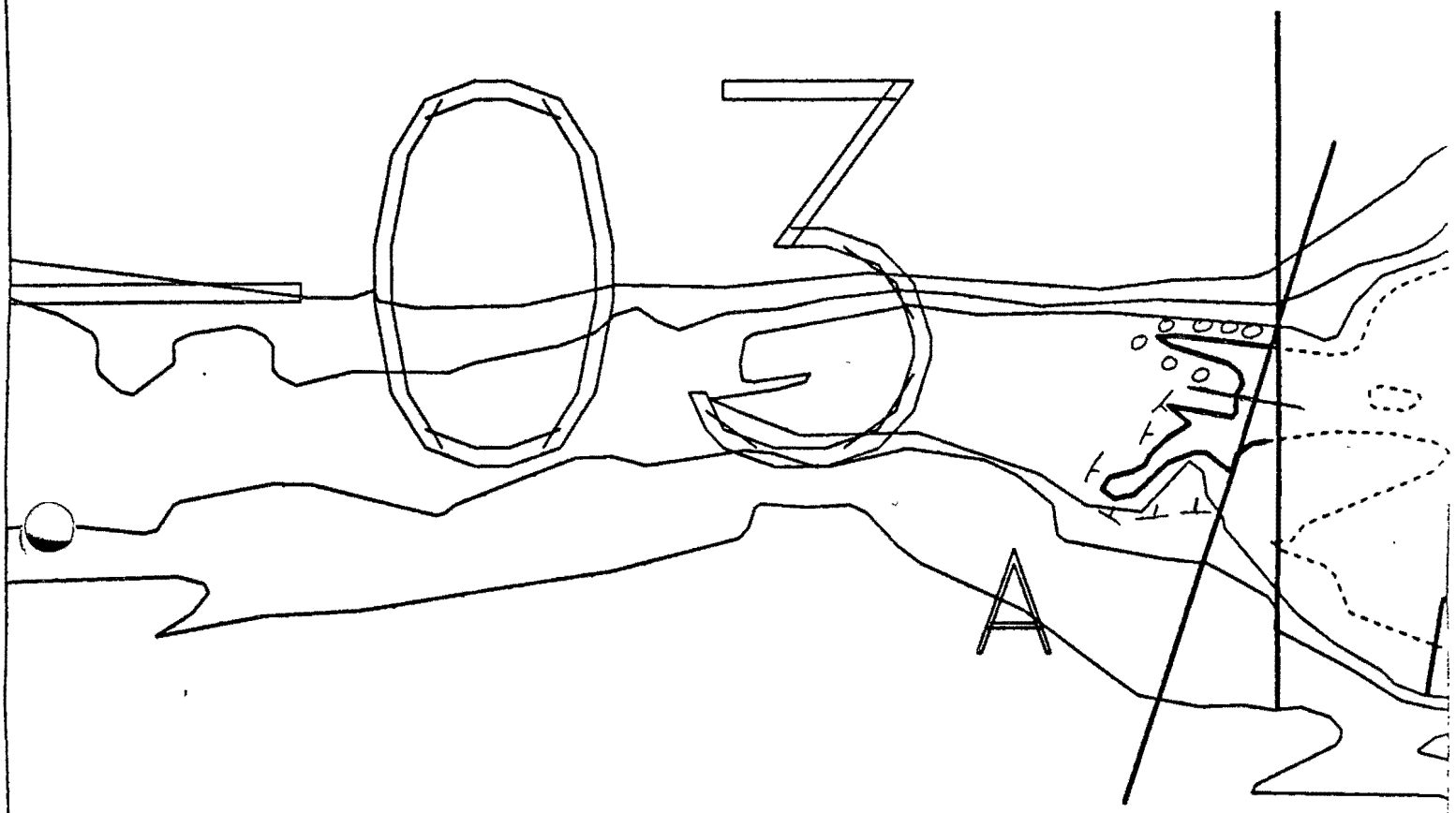
ACE 1940650

CT 50 NO 250 MS 200 US 1300
08/05/90



Character Length (m) AP ____ PO ____ CV ____ CT 15 ST ____ MS 5 PT 780 TB ____ FL ____ NO 1000

REVISION



ACE 10493860 -1S

ACE 1940651 -1S

SEGMENT PD-3

Segment Location Map

Map Key: KENPD-3

METERS

0 162 323

July 18, 1990

1:6360

ASC NUMBER: 242-42-10460 SEGMENT NUMBER: PD-03 YR CATALOGED:
LOCATION:
STREAM NAME: Port Dick Crk LATITUDE: 59 18 36
KODIAK K-UNIT: . LOCAL STREAM #: LONGITUDE: 151 18 32
USGS QUADRANGLE: Seldovia B-4 LEGAL:
SHORELINE TYPE: Beach ALL SEGMENTS:
WAVE EXPOSURE: M

ASC NUMBER:
SURVEY TYPE: SS FOOT
METHOD:
DATE: 4/17/90
START TIME: 1440
STOP TIME: 1617

TEAM RECORDER: Hill
OBSERVERS: Botkin, McLaney
USCG ADF&G
AGENCY(IES):

PHOTOS TAKEN? y
Roll #: 900DHD6H Frames: 15, 16, 17
VIDEO TAKEN? N Tape Number:
Counter Start:

SAMPLES TAKEN?
SAMPLE I.D. NUMBERS: 1. ODH/sm-4/17/90-1500 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: L

OIL IN STREAM CHANNEL? N

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? y

SPECIES	Pink Fry				
COUNT					

COMMENTS: Oil sample taken approx. 91m upstream of the mouth of Port Dick Creek

ACE 10493861 4/5

Pre-Screening

ADF&G MULTI-ASSESSMENT DATA FORM

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

METHOD: Aerial (Ground) Boat

3 DATE: 4/17/90 15 HIGH TIDE TIMES: 0055 / 21 TEAM RECORDER: Doug Hill

4 START TIME: 1440 16 HIGH TIDE HTS: 10.4 / 22 OBSERVERS: Susan McLane, Jackie Botkin (USCG)

5 STOP TIME: 1617 17 LOW TIDE TIMES: 1318 / 23 AGENCY: ADF&G

6 SEGMENT #: PD-03 18 LOW TIDE HTS: 2.0 / 24 PHOTOS TAKEN: (Y) N

7 STATION #: 19 TIDE HT AT SURVEY: Roll #: 90DDH06M Frame: 15,16,17

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

9 STAT AREA: 20 USCG QUAD: Seldovia B-4 Start: End:

10 LAT: 59 18 36 11 LONG: 151 18 52 26 SAMPLES TAKEN? (Y) N Number

12 SOURCE: Map Loran (BD) DOH/sm-4/17/90-1500

13 LOCATION: KP, DC, Port Dick, West Arm Sediment

14 DESCRIPTION: Head of Port Dick Biological

EXTENT OF OIL Water

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

36 CATALOGED ANAD. FISH SREAM? (Y) N

37 CATALOG #: 242-42-10460

38 STREAM NAME: Port Dick Creek

39 OIL IN STREAM BED? Y (N)

40 OIL ON STREAM BANKS? (Y) N

30 OVERALL OIL IMPACT: N VL (L) M H

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

31 OIL TYPE: Pooled (Mousse) (Tar) (Asphalt) (Sticky) (Stain)

42 OIL WITHIN 1 MILE OF STREAM? (Y) N

32 OILED DEBRIS? Y (N) Where: PD-1, PD-2, PD-4

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

43 ANADROMOUS FISH PRESENT? (Y) N

34 WAVE EXPOSURE: High (Moderate) Low

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground
Pink fry		
ACE 10493862		

35 SUBSTRATE TYPE: Bedrock Boulder Cobble

Gravel Sand Mud/silt

COMMENTS: Walked Intertidal portion of stream + PD-4 to Ceres/USGS survey Marker). Tar mats + puddles observed over ≈ 40% of distance from PD Creek mouth to ceres (Oil: < 3" thick + 8" to 4' mats) between cobbles & boulders. Also walked beach from PD Creek mouth to Slide Creek → Tarpatties found (1 per 25') in cobble interstices.

ST, CT + CV observed <<< 1% along PD-Creek. ST CT CV < 1% on beaches at mouth of PD-Creek

45 PHOTOLOG

FRAME(S)	DESCRIPTION
15	Sample # DDH/SM - 4/17/90-1500/Taken 300 yds upstream
16	" " " " "
17	" " " " "

46 OIL DISTRIBUTION DIAGRAM

= Sample taken

= Photo frame # and shot direction.

ACE 10493863 - 15

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: 5-5-90
15 HIGH TIDE TIMES: 11:41 / 23:54
21 TEAM RECORDER: L. Glenn

4 START TIME: 3:00 PM
16 HIGH TIDE HTS: 9.9 / 11.8
22 OBSERVERS: L. Glenn

5 STOP TIME: 7:30 PM
17 LOW TIDE TIMES: 5:39 / 17:34
23 AGENCY: A.D.F&G.

6 SEGMENT #: PD-3
18 LOW TIDE HTS: 1.9 / 2.0
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#: No 90 LPG-022 H

9 STAT AREA:
20 USCG QUAD:
Start: End:

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

12 SOURCE: Map Loran
Oil

13 LOCATION: West Arm of Port Dick
Sediment

14 DESCRIPTION: Port Dick Creek
Biological

Water

EXTENT OF OIL

	SHORELINE L	W	M²	%	STREAM L	W	M²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								

36 CATALOGED ANAD. FISH SREAM? **Y** N
37 CATALOG #:
38 STREAM NAME: Port Dick Cr.
39 OIL IN STREAM BED? Y N
40 OIL ON STREAM BANKS? **Y** N

30 OVERALL OIL IMPACT: N **VL** L M H
41 OIL ON BEACH ADJACENT TO MOUTH? **Y** N (within 50 meters)

31 OIL TYPE: Pooled **Mousse** **Tar** Asphalt Sticky Stain
42 OIL WITHIN 1 MILE OF STREAM? **Y** N

32 OILED DEBRIS? **Y** N
Where:

33 SHORELINE TYPE: Headland Low-lying Rocks **Beach** Cove Lagoon **Marsh**
43 ANADROMOUS FISH PRESENT? Y **N**

34 WAVE EXPOSURE: High Moderate **Low**

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

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

ACE 10493864 →7

ACE 1955945

COMMENTS: Monitor Exxon work crew (9 people) and supervisor John Czarnecki cleanup of oil at Port Dick Creek - Crew picked up oil on grass covered islands of creek area, on rocky shoreline south side and on beach adjacent to the mouth of the stream on west side (30 bags picked up here). This section was in PD-4 Exxon wanted to pick it up. Coast Guard objected without work order.

Eleven [illegible] oil picked up on the grass covered area of Port Dick Creek - worked 800 meters up stream.

45 PHOTOLOG

FRAME(S)	DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

ACE 10493865-10

= Sample taken

= Photo frame # and shot direction.

ACE 1955946

MAYSAP - Port Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

1) SURVEY TYPE: (BS) SS ANAD — 2) REGION: PWS (KP,CI) K,AP — OK

3) METHOD: Aerial (Ground) Boat

4) DATE: 5/14/91 — 16) HIGH TIDE TIME: 1458/1601 — 22) TEAM RECORDER: Doug Hill (ADF&G) Lee Glenn (ADF&G) Duncan Fitzgerald (O

5) START TIME: 1035 — 17) HIGH TIDE HTS: 20.7/18.7 — 23) OBSERVERS: _____

6) STOP TIME: 1140 — 18) LOW TIDE TIMES: 0935/0942 — 24) AGENCY: _____

7) SEGMENT #: PD-03A — 19) LOW TIDE HTS: -4.7/1.5 — 25) PHOTOS TAKEN: (Y) N

8) K-UNIT: _____ — 20) TIDE HT AT SURVEY: -3.3/-3.0 — ~~TAKEN BY NOAA Rep - See MAYSAP Report~~ ROLL #: NOAA 6-14 FRAMES: 14,15,16

9) LAT: 59 18 36 — Ebb Slack Flood Slack — 26) VIDEO TAKEN: Y (N)

10) LONG: 151 18 52 — 21) USCG QUAD: Seldovia B-4 — TAPE # _____

11) ASC #: 242-42-10460 — START: _____ STOP: _____

12) STREAM NAME: Port Dick Creek — 27) SAMPLES TAKEN? Y (N)

13) LOCATION: KPDC, Port Dick, West Arm — SAMPLE I.D. _____

14) WAVE EXPOSURE: High (Moderate) Low

15) SHORELINE TYPE: Headland (Low-lying Rocks) Beach

Cove Lagoon Marsh

28) EXTENT OF OIL

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1 A	1	1	1	<1	—	—	CT/MS
SITE 2 B	5	1	5	<1	—	—	TB
SITE 3							
SITE 4							
SITE 5							

29) OVERALL OIL IMPACT:

H = >6m band with ≥50% oil coverage

M = >6m band with ≤ 50% oil coverage or ≥3m to ≤6m with ≥10% oil coverage

L = <3m band with >10% oil coverage

(VL) = ≤10% oil coverage regardless of band width

N = No oil observed

30) OIL IN STREAMBED: (Y) N

31) OIL ON BEACH ADJACENT TO MOUTH: (Y) N

32) SUBSTRATE TYPE (PERCENT):

Bedrock ____ Boulder ____ Gravel 70% Sand 10% Cobble 20% Mud/Silt ____

33) ANADROMOUS FISH PRESENT: Y (N)

34) WILDLIFE OBSERVATION

Species	Number
Fresh Black Bear Scat (Green-observed large patches of grass that had been grazed on.	
Least Sandpipers	(20)
Arctic Tern	(1)
Bonaparte Gull	(1)
Glaucous Winged Gulls	(10)
Pink Salmon Fry	(6)
Least Sandpipers	(10)
OTTER SCAT pile	

35) COMMENTS: The entire intertidal portion of the creek was surveyed. Trace oil remains. The Exxon workers picked up approximately 15 pounds of oiled sediment (the majority was removed from the point of land on the south shore at the creek mouth.

A significant amount of oil covered the entire intertidal portion of Port Dick Creek in 1989. Greg Demers (ADF&G) Bill Day & Sand Cronland (ADNR) spent a considerable amount of time picking up oil and directing work crews in 1989.

4 Pink Salmon fry were collected for possible MFO analysis.

36) PHOTOLOG

FRAME(S)	DESCRIPTION
	SEE MAYSAP Photo site location MAP - Photos were taken by Gary Shigenaka of NOAA: Roll # 6-14 Frames 14 thru 16

SEE OG MAP from MASAP Report

▲ = Sample Taken
2↗ = Photo Frame # and Shot Direction

A:EDDATFO
April 3, 1991

MAYSAP - Port Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

1) SURVEY TYPE: (BS) SS ANAO

2) REGION: PWS (KP,CI) K,AP

3) METHOD: Aerial (Ground) Boat

DATE: 5/14/91

5) START TIME: 1035

6) STOP TIME: 1140

7) SEGMENT #: PD-03A

8) K-UNIT: _____

9) LAT: 59 18 36

10) LONG: 151 18 52

11) ASC #: 242-42-10460

12) STREAM NAME: Port Dick Creek

13) LOCATION: KPDC, Port Dick, West Arm

14) WAVE EXPOSURE: High (Moderate) Low

15) SHORELINE TYPE: Headland (Low-lying Rocks) Beach

Cove Lagoon Marsh

16) HIGH TIDE TIME: 1458/1601

17) HIGH TIDE HTS: 20.7/18.7

18) LOW TIDE TIMES: 0935/0942

19) LOW TIDE HTS: -4.7/1.5

20) TIDE HT AT SURVEY: -3.3/-3.0

Ebb Slack Flood Slack

21) USCG QUAD: Seldovia B-4

22) TEAM RECORDER: Doug Hill (ADF&G) Duncan Fitzgerald (OC
Lee Glenn (ADF&G)

23) OBSERVERS: _____

24) AGENCY: _____

25) PHOTOS TAKEN: (Y) N
TAKEN BY NOAA Rep - See MAYSAP Report
ROLL #: _____ FRAMES: _____

26) VIDEO TAKEN: Y N

TAPE # _____

START: _____ STOP: _____

27) SAMPLES TAKEN? Y (N)

SAMPLE I.D. _____

28) EXTENT OF OIL

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1 A	1	1	1	<1	—	—	CT/MS
SITE 2 B	5	1	5	<1	—	—	TB
SITE 3							
SITE 4							
SITE 5							

29) OVERALL OIL IMPACT:

H = >6m band with ≥50% oil coverage

M = >6m band with ≤ 50% oil coverage or ≥3m to ≤6m with ≥10% oil coverage

L = <3m band with >10% oil coverage

(VL) = ≤10% oil coverage regardless of band width

N = No oil observed

ACE 10493866 HP

30) OIL IN STREAMBED: (Y) N

31) OIL ON BEACH ADJACENT TO MOUTH: (Y) N

32) SUBSTRATE TYPE (PERCENT):

Bedrock ____ Boulder ____ Gravel 70% Sand 10% Cobble 20% Mud/Silt ____

33) ANADROMOUS FISH PRESENT: Y N

34) WILDLIFE OBSERVATION

Species	Number
Fresh Black Bear Scat (Green-observed large patches of grass that had been grazed on.	
Least Sandpipers	(20)
Arctic Tern	(1)
Bonaparte Gull	(1)
Glaucous Winged Gulls	(10)
Pink Salmon Fry	(6)
Least Sandpipers	(10)
OTTER SCAT pics	

35) COMMENTS: The entire intertidal portion of the creek was surveyed. Trace oil remains. The vessel workers picked up approximately 15 pounds of oiled sediment (the majority was removed from the point of land on the south shore at the creek mouth.

A significant amount of oil covered the entire intertidal portion of Port Dick Creek in 1989. Greg Demers (ADF&G) Bill Day & Sand Cronland (ADNR) spent a considerable amount of time picking up oil and directing work crews in 1989.

4 Pink Salmon fry were collected for possible MFO analysis.

36) PHOTOLOG

FRAME(S)	DESCRIPTION
	SEE MAYSAP Photo site location MAP - Photos were taken by Gary Shigenaka of NOAA: Roll # 6-14 Frames 14 thru 16

SEE OG MAP from MASAP Report

ACE 10493867

△ = Sample Taken
2↗ = Photo Frame # and Shot Direction

A:EDDATFO
April 3, 1991

EXXON MAYSAP

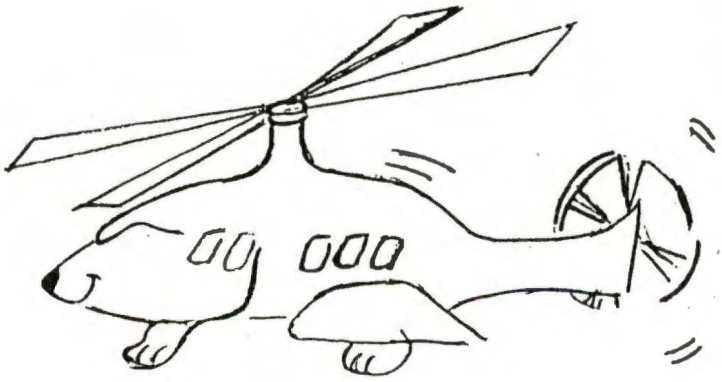
May Shoreline Assessment Program

1991

SEGMENT: PD-3

SUBDIVISION: A

DATE: 14 MAY 1991



Team # 6 Pumas

MAYSAP FIELD SHORELINE COMMENT SHEET

TEAM NO. 6-Hclo SEGMENT PD-3 SUBDIVISION A DATE 14 / May / 91

ADEC
NAME D. Hill of ADF&G SIGNATURE Douglas D. Hill

[X] NTR A trace of oil remains — Looks Good.

*

EXXON
NAME R Coulter SIGNATURE Reg R. Coulter

[✓] NTR I CONCUR WITH COMMENTS OF OTHER REPS. NO FURTHER CONSIDERATION IS NEEDED.

LANDMANAGER
NAME J. Johnson OF AONR SIGNATURE

[X] NTR
Concur with USCG/NOAA comments. Very little oil observed, no sheening observed in Port Dick creek, minor SOR. Though this segment is within Kachemak Bay State wilderness park, the initiation of further cleanup activities within this segment would probably not be justified.

USCG/NOAA
NAME Chief Jensen / G. SHIGENAKA SIGNATURE

[X] NTR There is no longer any detectable oil present on the water, adjoining shorelines, or places where it is likely to reach the water again.

SURVEYED PORTION OF THE SEGMENT WAS THE WESTERN END OF THE WEST ARM OF PORT DICK, AN ANADROMOUS STREAM WHICH EXPERIENCED A NOTABLE DEGREE OF OILING IN 1989. BOTH NORTH AND SOUTH BANKS OF THE STREAM (DICK CREEK) AS WELL AS ANY ISLANDS IN THE STREAM (HEMINGWAY, 1938) WERE ASSESSED. RELATIVELY MINOR AMOUNTS OF SOR WERE OBSERVED ON THE NORTH BANK, AND OILED SUBSTRATE WAS RECOVERED TO THE EXTENT POSSIBLE. ONE MOUSSE PATTY WAS FOUND AND RECOVERED ON THE SOUTH BANK. DESPITE WHAT WAS DESCRIBED BY ADF&G REPS AS EXTENSIVE OILING IN THE LOWER REACHES OF THE CREEK, STREAMSIDE VEGETATION APPEARED HEALTHY. STRANDED PINK SALMON JUVENILES (LIVE AND DEAD) WERE SEEN ALONG THE CREEK, AND SOME WERE RECOVERED BY ADF&G FOR HFO ANALYSIS. THE SOUTHEASTERN END OF THE SURVEYED PORTION INCLUDED AN APPARENT ARCHEOLOGICAL SITE, AND AT LEAST ONE ARTIFACT WAS OBSERVED. ADNR REP SHOULD BE CONTACTED FOR MORE INFO ON THE LATTER.

ACE 10493869

MAYSAP SHORELINE OILING SUMMARY

TEAM NO. 6-Helo

SEGMENT PD-3

OG D. FitzGerald BIO T. SCHROEDER

SUBDIVISION A

ADEC D. Hill of ADF&G LANDMANAGER J. Johnson for ADNR

DATE 14 / MAY / 91

EXXON R. Coulter USCG/NOAA Chief Jensen / G. SHIGENAKA

TIME 10 : 35 to 11 : 40 TIDE LEVEL 0 ft. to 3.9 ft. ENERGY LEVEL: ☐ H ☐ M ☒ L

SURVEYED FROM: ☒ FOOT ☐ BOAT ☐ HELO WEATHER: ☐ SUN ☒ CLOUDS ☐ FOG ☒ RAIN ☐ SNOW

TOTAL LENGTH SHORELINE SURVEYED: 1964 m NEAR SHORE SHEEN: ☐ BR ☐ RB ☐ SL ☐ NONE

EST. OIL CATEGORY LENGTH: W ____ m M ____ m N ____ m VL 6 m NO 1958 m US ____ m

LOC	SURFACE OIL CHARACTER										SURFACE SEDIMENT	SHORE SLOPE	AREA		ZONE				NOTES
	AP	MS	TB	SOR	CV	CT	ST	FL	DB	NO	TYPE	V H M L	WIDTH m	LENGTH m	S	UI	MI	LI	
A		T				T					BR	L	1	1	X				IN CRACKS of BR outcrop
B			T								S-G-C	L	1	5			X		ON LONG. BARS

DISTRIBUTION: C = 91–100%; B = 51–90%; P = 11–50%; S = 1–10%; T = <1%

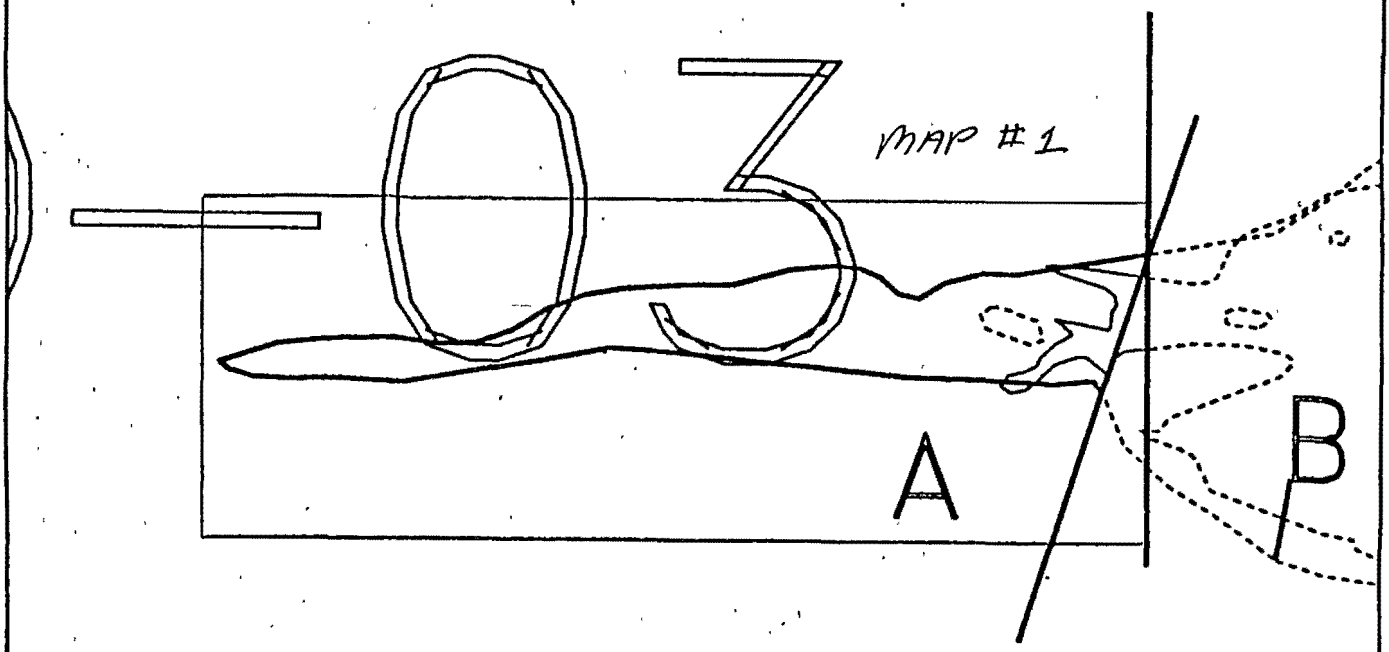
SLOPE: V = VERTICAL; H = HIGH ANGLE; M = MEDIUM ANGLE; L = LOW ANGLE PHOTO ROLL # MAYSAP- 6 - 14 - FRAMES 14-16

PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER							OILED ZONE cm-cm	CLEAN BELOW Y/N	H2O LEVEL (cm)	SHEEN COLOR B R S N	PIT ZONE				SURFACE-SUBSURFACE SEDIMENTS	NOTES
		OP	HOR	MOR	LOR	OF	TR	NO					S	UI	MI	LI		
									-									
									-									
									-									
									-									
									-									
									-									
									-									
									-									
									-									

SHEEN COLOR: B = BROWN; R = RAINBOW; S = SILVER; N = NONE

OG COMMENTS: This segment was the seaward, estuarine end of ANAD. Stream # 242-42-10460. The oiling of this site consisted of small tar patties containing a large percentage of sediment on the longitudinal bars. There was some highly weathered mousse in the cracks of the bedrock outcrop at the mouth of the stream in one small area ($1 m^2$). The oil reported by the NOAA representative (G. Shigenaka) was not observed by the OG, but it was in a region where previous oiling was documented.

ACE 10493870



PD003 A

METERS

0 200 400

AK State Plane Zone 4
NAD83

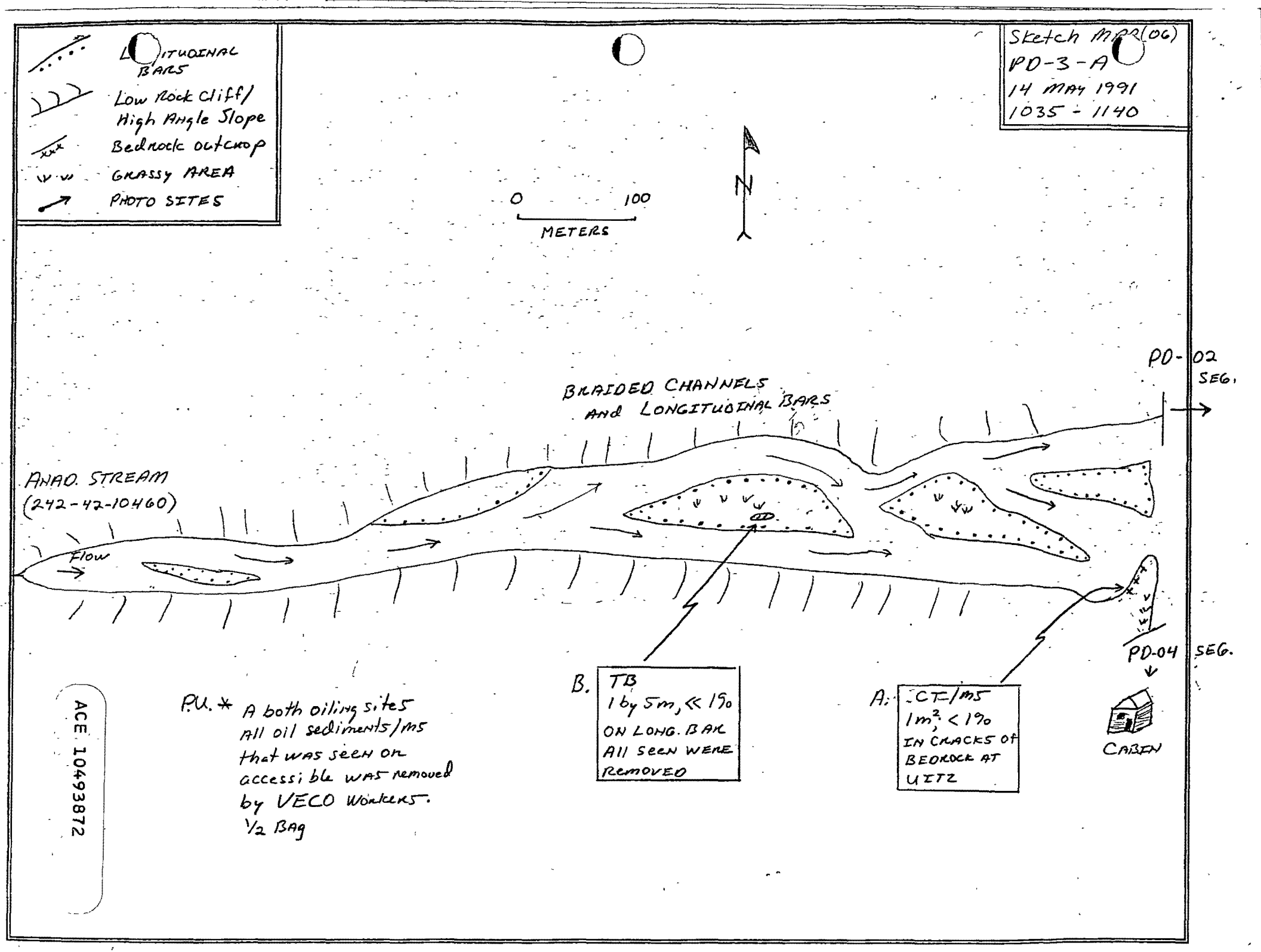
EXXON

Subdivision Field Map

Map Key: KENPD003A

Name: D. FitzGerald

Date: 14 MAY 1991


LONGITUDINAL BARS
Low Rock Cliff/ High Angle Slope
Bedrock outcrop
GRASSY AREA
PHOTO SITES
Sketch MAP(06)
PD-3-A
14 MAY 1991
1035 - 1140
0
100
METERS
N
PD-02 SEG.
BRAIDED CHANNELS and LONGITUDINAL BARS
ANAO. STREAM (242-42-10460)
Flow
PD-04 SEG.
CABIN
B. TB 1 by 5m, << 1%
ON LONG. BAR
All seen WERE Removed
A: CT/m5
1m²; < 1%
IN CRACKS of BEDROCK AT UITZ
P.U. * A both oiling sites All oil sediments/m5 that was seen on accessible was removed by VECO Workers. 1/2 Bag
ACE 10493872

LRP SUBDIVISION COMMENT SHEET - MAYSAP
(Please fill in for each subdivision surveyed).

TEAM#/PHASE: PD R & 3 DATE: 5-14-91

SUBDIVISION# A TIME: start ____ finish ____

LOCATION: PORT DIX

LRP REP: ROBERT PERRY

ADEC REP: Doug Hill

PHOTOS (example: CDV#1/Frames 7-14): NOAA

FIELD CONDITIONS:
See: MAYCAP Report

AGREE WITH ADEC COMMENTS ☐ YES ☐ NO EXPLAIN BELOW

COMMENTS:
TAR MAT AND MOOSE found in LAGOON of UNIT 3. IN VERY SMALL AMOUNTS.

GENERAL OILING DESCRIPTION:
Clean up should be performed, if crew is in this area. Special full scale attac on this unit, is not necessary

DEBRIS PICKED UP: 40#

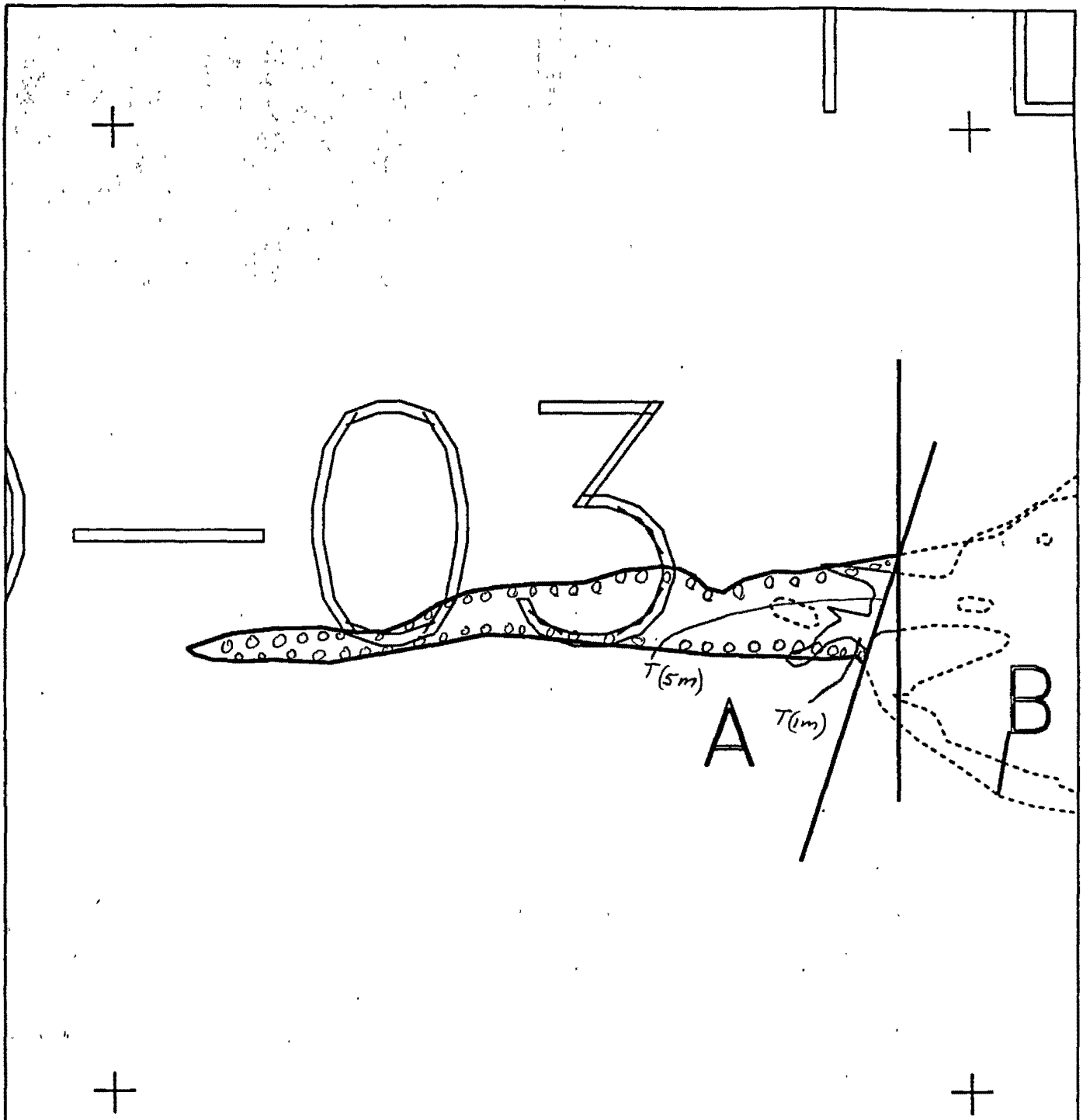
DEBRIS REMAINING: N/A

LRP RECOMMENDATION:

☐ TREATMENT RECOMMENDED ☒ NO TREATMENT RECOMMENDED

TYPE OF TREATMENT:

ACE 10493873



XXXX Wide
//// Medium
---- Narrow
TTTT Very Light
0000 No Oil

PD003 A

ADEC Subsegment Length: 1964m

METERS

0 200 400

AK State Plane Zone 4
apd003a

EXXON

Subdivision Field Map
Map Key: KENPD003A
Name: D Fitzgerald
Date: PD-3-A
Date Entered:

ACE 10493874

MAYSAP BIOLOGICAL SUMMARY FORM

TEAM # 6 DATE 5/14/91

SEGMENT # PD-003 TIDAL HEIGHT(Range) +3.5 to 0ft

SUBDIVISION A BIOLOGIST T.A. Schroeder

SEA STATE calm WIND SPEED/DIRECTION calm

PHOTOGRAPHS: ROLL # FRAME #

COMMENTS/OBSERVATIONS (to be completed in oiled subdivisions only):

This is the most productive spawning stream in the lower Cook Inlet area. No oil was observed in or along the intertidal spawning area. No oil was observed in the beach grass berms adjacent to the stream and the area looks very good. Filamentous algae, sea lettuce and beach peas were lush and thriving in this segment. The only evidence of past cleanup work in the area are some deep holes in the gravel berms adjacent to the stream. Even though large sections of the beach grass root system there were removed, the grass is regrowing and the intertidal area looks exactly as it did 16 years ago.

WILDLIFE OBSERVATIONS

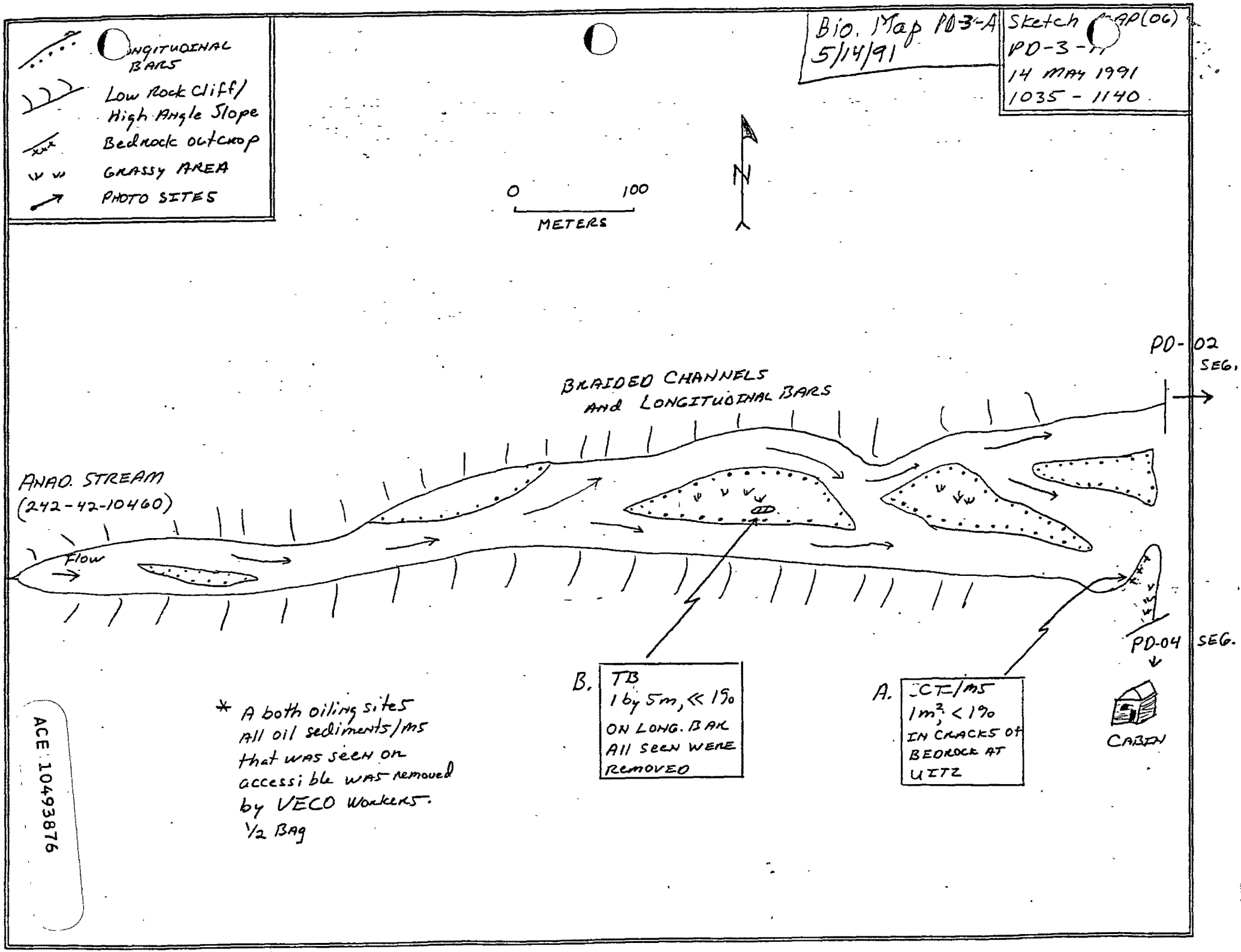
TO BE COMPLETED IN ALL SUBDIVISIONS

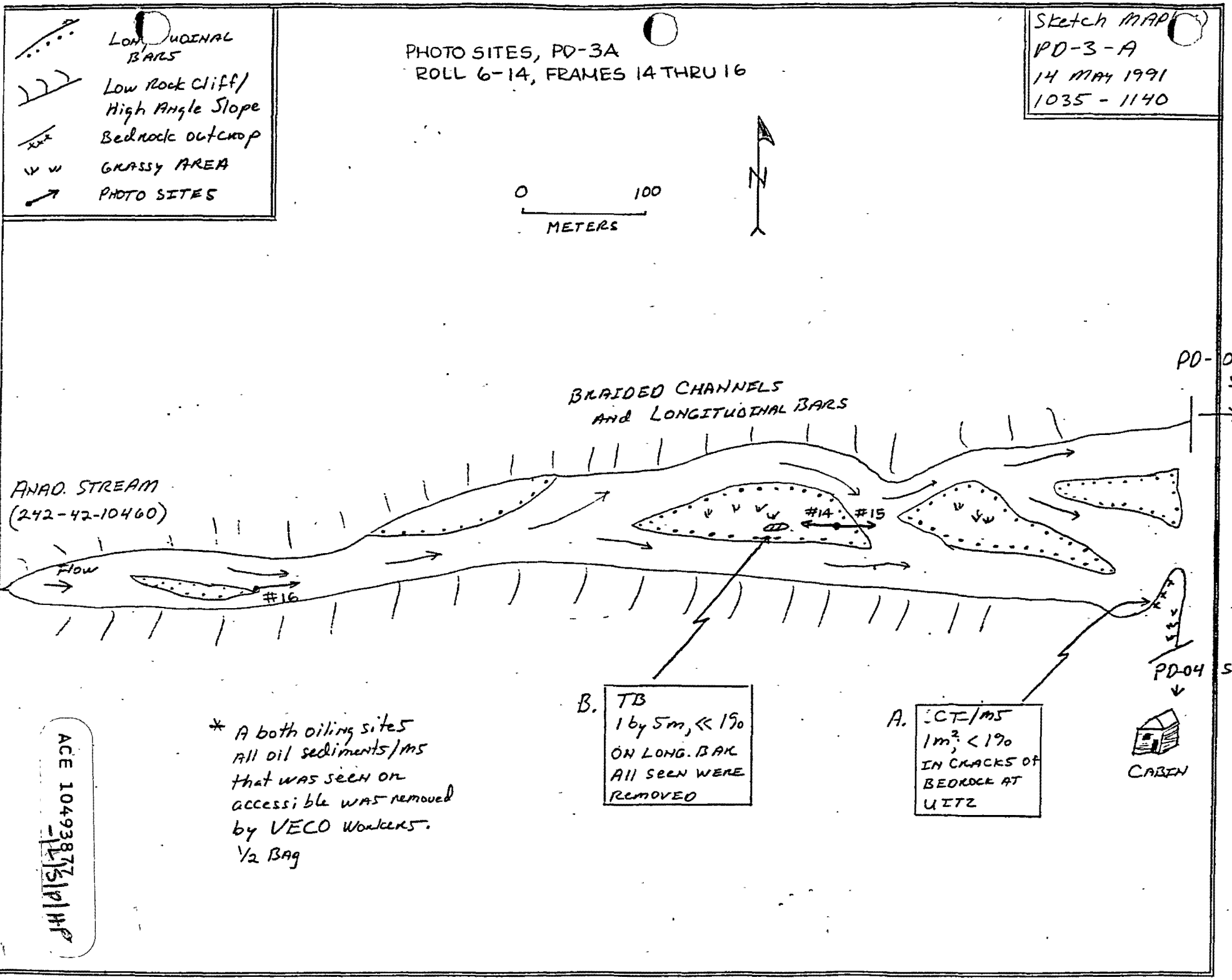
BIRDS	# OF SPECIES	TOTAL BIRDS	FISH OBSERVED SPECIES PRESENT
Eagles			2 pink salmon fry
Seabirds			
Waterfowl			
Gulls/Kittiwakes	1 gull	4	
Shorebirds	3 sandpiper, plover	9	
Corvids			
Other Birds			

MARINE MAMMALS	# OBSERVED	LAND MAMMALS SPECIES	# OBSERVED
Sea Otters			
Pinnipeds(specify)			
Whales(specify)			

ACE 10493875

Shoreline subdivision map showing important biological features attached.


LONGITUDINAL BARS
Low Rock Cliff/ High Angle Slope
Bedrock outcrop
GRASSY AREA
PHOTO SITES
Bio. Map PD-3-A
5/14/91
Sketch MAP(06)
PD-3-A
14 MAY 1991
1035 - 1140
0
100
METERS
N
PD-02 SEG.
BRAIDED CHANNELS and LONGITUDINAL BARS
ANAO. STREAM (242-42-10460)
Flow
PD-04 SEG.
CABIN
B. TB 1 by 5m, << 1%
ON LONG. BAR
All seen were removed
A. JCT/MS
1m², < 1%
IN CRACKS of BEDROCK AT UITZ
* A both oiling sites all oil sediments/ms that was seen on accessible was removed by VECO Workers. 1/2 Bag
ACE 10493876


LONGITUDINAL BARS
Low Rock Cliff/ High Angle Slope
Bedrock outcrop
GRASSY AREA
PHOTO SITES
PHOTO SITES, PD-3A
ROLL 6-14, FRAMES 14 THRU 16
Sketch MAP
PD-3-A
14 MAY 1991
1035 - 1140
0
100
METERS
N
PD-02 SEG.
BRAIDED CHANNELS and LONGITUDINAL BARS
ANAD. STREAM (242-42-10460)
FLOW
#16
#14
#15
PD-04 SEG.
CABIN
B. TB 1 by 5m, << 1% ON LONG. BAR All seen WERE REMOVED
A. CT-/MS 1m², < 1% IN CRACKS of BEDROCK AT UITZ
* A both oiling sites All oil sediments/MS that was seen on accessible was removed by VECO Workers. 1/2 Bag
ACE 10493872 PH

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2424210460
SEGMENT: PD003

PAGE 10 DATE PRINTED: 07/29/91

LOCATION: PORT DICK

SURVEY TYPE: 91 MAYSAP - ~~AA~~ SS METHOD: ~~GROUND~~ FOOT

DATE: 05/14/91 TEAM RECORDER: HILL FITZGERALD

START TIME: 1035 OBSERVERS: GLENN
END TIME: 1140

TIDES: ~~-3.3/-3.0~~ FLOOD AGENCY: FG
OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: - Y

STATION: 2424210460 ROLL#: -0- NOV96-14
FRAME: -0- M-16

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

SAMPLES TAKEN: N

SAMPLE NUMBERS: -0- -0-
-0- -0-
-0- -0-

OIL IN STREAM BED: Y

OVERALL OIL IMPACT: VL OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: MOD SHORELINE TYPE: LOW-LYING ROCKS

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 20 VEGETAT -0-
GRAVEL 70 SAND 10 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: - Y

SPECIES:	COUNT:
LEAST SANDPIPERS	30
ARCTIC TERN	1
BONAPARTES GULL	1
GLAUCOUS WINGED GULL	10
PINK SALMON FRY	6

END OF REPORT

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

DATE PRINTED: 07/29/91

STREAM# : 2424210460
SEGMENT#: PD003

SURVEY TYPE : 91 MAYSAP - SS
DATE: 05/14/91
TIMES: 1035 - 1140

LOCATION: PORT DICK

TEAM RECORDER: HILL FITZGERALD

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1A	-0-	-0-	1	1	1	<1	-0-	-0-	CT MS
1B	-0-	-0-	5	1	5	<1	-0-	-0-	TB

COMMENTS:
THE ENTIRE INTERTIDAL PORTION OF THE CREEK WAS SURVEYED. TRACE OF OIL REMAINS. THE VECO WORKERS PICKED UP APPROXIMATELY 15 POUNDS OF OILED SEDIMENT, THE MAJORITY WAS REMOVED FROM THE POINT OF LAND ON THE SOUTH SHORE AT THE CREEK MOUTH. A SIGNIFICANT AMOUNT OF OIL COVERED THE ENTIRE INTERTIDAL PORTION OF PORT DICK CREEK IN 1989. GREG DEMERS (ADF&G), BILL DAY AND SANDY CRONLAND (ADNR) SPENT A CONSIDERABLE AMOUNT OF TIME PICKING UP OIL AND DIRECTING WORK CREWS IN 1989. FOUR PINK SALMON FRY WERE COLLECTED FOR POSSIBLE MFO ANALYSIS.

ASC# 242-42-10460

1991 MAYSAP EVALUATION

SEGMENT: PD 003 **SUB:** A **REGION:** KEN **SURVEY DATE:** 5/14/91

ENVIRONMENTAL SENSITIVITIES:
Work Window(s) OPEN 5/1 - 7/10; RESTRICTED 7/10 - 9/15

Ecological/Constraints (see page two for details) Fish harvest area, Anadromous stream

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

SHPO Signature:_____ Date:_____

RECOMMENDATIONS:	INITIAL	TAG	FOSC
TREATMENT REQUIRED (Y or N)	N	N	
Manual Pickup (Check as Req.)			
Spot Washing			
Bio-Customblen Only			
Bio-Inipol/Customblen			
Other_____			
Other_____			

COMMENTS:
INITIAL: NTR

TAG: N TR

FOSC:

TAG APPROVAL DATE: 5/24/91 **FOSC APPROVAL DATE:**_____

ADEC_____ FOSC _____

EXXON_____

USCG_____

NOAA_____

ECOLOGICAL CONSTRAINTS
1991 FIELD ACTIVITIES

Fish Harvest Area: Unlimited treatment unless otherwise directed by ADF&G. Sheen containment/recovery procedures required for mechanical treatment.

Anadromous Stream: Unlimited treatment up to stream bank between May 15 and July 10. ADF&G approval required for work after July 10. Fish Habitat Permit required for instream work. ADF&G approval required for bioremediation within 100 meters of anadromous stream after July 10.

TEAM NO. 6-Hclo SEGMENT PD-3 SUBDIVISION A DATE 14 / May / 91

242-42-10460

ADEC
NAME D. Hill of ADFG SIGNATURE Douglas D. Hill

☒ NTR A trace of oil remains — Looks Good.

EXXON
NAME R Coulter SIGNATURE Roy R. Coulter

☑ NTR I CONCUR WITH COMMENTS OF OTHER REPS. NO FURTHER CONSIDERATION IS NEEDED.

LANDMANAGER
NAME J. JOHNSON OF AONR SIGNATURE

☒ NTR
Concur with USCG/NOAA comments. Very little oil observed, no sheening observed in Port Dick creek, minor SOR. Though this segment is within Kachemak Bay State wilderness park, the intrusion of further cleanup activities within this segment would probably not be justified.

USCG/NOAA
NAME Chief Jensen [redacted] SHIGENAKA SIGNATURE

☒ NTR There is no longer any detectable oil present on the water, adjoining shorelines, or places where it is likely to reach the water again.

SURVEYED PORTION OF THE SEGMENT WAS THE WESTERN END OF THE WEST ARM OF PORT DICK, AN ANADROMOUS STREAM WHICH EXPERIENCED A NOTABLE DEGREE OF OILING IN 1989. BOTH NORTH AND SOUTH BANKS OF THE STREAM (DICK CREEK) AS WELL AS ANY ISLANDS IN THE STREAM (HEMINSWAY, 1938) WERE ASSESSED. RELATIVELY MINOR AMOUNTS OF SOR WERE OBSERVED ON THE NORTH BANK, AND OILED SUBSTRATE WAS RECOVERED TO THE EXTENT POSSIBLE. ONE MOUSSE PATTY WAS FOUND AND RECOVERED ON THE SOUTH BANK. DESPITE WHAT WAS DESCRIBED BY ADF&G REPS AS EXTENSIVE OILING IN THE LOWER REACHES OF THE CREEK, STREAMSIDE VEGETATION APPEARED HEALTHY. STRANDED PINK SALMON JUVENILES (LIVE AND DEAD) WERE SEEN ALONG THE CREEK, AND SOME WERE RECOVERED BY ADF&G FOR MFD ANALYSIS

OG D. FitzGerald BIO J. SCHROEDER SEGMENT PD-3

ADEC D. Hill of AOF6 LANDMANAGER J. JOHNSON for AONR SUBDIVISION A

EXXON R. Coulter USCG/NOAA Chief JENSEN / G. SHIGENAKA DATE 14 / MAY / 91

TIME 10 : 35 to 11 : 40 TIDE LEVEL 0 ft. to 3.9 ft. ENERGY LEVEL: ☐ H ☐ M ☒ L

SURVEYED FROM: ☒ FOOT ☐ BOAT ☐ HELO WEATHER: ☐ SUN ☒ CLOUDS ☐ FOG ☒ RAIN ☐ SNOW

TOTAL LENGTH SHORELINE SURVEYED: 1964 m NEAR SHORE SHEEN: ☐ BR ☐ RB ☐ SL ☒ NONE

EST. OIL CATEGORY LENGTH: W — m M — m N — m VL 6 m NO 1958 m US — m

LOC	SURFACE OIL CHARACTER										SURFACE SEDIMENT	SHORE SLOPE	AREA		ZONE				NOTES
	AP	MS	TB	BOR	CV	CT	ST	FL	DB	NO	TYPE	V H M L	WIDTH m	LENGTH m	S	UI	MI	LI	
A		T				T					BR	L	1	1	X				IN CRACKS of BR outcrop
B			T								S-G-C	L	1	5			X		ON LONG. BARS

DISTRIBUTION: C = 81–100%; B = 51–80%; P = 11–50%; S = 1–10%; T = <1%

SLOPE: V = VERTICAL; H = HIGH ANGLE; M = MEDIUM ANGLE; L = LOW ANGLE PHOTO ROLL # MAYSAP- 6 - 14 FRAMES 14-16

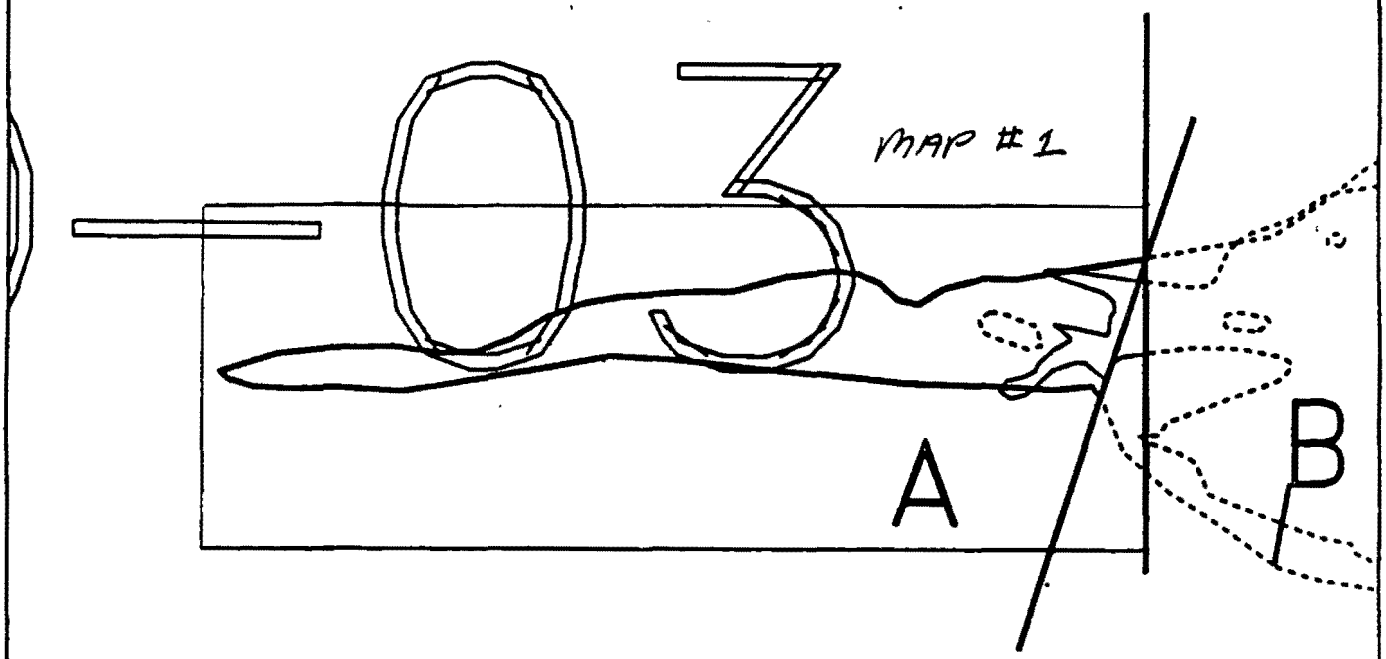
PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER							OILED ZONE	CLEAN BELOW	H2O LEVEL	SHEEN COLOR	PIT ZONE				SURFACE-SUBSURFACE SEDIMENTS	NOTES
		OP	HOR	MOR	LOR	OF	TR	NO	cm-cm	Y/N	(cm)	B R S N	S	UI	MI	LI		
									-									
									-									
									-									
									-									
									-									
									-									
									-									
									-									
									-									

SHEEN COLOR: B = BROWN; R = RAINBOW; S = SILVER; N = NONE

OG COMMENTS: This segment was the seaward, estuarine end of ANAD. Stream # 242-42-104 The oiling of this site consisted of small tar patties containing a large percentage of sediment on the longitudinal bars. The was some highly weathered mousse in the cracks of the bedrock outcrop at the mouth of the stream in one small area (1m²). The oil reported by the NOAA representative (G. Shigenaka) was not observed by the OG, but it was in a region where previous oiling was documented.

Reviewed 5.17.91 LJ

REVIEWED CC 17 MAY



PD003 A

Subdivision Field Map

Map Key: KENPD003A

Name: D. FITZGERALD

Date: 14 MAY 1991

METERS

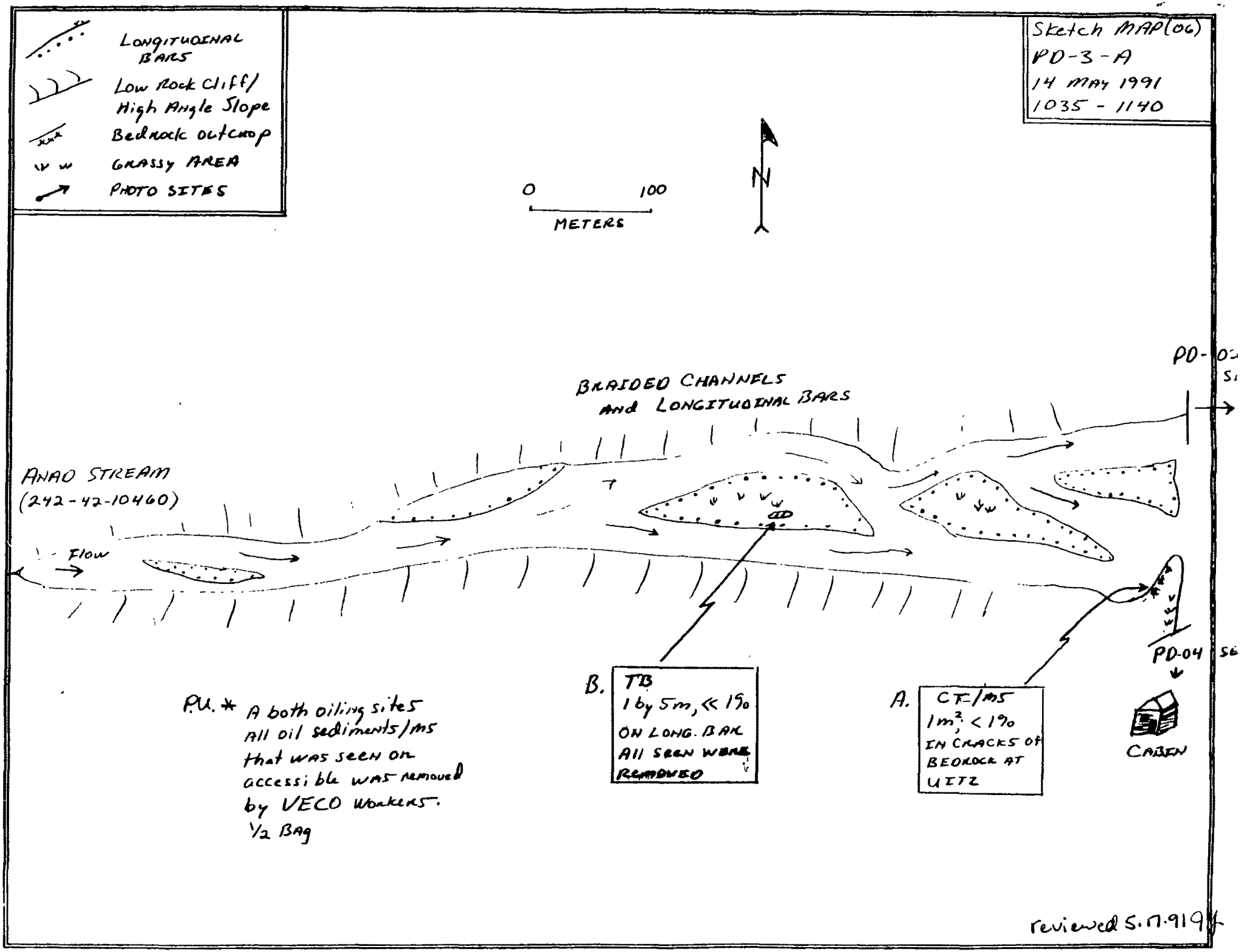
200 400

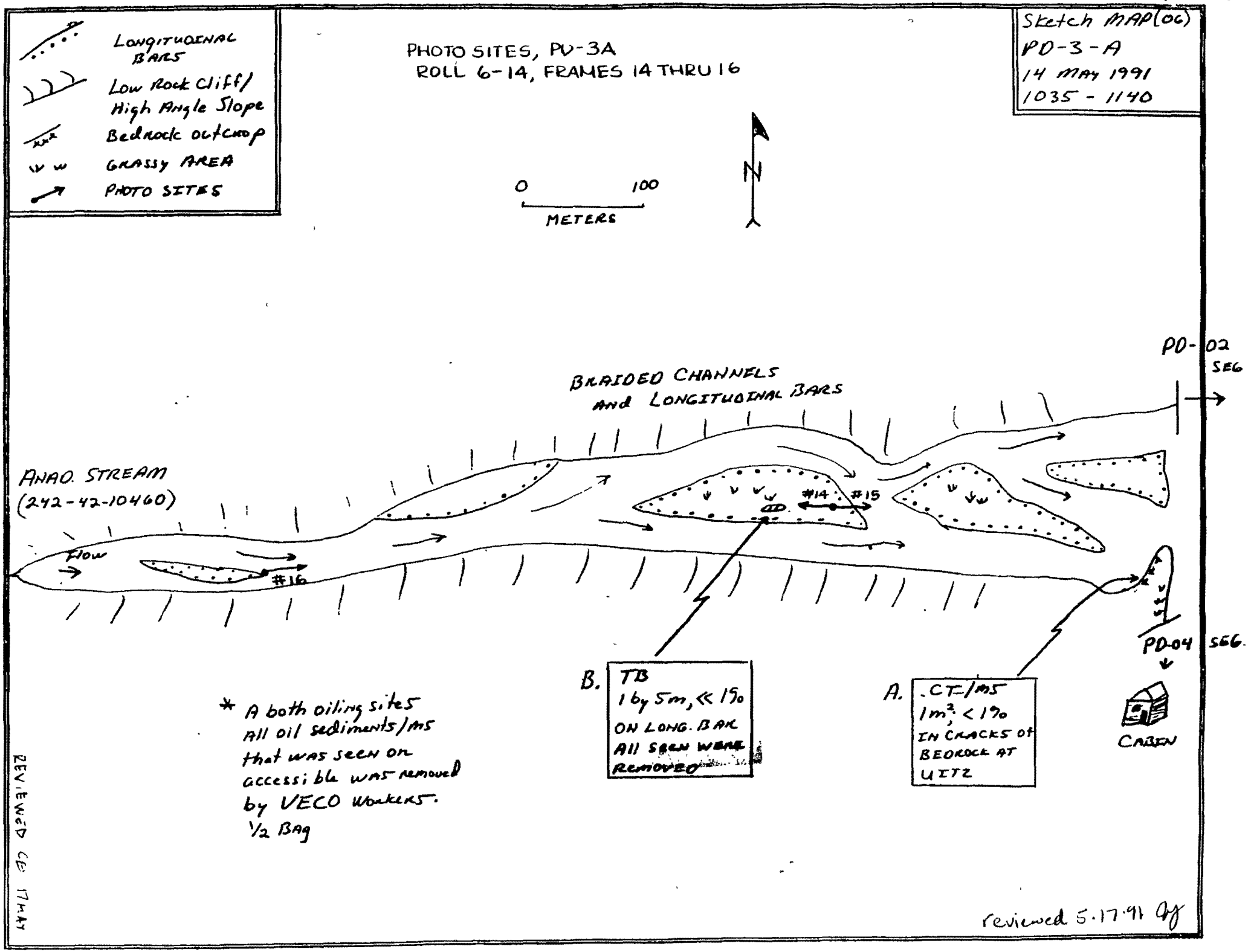
AK State Plane Zone 4

EXXON

reviewed 5.17.91 TJ

REVIEWED CF 17 MAY


LONGITUDINAL BARS
LOW ROCK CLIFF/ HIGH ANGLE SLOPE
BEDROCK OUTCROP
GRASSY AREA
PHOTO SITES
0
100
METERS
N
Sketch MAP(06)
PD-3-A
14 MAY 1991
1035 - 1140
BRAIDED CHANNELS AND LONGITUDINAL BARS
ANAO STREAM (242-42-10460)
Flow
PD-04
CABIN
B. TB 1 by 5m, << 1% ON LONG. BAR ALL SEEN WERE REMOVED
A. CT/MS 1m²; < 1% IN CRACKS OF BEDROCK AT UITZ
P.U. * A both oiling sites ALL oil sediments/MS that was seen on accessible was removed by VECO workers. 1/2 BAG
REVIEWED 05 17 MAY
reviewed 5.17.91


Longitudinal Bars
Low Rock Cliff/ High Angle Slope
Bedrock outcrop
Grassy Area
Photo Sites
PHOTO SITES, PV-3A
ROLL 6-14, FRAMES 14 THRU 16
Sketch MAP(OC)
PD-3-A
14 MAY 1991
1035 - 1140
0
100
METERS
N
PD-02 SEG
BRAIDED CHANNELS and LONGITUDINAL BARS
ANAO. STREAM (242-42-10460)
Flow
#16
#14
#15
PD-04 SEG.
CABIN
B. TB 1 by 5m, << 1%
ON LONG. BAR
ALL SEEN WERE REMOVED
A. CT/MS
1m², < 1%
IN CRACKS of BEDROCK AT UITZ
* A both oiling sites
All oil sediments/MS that was seen on accessible was removed by VECO Workers.
1/2 Bag
REVIEWED CE 17 MAY
reviewed 5.17.91 dj

MAYSAP BIOLOGICAL SUMMARY FORM

TEAM # 6	DATE 5/14/91
SEGMENT # PD-003	TIDAL HEIGHT(Range) +3.5 to 0ft
SUBDIVISION A	BIOLOGIST T.A. Schroeder
SEA STATE calm	WIND SPEED/DIRECTION calm
PHOTOGRAPHS: ROLL #	FRAME #

COMMENTS/OBSERVATIONS (to be completed in oiled subdivisions only):

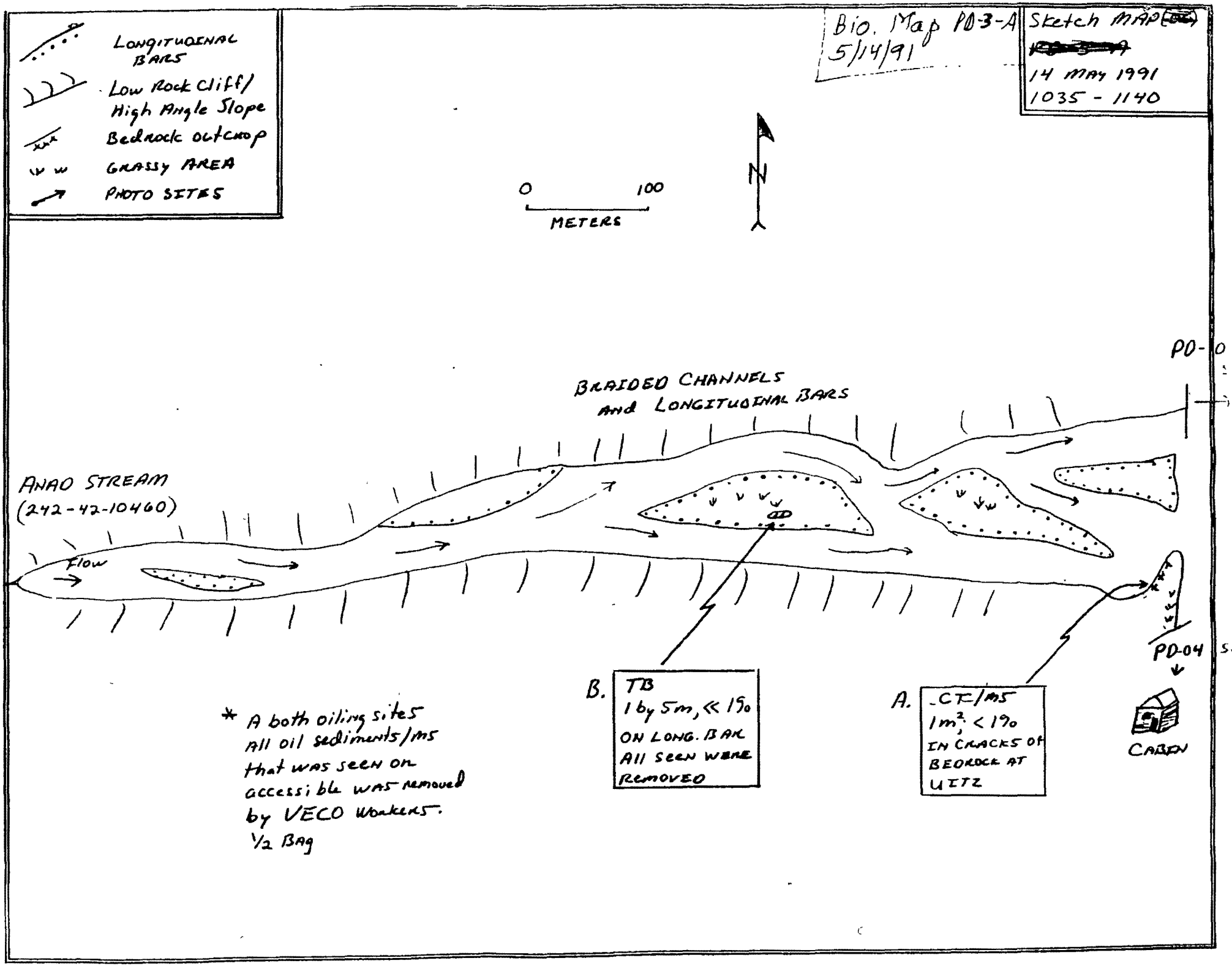
This is the most productive spawning stream in the lower Cook Inlet area. No oil was observed in or along the intertidal spawning area. No oil was observed in the beach grass berms adjacent to the stream and the area looks very good. Filamentous algae, sea lettuce and beach grass are lush and thriving in this segment. The only evidence of past spawning use in the area are pink salmon in the gravel berms adjacent to the stream. Even though large sections of the beach grass root system have been removed the grass is regrowing and the intertidal area looks exactly as it did 16 years ago.

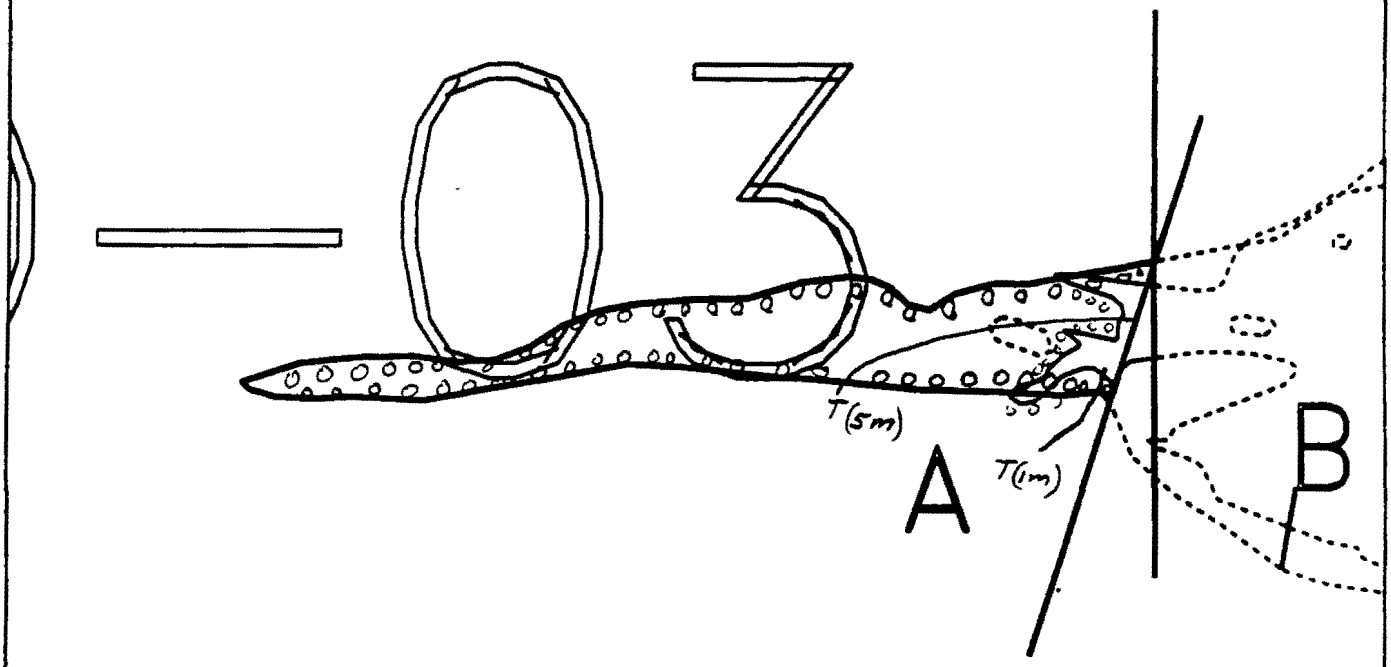
WILDLIFE OBSERVATIONS
TO BE COMPLETED IN ALL SUBDIVISIONS

BIRDS	# OF SPECIES	TOTAL BIRDS	FISH OBSERVED SPECIES PRESENT
Eagles			2 pink salmon fry
Seabirds			
Waterfowl			
Gulls/Kittiwakes	1 gull	4	
Shorebirds	3 sandpiper, plover	9	
Corvids			
Other Birds			

MARINE MAMMALS	# OBSERVED	LAND MAMMALS SPECIES	# OBSERVED
Sea Otters			
Pinnipeds(specify)			
Whales(specify)			

Shoreline subdivision map showing important biological features attached.


Bio. Map PD-3-A
5/14/91
Sketch MAP
14 MAY 1991
1035 - 1140
LONGITUDINAL BARS
Low Rock Cliff/ High Angle Slope
Bedrock outcrop
GRASSY AREA
PHOTO SITES
0
100
METERS
N
PD-0
BRAIDED CHANNELS and LONGITUDINAL BARS
ANAO STREAM (242-42-10460)
Flow
PD-04
B.
TB
1 by 5m, « 1%
ON LONG. BAR
All seen were removed
A.
CT/MS
1m², < 1%
IN CRACKS OF BEDROCK AT UITZ
CABIN
* A both oiling sites All oil sediments/MS that was seen on accessible was removed by VECO Workers. 1/2 Bag



XXXX	Wide	PD003 A	Subdivision Field Map
////	Medium	ADEC Subsegment Length: 1984m	Map Key: KENPD003A
----	Narrow	METERS	Name: D. Fitzgerald
TTTT	Very Light	0 200 400	Date: PD-3-A
0000	No Oil	AK State Plane Zone 4 apd003a	Date Entered:

Reviewed 5.17.91 -ff
REVISED CG 17 MAY

Maysap. Y
2424210460

1991 MAYSAP EVALUATION

SEGMENT: PD 003 SUB: A REGION: KEN SURVEY DATE: 5/14/91

ENVIRONMENTAL SENSITIVITIES:
Work Window(s) OPEN 5/1 - 7/10; RESTRICTED 7/10 - 9/15

Ecological/Constraints (see page two for details) Fish harvest area, Anadromous stream

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

SHPO Signature: Robert Van Orden Date: 5/24/91

RECOMMENDATIONS:	INITIAL	TAG	FOSC
TREATMENT REQUIRED (Y or N)	N	N	N
Manual Pickup (Check as Req.)			
Spot Washing			
Bio-Customblen Only			
Bio-Inipol/Customblen			
Other			
Other			

COMMENTS:
INITIAL:

TAG:

FOSC:

TAG APPROVAL DATE: MAY 24 1991 FOSC APPROVAL DATE: 5/29/91

ADEC

EXXON

USCG

NOAA

FOSC

E. E. PAGE, CDR, USCG
CHIEF OF STAFF, FOSC

MAYSAP

1991 STATE WORK ORDER
EXXON VALDEZ OIL SPILL PROJECT
STATE OF ALASKA

KENAI

SEGMENT: PD003 **SUBDIVISION:** A **SITE:**

RECOMMENDED TREATMENT:
No treatment recommended at this time.

ENVIRONMENTAL SENSITIVITIES:

WORK WINDOW: -

CLEANUP PLAN AND COST ESTIMATE DUE:

DATE SUBMITTED: 05/24/91

STATE ON SCENE COORDINATOR: _____

1991 STREAM FILE LOG
HABITAT

STREAM CATALOG # : 242-42-10460
STREAM NAME : Port Dick Creek

LOCATION : Homer
SEGMENT : PD-003a

DATE	NAME	ACTIVITY	REASON/STATUS

MAYSAP - Port Dick Creek

ADF&G MULTI-ASSESSMENT DATA FORM

ANAD

1) SURVEY TYPE: (BS) SS

2) REGION: PWS (KP,CI) K,AP

3) METHOD: Aerial (Ground) Boat

4) DATE: 5/14/91

5) START TIME: 1035

6) STOP TIME: 1140

7) SEGMENT #: PD-03A

8) K-UNIT: _____

9) LAT: 59 18 36

10) LONG: 151 18 52

11) ASC #: 242-42-10460

12) STREAM NAME: Port Dick Creek

13) LOCATION: KPDC, Port Dick, West Arm

14) WAVE EXPOSURE: High (Moderate) Low

15) SHORELINE TYPE: Headland (Low-lying Rocks) Beach
Cove Lagoon Marsh

16) HIGH TIDE TIME: 1458/1601

17) HIGH TIDE HTS: 20.7/18.7

18) LOW TIDE TIMES: 0935/0942

19) LOW TIDE HTS: -4.7/1.5

20) TIDE HT AT SURVEY: -3.3/-3.0
Ebb Slack Flood Slack

21) USCG QUAD: Seldovia B-4

22) TEAM RECORDER: Doug Hill (ADF&G)
Lee Glenn (ADF&G)
Duncan Fitzgerald (ADF&G)

23) OBSERVERS: _____

24) AGENCY: _____

25) PHOTOS TAKEN: (Y) N
TAKEN BY NOAA Rep. - See MAYSAP Report
ROLL #: _____ FRAMES: _____

26) VIDEO TAKEN: Y N
TAPE # _____
START: _____ STOP: _____

27) SAMPLES TAKEN? Y (N)
SAMPLE I.D. _____

28) EXTENT OF OIL

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1 A	1	1	1	<1	—	—	CT/ms
SITE 2 B	5	1	5	<1	—	—	TB
SITE 3							
SITE 4							
SITE 5							

29) OVERALL OIL IMPACT:
H = >6m band with ≥50% oil coverage
M = >6m band with ≤ 50% oil coverage or ≥3m to ≤6m with ≥10% oil coverage
L = <3m band with >10% oil coverage
(VL) = ≤10% oil coverage regardless of band width
N = No oil observed

30) OIL IN STREAMBED: (Y) N

31) OIL ON BEACH ADJACENT TO MOUTH: (Y) N

32) SUBSTRATE TYPE (PERCENT):
Bedrock ____ Boulder ____ Gravel 70% Sand 10% Cobble 20% Mud/Silt ____

33) ANADROMOUS FISH PRESENT: Y N

34) WILDLIFE OBSERVATION

Species	Number
Fresh Black Bear Scat (Green-observed large patches of grass that had been grazed on.	
Least Sandpipers	(20)
Arctic Tern	(1)
Bonnarates Gull	(1)
Glaucous Winged Gulls	(10)
Pink Salmon Fry	(6)
Least Sandpipers	(10)
OTTER SCAT - piles	

35) COMMENTS: The entire intertidal portion of the creek was surveyed. Trace oil remains. The vac workers picked up approximately 15 pounds of oiled sediment (the majority was removed from the point of land on the south shore at the creek mouth.
A significant amount of oil covered the entire intertidal portion of Port Dick Creek in 1989. Greg Demers (ADF&G) Bill Day & Sand Cronland (ADNR) spent a considerable amount of time picking up oil and directing work crews in 1989.
4 Pink Salmon fry were collected for possible MFO analysis.

36) PHOTOLOG

FRAME(S)	DESCRIPTION
	SEE MAYSAP Photo site location MAP - Photos were taken by Gary Shigenaka of NOAA: Roll # 6-14 Frames 14 thru 16

SEE OG MAP from MASAP Report

▲ = Sample Taken
2/ = Photo Frame # and Shot Direction

A:EDDATFO
April 3, 1991

Date: 5/14/91 No. 901

Title: PD003A

Segment No PD-3 Subdivision A
Date 5/14/91 Log Frame No 15
Photographer GARY SHIGENAKA
Location PORT DICK - DICK CREEK
Comments VIEW FROM SAME LOCATION AS # 14.
PIVOTED 180° OR FACING EAST

Roll No MAYSAP-6-14 Neg. No 14
Control No 901 (Office Use Only)

Segment No PD-3 Subdivision A
Date 5/14/91 Log Frame No 14
Photographer GARY SHIGENAKA
Location PORT DICK - DICK CREEK
Comments VIEW FROM ISLAND LOCATED IN THE MIDDLE OF DICK CREEK, LOOKING UPSTREAM OR WEST

Roll No MAYSAP-6-14 Neg. No 13
Control No 901 (Office Use Only)

Segment No PD-3 Subdivision A
Date 5/14/91 Log Frame No 16
Photographer GARY SHIGENAKA
Location PORT DICK - DICK CREEK
Comments VIEW FROM UPSTREAM ISLAND (RELATIVE TO LOCATION FOR PHOTOS 14 AND 15) LOOKING DOWNSTREAM.

Roll No MAYSAP-6-14 Neg. No 15
Control No 901 (Office Use Only)