

AFS 262-70-10030
TERESA CREEK, ADAMS BAY, AK PENN.
SITE AKD 2-2

262-70-703

ACE 73346721#16F

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST



STREAM#: 2627010030
SEGMENT: PB009

PAGE 79

DATE PRINTED: 07/25/91

LOCATION: PUALE BAY

SURVEY TYPE: 89 STREAM SURVEY

METHOD: FOOT

DATE: 09/02/89

TEAM RECORDER: WEISS

START TIME: 1030

OBSERVERS: GIEGERICH

END TIME: -0-

TIDES: -0-

AGENCY: FG

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2627010030

ROLL#: 89EWW017K

FRAME: 27-28

VIDEO TAKEN: Y

TAPE#: 89EWW001K

START: -0- 0364

END: -0- 0429

SAMPLES TAKEN: Y

SAMPLE NUMBERS: 89TG146K -0-

89TG147K -0-

-0- -0-

OIL IN STREAM BED: Y

OVERALL OIL IMPACT: VL

OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: MOD

SHORELINE TYPE: BEACH

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

GRAVEL Y SAND -0- MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: -

SPECIES: -0-

COUNT: -0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 82

DATE PRINTED: 07/26/91

STREAM# : 2627010030
SEGMENT#: PB009

SURVEY TYPE : 89 STREAM SURVEY

LOCATION: PUALE BAY

DATE: 09/02/89

TIMES: 1030 - -0-

TEAM RECORDER: WEISS

-- 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-	400	1	2.5	10	MS
2	-0-	-0-	75	3	225	-0-	2.5	-0-	MS

COMMENTS:

A FEW MOUSSE PATTIES FOUND ON GRAVEL BARS OF STREAMBED. 1" TO E" DIAMETER PATTIES. ALSO FOUND BAND OF ACCUMULATED DEBRIS AND OIL MOUSSE ON UPPER BANK OF STREAM IN BACK WATER (EDDY) AREA. BAND WAS 1M X 20M. WALKED 300M+ WITHIN BRAIDED STREAMBED TIDAL AREA AND 100M OF BEACH ON EITHER SIDE OF MOUTH. ON BEACH SOUTH OF LAGOON MOUTH THERE WAS A BAND OF MOUSSE PATTIES 1" - 10" IN DIAMETER WITH A FREQUENCY OF 1 EVERY 3 FEET, FOR A DISTANCE OF 100 YARDS.

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2627010030
SEGMENT: PB009

PAGE 78

DATE PRINTED: 07/25/91

LOCATION: PUALE BAY

SURVEY TYPE: 90 PRE SCREEN

METHOD: GROUND

DATE: 04/15/90

TEAM RECORDER: WEISS

START TIME: 1150

OBSERVERS: -0-

END TIME: 1225

TIDES: -0-

AGENCY: FG

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: ~~Y~~ ^N

STATION: 2627010030

ROLL#: 90EWW001K

FRAME: ??

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: VL

OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: MOD

SHORELINE TYPE: BEACH

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

GRAVEL 75 SAND 25 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: -

SPECIES: -0-

COUNT: -0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

*delete roll #
Ed question. 12/91
nothing in photos.*

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 81

DATE PRINTED: 07/26/91

STREAM# : 2627010030
SEGMENT#: PB009

SURVEY TYPE : 90 PRE SCREEN

LOCATION: PUALE BAY

DATE: 04/15/90

TIMES: 1150 - 1225

TEAM RECORDER: WEISS

-- 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-	-0- PT ST

COMMENTS:

BRAIDED STREAM MOUTH TOTALLY REWORKED/REDISTRIBUTED CHANNELS AND GRAVELS. NO SIGN OF VL-L PT/P AND MS/P FROM LAST YEAR. DID LOCATE PT/P AND STAIN DRIFT ADJACENT TO MOUTH IN UPPER REACHES OF TIDAL AREA ADJACENT TO MOUTH PRIMARILY SOUTH OF STREAM. RECOMMEND NO ANADSSAT, BUT NEEDS REGULAR SSAT SURVEY OF PB009.



'90 prescreen
preland

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

ASC NUMBER: 262-70-10030
SURVEY TYPE: PA
METHOD: F
DATE: 4-15-90
START TIME: 1150
STOP TIME: 1225

TEAM RECORDER: E. Weiss
OBSERVERS:

AGENCY(IES): ADF+G

PHOTOS TAKEN? Y
Roll #: 90EW001K Frames: N/A
VIDEO TAKEN? N Tape Number:
Counter Start:

SAMPLES TAKEN? N

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

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: VL

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

Bedrock	Granule
Boulder	Sand 25
Cobble	Silt
Pebble 75	Veget.

SPECIES

COUNT

COMMENTS: Braided stream mouth totally reworked/redistributed channels and gravels. No sign of VL-L PT/P and ms/P from last year. Did locate PT/P and stain drift adjacent to mouth in upper reaches of tidal area adjacent to mouth primarily south of stream. Recommend no analysis, but needs regular ssat survey of PB009.

Photos contain no record for
that date & area; nothing
either in 90EW001K.

see to N?

Pre screen

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AVS SCHA MMHS PTA

2 REGION: PWS KP, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4-15-90

15 HIGH TIDE TIMES: 5:29, 1840

21 TEAM RECORDER: E. WEISS

4 START TIME: 1150

16 HIGH TIDE HTS: 11.1, 9.2

22 OBSERVERS: _____

5 STOP TIME: 1225

17 LOW TIDE TIMES: 1, 1213

23 AGENCY: ADF+G

6 SEGMENT #: PB009

18 LOW TIDE HTS: 1.94

24 PHOTOS TAKEN: X N

7 STATION #: _____

19 TIDE HT AT SURVEY: _____

Roll #: 90ELW Frame: _____

8 K-UNIT: _____

Ebb Slack Flood Slack

25 VIDEO TAKEN: Y X TAPE#: _____

9 STAT AREA: _____

20 USCG QUAD: KARLUK C-4

Start: _____ End: _____

10 LAT: 57 44 20

11 LONG: 155 37 10

26 SAMPLES TAKEN? Y N Number _____

12 SOURCE: Map Loran ANADSCAT

Oil _____

13 LOCATION: _____

Sediment _____

14 DESCRIPTION: _____

Biological _____

Water _____

EXTENT OF OIL

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

36 CATALOGED ANAD. FISH SREAM? Y N

37 CATALOG #: 262-70-10030

38 STREAM NAME: TERESA 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: _____

30 OVERALL OIL IMPACT: N VL L M H

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

32 OILED DEBRIS? X N

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

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble _____

Species Aerial Ground

Gravel 75 Sand 25 Mud/silt _____

ACE 7334683/A →

COMMENTS: BRAISED STREAM MOUTH TOTALLY REWORKED/RE-DISTRIBUTED CHANNELS & GRAVELS. NO SIGN OF VL-L PT/P & MS/P FROM LAST YEAR. DOES HAVE PT/P & STAIN DRIFT ADJACENT TO MOUTH IN UPPER REACHES OF TIDAL AREA ADJACENT TO MOUTH, MAINLY SOUTH OF STREAM.

* RECOMMENDATIONS: NO ANADSSAT, BUT NEEDS REGULAR SSAT SURVEY OF PB009.

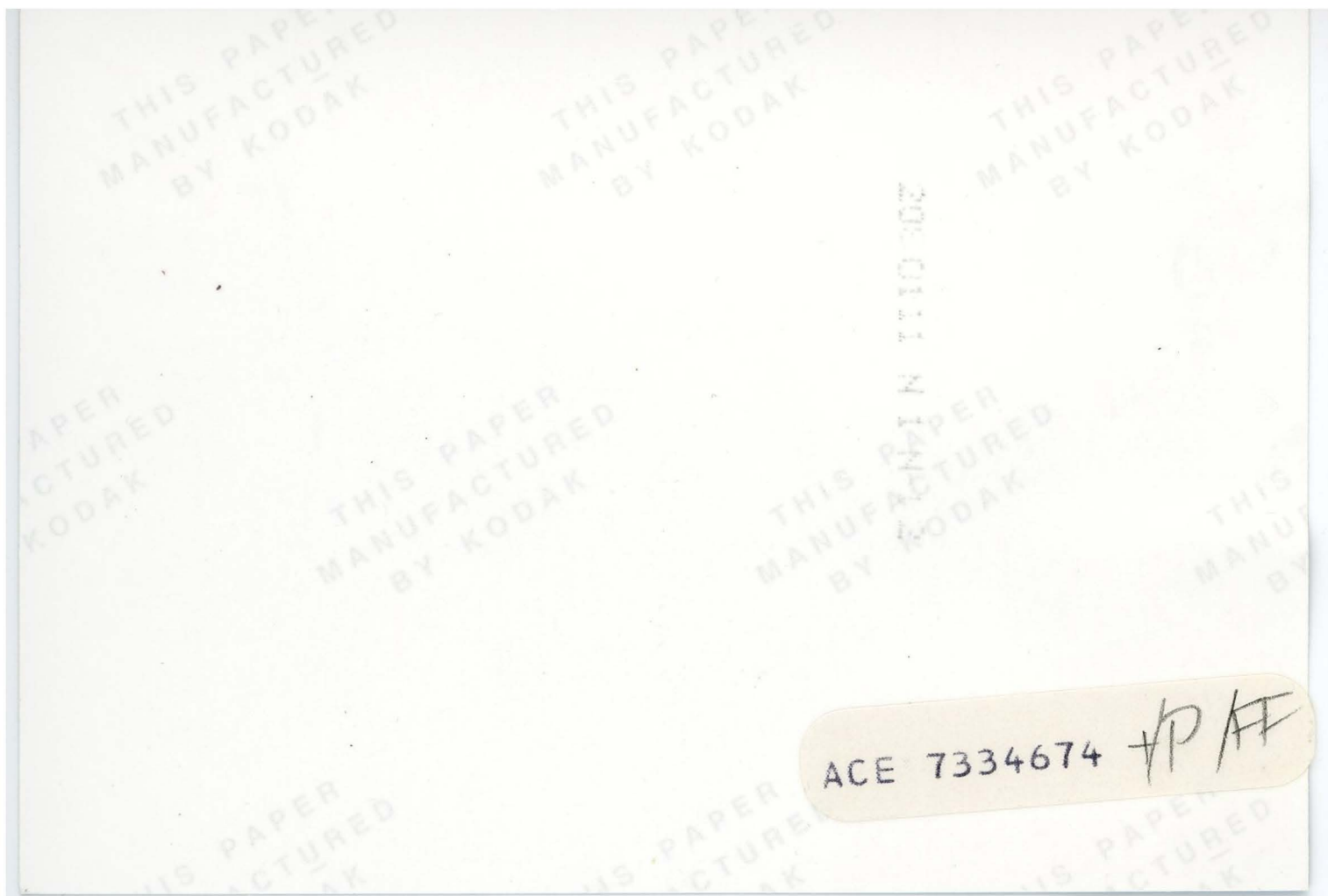
45 PHOTOLOG

FRAME(S)	DESCRIPTION

46 OIL DISTRIBUTION DIAGRAM

= Sample taken
 = Photo frame # and
 shot direction.

Acc 7334683/B -1/L/HF



"Rite in the Rain"
ALL-WEATHER WRITING PAPER



ALL-WEATHER

LEVEL

Notebook No. 311-M

"Rite in the Rain" - A unique All-Weather Writing Paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

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STREAM SURVEY LOG

STREAM 262-70-703

CAT. # 262-70-10030

57°44'8"N 155°37'8"W

TERESA CREEK, PUALE BAY

ACE 7334677

SITE AKP 2-2 9-2-89 1030'

DID AERIAL OF STREAM BUT
WAS TOO MURKY FOR COUNT.
AERIAL PHOTOS OF MOUTH
TAKEN A-03-27+28.
STREAM HAD GRAVEL SUBSTRATE
A FEW OIL MOUSSE PATCHES
FOUND ON GRAVEL BARS OF
STREAM BED. 1-3" DIAMETER.
ALSO FOUND BAND OF
ACCUMULATED DEBRIS AND
OIL MOUSSE ON UPPER BANK
OF STREAM IN BACKWATER
(EDDY) AREA. BAND WAS
1 M X 20 M.
WALKED 300 M + WITHIN
BRIDGED STREAM BED TYPICAL
AREA, AND 100 M OF BEACH
ON EITHER SIDE OF MOUTH.
ON BEACH SOUTH OF LAGOON
MOUTH THERE WAS A BAND
OF MOUSSE PATCHES 1-10" IN
DIAMETER, WITH A FREQUENCY
OF 1/5'. EXTENDED LENGTH
OF 100 YD SEGMENT.

ACE 7334678

2

TALKED WITH USFWS SERVICE
PERSONNEL AT CAMP. THEY
GAVE APPROXIMATE LIMIT
OF HIGH TIDAL ACTION IN
STREAM BED AND STATED
THEY HAD ONLY FOUND
OCCASSIONAL IMPACTS WITHIN
STREAM.

ACE 7334679

3

PHOTOS TAKEN A-03²⁷⁺²⁸
27+28 AERIAL OF MOUTH OF
STREAM.

SAMPLES TAKEN

KAP-2-2-1

KAP-2-2-2

VIDEO TAKEN

SSKAP-01

ACE 7334680

FISH HABITAT ASSESSMENT FORM

 REGION: PWS KP, CI K, ☒ AP OBSERVER(S) E. WEISS
T. GIEGERICH

 SITE NO. AKP-2-2 AERIAL PHOTO NO. 141-6 CAT NO. 262-70-1003

 STREAM NAME TERESA CREEK LAT 57° 44' 8" N LONG 155° 37' 8" W

 DATE 9-2-89 TIME 1030 TIDE: Low slack Flood High slack ☒ Ebb

 CATALOGED ANADROMOUS STREAM? ☒ Y N ANAD. FISH FOUND? ☒ Y N

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

 OIL SAMPLES TAKEN? ☒ Y N ID NOS. KAP 2-2-1 + 2

 35 mm PICTURES TAKEN? ☒ Y ☒ N ROLL NO(S). A-03

EXPOSURE NO. DESCRIPTION

27 + 28 AERIAL OF MOUTH

 VIDEO FOOTAGE TAKEN? ☒ Y N CASSETTE NO(S). SSKAP-01

 DESCRIPTION: OIL MOUSSE PATCHES & IMPACTS IN
STREAM CHANNEL ON BANKS ACCUMULATION
ON BANK OF EDDY,

ACE 7334675

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
Aerial								
Ground								

 COMMENTS: DID AERIAL BUT STREAM TOO MURKY
TO GET COUNT OF FISH.

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
SURFACE COVERAGE	<u>1% of 400 + m²</u>	<u>3m x 75m +</u>
SURFACE THICKNESS	<u>1"</u>	<u>1"</u>
PENETRATION	<u>4.0"</u>	<u>Ø</u>

OIL DISTRIBUTION DIAGRAM
(SHOW SAMPLING SITES)PREDOMINANT
SUBSTRATE TYPE:

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

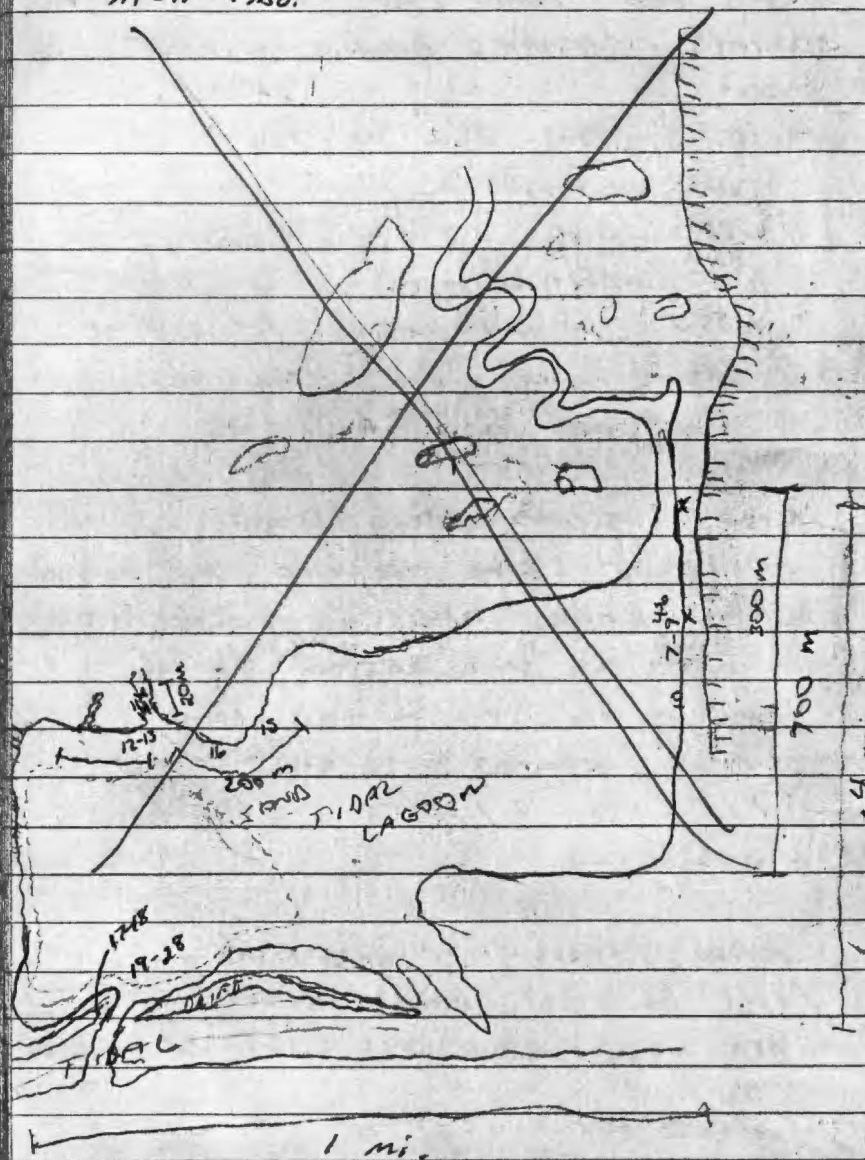
COMMENTS: _____

ACE 7334676

SITE 2-1

20

JAIT UP IN SAND + DRIFT LINE
HIGH TIDE.

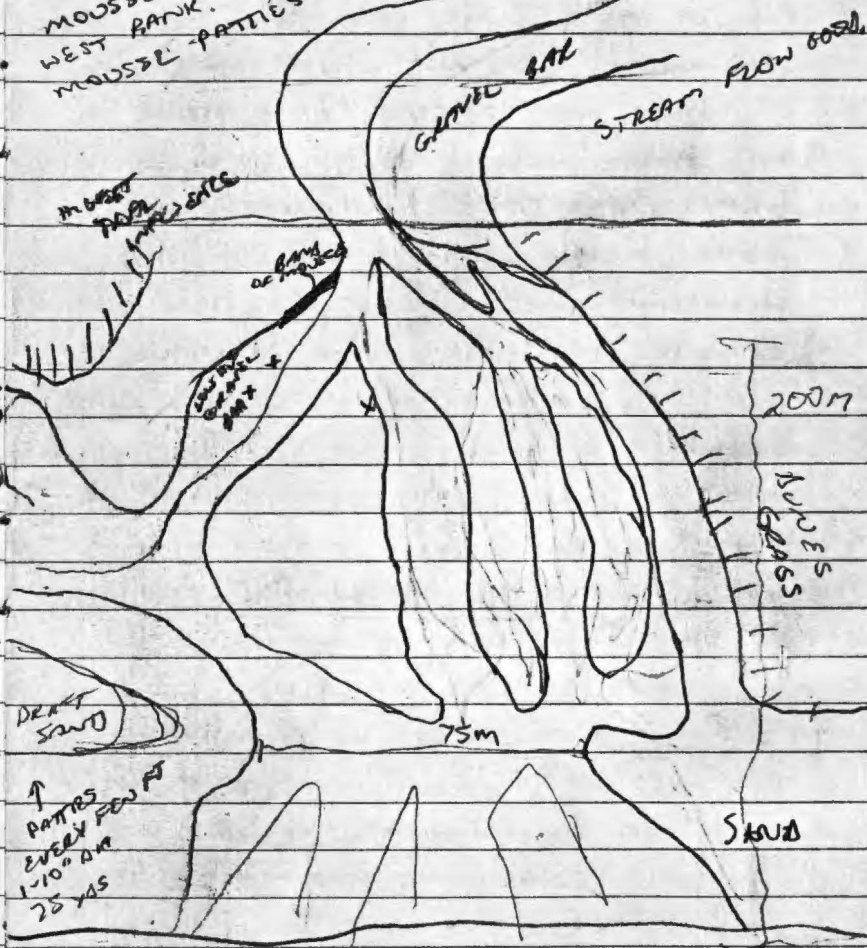


ACE 7334681

STOP 2-2

21

SAND OF ACCUM.
MOUSSE IN EARL ON SCATTERED
WEST BANK. A FEW
MOUSSE PATIES IN STREAM BED.



ACE 7334682 -/P/FF

'90 prescreen
prelanad

ASC NUMBER:	SEGMENT NUMBER:	YR CATALOGED:
LOCATION:		
STREAM NAME: <i>Teresa creek</i>		LATITUDE:
KODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE:
USGS QUADRANGLE:		LEGAL:
SHORELINE TYPE: <i>Beach</i>		WAVE EXPOSURE: <i>M</i>

ASC NUMBER: *262-70-10030*
SURVEY TYPE: *PA*
METHOD: *F*
DATE: *4-15-90*
START TIME: *1150*
STOP TIME: *1225*

TEAM RECORDER: *E. Weiss*
OBSERVERS: *1*

AGENCY(IES): *ADF+G*

PHOTOS TAKEN? *Y*
Roll #: *90EW001K* Frames: *N/A*
VIDEO TAKEN? *N* Tape Number:
Counter Start:

SAMPLES TAKEN? *N*

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

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: *VL*

OIL IN STREAM CHANNEL? *N*

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

SUBSTRATE

Bedrock	Granule
Boulder	Sand 25
Cobble	Silt
Pebble 75	Veget.

SPECIES

COUNT

COMMENTS: Braided stream mouth totally reworked/redistributed channels and gravels. No sign of VL-L PT/P and ms/P from last year. Did locate PT/P and stain drift adjacent to mouth in upper reaches of tidal area adjacent to mouth primarily south of stream. Recommend no Anadissat, but needs regular ssat survey of PB009.

'89 Stream Survey

ASC NUMBER:	SEGMENT NUMBER:	YR CATALOGED:
LOCATION:		
STREAM NAME: <i>Teresa Creek</i>		LATITUDE:
KODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE:
USGS QUADRANGLE:		LEGAL:
SHORELINE TYPE: <i>Beach</i>		WAVE EXPOSURE: <i>m</i>

ASC NUMBER: *262-70-10030*
 SURVEY TYPE: *SS*
 METHOD: *F*
 DATE: *9-2-89*
 START TIME: *1030*
 STOP TIME: *N/A*

TEAM RECORDER: *E. Weiss*
 OBSERVERS: *T. Giegerich*

AGENCY(IES): *ADF+G*

PHOTOS TAKEN? *Y*
 Roll #: *89Eww017K* Frames: *27, 28*
 VIDEO TAKEN? *Y* Tape Number: *89Eww001K*
 Counter Start: *N/A*

SAMPLES TAKEN? *Y*

SAMPLE I.D. NUMBERS: 1. *KAP2-2-1* 2. *KAP2-2-2* 3.
 4. 5. 6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	<i>N/A</i>	<i>N/A</i>	<i>400</i>	<i>1</i>	<i>2.5cm</i>	<i>10cm</i>	<i>ms</i>
SITE 2	<i>75m</i>	<i>3m</i>	<i>225</i>	<i>N/A</i>	<i>2.5cm</i>	<i>Ø</i>	<i>ms</i>
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: *VL*

OIL IN STREAM CHANNEL? *Y*

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

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebbles	Veget.

SPECIES

COUNT

COMMENTS: *A few mousse patties found on gravel bars of stream bed. 1 inch to 3 inch diameter patties. Also found band of accumulated bebris and oil mousse on upper bank of stream in backwater (eddy) area. Band was 1m x 20m. Walked 300m+ within braided stream bed tidal area and 100 m of beach on either side of mouth. On beach south of lagoon mouth there was a band of mousse patties 1-10" in diameter with a frequency of 1 every 3 feet, for a distance of 100 yards.*

ADF&G MULTI-ASSESSMENT DATA FORM

- 1) SURVEY TYPE: BS SS 2) REGION: PWS KP, CI K, AP
- 3) METHOD: Aerial Ground Boat
- 4) DATE: 5-28-91 16) HIGH TIDE TIME: 0238/1548 22) TEAM RECORDER: J. Barnhart
- 5) START TIME: 0807 17) HIGH TIDE HTS: 18.3/16.7 23) OBSERVERS: D. Spurr, R. Cowter, J. Hardister and others.
- 6) STOP TIME: 0910 18) LOW TIDE TIMES: 0916/2120 24) AGENCY: ADF&G, USCG, Exxon, USFWS
- 7) SEGMENT #: PB009M 19) LOW TIDE HTS: -2.0/3.5 25) PHOTOS TAKEN: Y N
- 8) K-UNIT: K10-07 20) TIDE HT AT SURVEY: _____ ROLL #: _____ FRAMES: _____
- 9) LAT: 57°44'8"N Ebb Slack Flood Slack 26) VIDEO TAKEN: Y N
- 10) LONG: 155°37.8'W 21) USCG QUAD: _____ TAPE # _____
- 11) ASC #: 262-70-10030 START: _____ STOP: _____
- 12) STREAM NAME: Teresa Creek 27) SAMPLES TAKEN? Y N
- 13) LOCATION: Pualo Bay 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	100	1	100	2	2	0	TB
SITE 2	10	3	30	2	2	0	TB
SITE 3	9	3	27	1	2	0	TB
SITE 4	30	5	150	2	2	0	TB
SITE 5	20	4	80	1	2	0	TB

* Site 6
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

33) ANADROMOUS FISH PRESENT: Y N

- 30) OIL IN STREAMBED: Y N
- 31) OIL ON BEACH ADJACENT TO MOUTH: Y N
- 32) SUBSTRATE TYPE (PERCENT):

Bedrock _____ Boulder _____ Gravel 3 Sand 95 Cobble _____ Mud/Silt 2

- 35) COMMENTS: Site 6 500m long 40m wide, 19% oil m² = 20,000 Thickness 2, Pen. 0, oil type TB
oil was removed in the following areas: Area 1, Area 2, Area 4. Oil was not removed from Area 3
Area 5, Area 6. This was a very brief survey in conjunction with the beach survey of PB009.

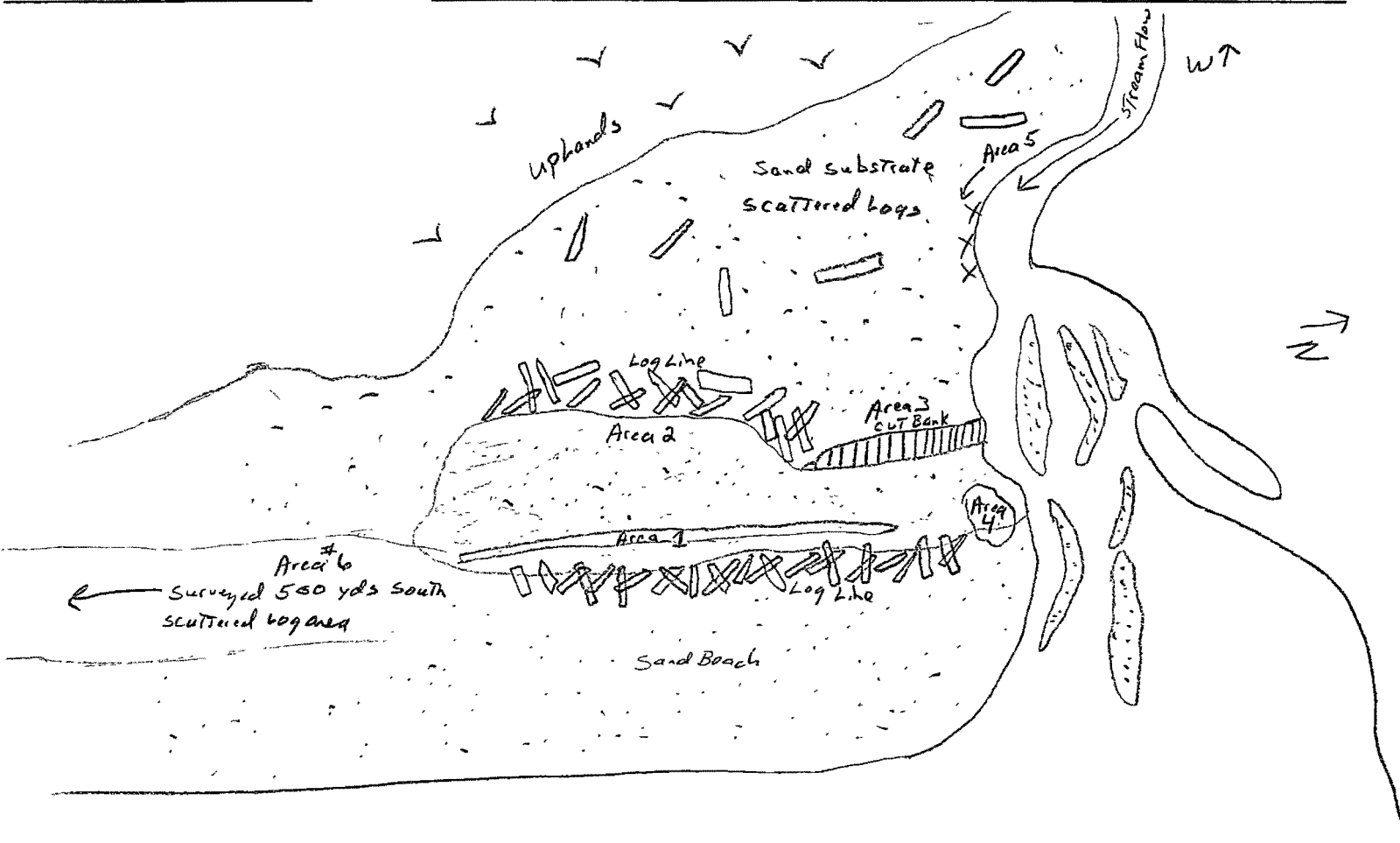
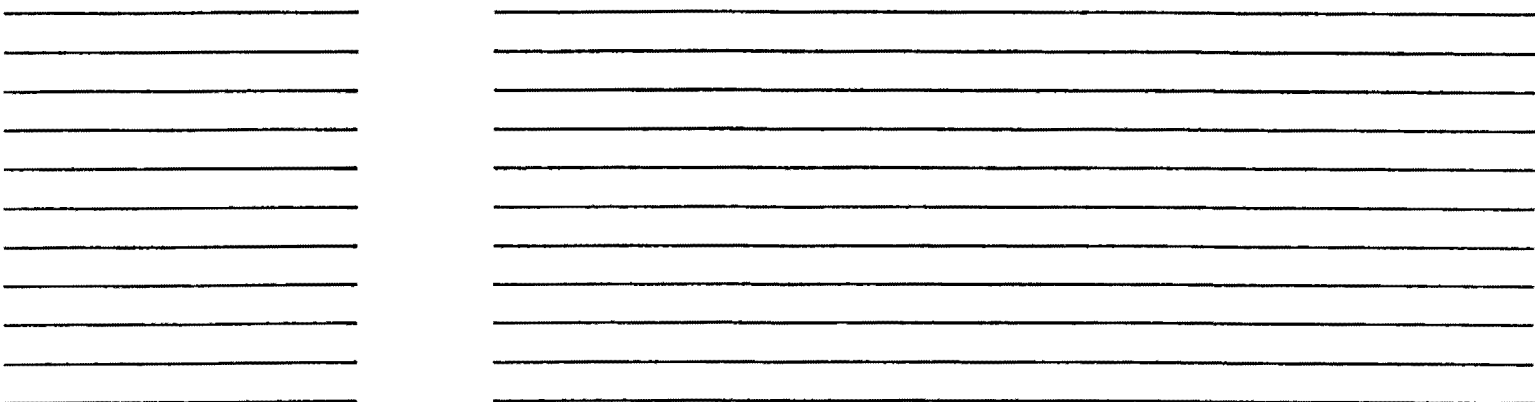
34) WILDLIFE OBSERVATION

Species _____ Number _____

N/A

FRAME(S)

DESCRIPTION



SHELIKOF STRAITS

Sample Taken
Photo Frame # and
Shot Direction

A:EDDATFO
April 3, 1991

MAYSAP FIELD SHORELINE COMMENT SHEET

TEAM NO. 6-HELO SEGMENT P5-9 SUBDIVISION A DATE 5/28/91

ADEC

NAME J. BARNHAET, ADECSIGNATURE J. Barnhart

☒ NTR Located several bands of TB's, 1-2% adjacent to Theresa creek, at the stream mouth extending 100 m. upstream. Most were removed or broken apart. Surveyed from the mouth of Theresa creek south approx 500 m. In the area of scattered logs (approx 40 m wide) scattered TB's were located <1%. Very few were removed. Most remain.

EXXON

NAME R. COULTER, EXXONSIGNATURE Rev R Coulter

☒ NTR BREAKUP/REMOVAL WAS DONE ON ALL TB/AP FOUND ON THIS SUBDIVISION. NO ADDITIONAL CONSIDERATION NEEDED.

LANDMANAGER

NAME J. HARDISTEROF USFWSSIGNATURE J. P. Hardister

☒ NTR SOR was either recovered by VECO team or, when found to be highly weathered, broken-up. No further treatment recommended.

SCG/NOAA

NAME CWO R. SPURR/G. SHIGENAKASIGNATURE R. P. Spurr / G. Shigenaka

☒ NTR All mousse/SOR found in this segment was either broken up or recovered by VECO workers during survey.

SURVEYED PORTION OF THE SEGMENT CONSISTED PRIMARILY OF THE WIDE SAND-GRANULE AREAS ON BOTH SIDES OF THE SUPRATIDAL BERM. THE SHOREWARD SIDE WAS APPARENTLY A DRY SAND STREAM BED FROM THE BEACH THAT CURRENTLY BORDERS THE NORTHERN END OF THE SURVEYED SECTION. IN OTHER WORDS, A SUPRATIDAL BERM LIES BETWEEN TWO SANDY AREAS, ONE OF WHICH IS A SAND BEACH AND THE OTHER BEING AN USED STREAM CHANNEL. SINCE THE SURVEYED AREA WAS IN THE SUPRATIDAL AND ABOVE, FEW BIOTA WERE PRESENT. AN OTTER SKULL WAS FOUND BY THE USFWS REP ABOVE A PREVIOUS SUPRATIDAL AND NEAR THE BASE OF A LOW BLUFFS THAT BORDER THE SHORELINE AREA. OILING IN THE FORM OF SOR WAS OBSERVED SPORADICALLY ALONG THE SURVEYED AREA, MOSTLY IN THE PRESENT SUPRATIDAL DRIFT LOG AREA, ON THE SAND FLAT THAT HAD IN THE BANKS OF THE STREAM CHANNEL, AND ALONG THE SOUTH SHORE OF THE STREAM NEAR ITS MOUTH. THE OIL HAD BEEN WEATHERED AND CONTAINED A HIGH PROPORTION OF SAND, AND WERE EITHER RECOVERED OR

PAGE 1 OF 1

SEGMENT 1C10-07-P13-04

SUBDIVISION 13

DATE 29 May 191

ENERGY LEVEL: ☐ H ☒ M ☐ L

NEAR SHORE SHEEN: ☐ BR ☐ RB ☐ SL ☒ NONE

EST. OIL CATEGORY LENGTH: W____m M____m N____m VL 537m NO____m US____m

DISTRIBUTION: C = 91-100%; B = 81-90%; P = 11-50%; S = 1-10%; T = <1%

SLOPE: V = VERTICAL; H = HIGH ANGLE; M = MEDIUM ANGLE; L = LOW ANGLE

PHOTO ROLL # MAYSAP-

G - 24

FRAMES 1-3

SHEEN COLOR: B - BROWN: R - RAINBOW: S - SILVER: N - NONE

OG COMMENTS: This segment IS LOCATED ALONG THE WEST SIDE OF PUMPLE BAY from the mouth of Teresa Creek south along a sandy beach. The oil along this site consisted of tar balls and patties, some large enough to be considered asphalt. However, all the oiled sediment was composed of over 95% sand and highly friable. All of the observed TB/AP was removed by the survey crew, amounting to 1 1/2 bags.

GRASSY UPLAND
 LOGS & DRIFTWOOD
 INTEREPT DUNES
 PHOTO SITES

ALASKA PENINSULA

SKETCH MAP (UG)
 K10-07-PB-09-A
 28 MAY 1991
 D. M. FITZGERALD
 815-850

TERESA CREEK

FOUR
DUNE
RIDGE

PREVIOUS CHANNEL SITE
(SANDY)

OLD MEANDER
CUT-OFF

Bedrock
CLIFF

DRIFT Accumulation

BEGIN SEGMENT
PB-10

SANDY

SAND AND
Cobble
Delta

SANDY

MLW

MLW

PU. * VECO WORKERS AND
 SURVEY TEAM PICKED
 UP 1 1/2 BAGS OF TB.
 Some of the highly
 friable TB were broken
 apart

- A. TB/AP
1. 2-20 by 600m < 1%
2. 5 by 400m < 1%
3. 2-4 by 100m < 1%
most CONC. AROUND
the former river
channel

Puale Bay

MAYSAP BIOLOGICAL SUMMARY FORM

TEAM # 6 Helo

DATE May 28 1991

SEGMENT # K10-07 PB-09

TIDAL HEIGHT(Range)

(805- ?)

SUBDIVISION M

BIOLOGIST H. Davis

SEA STATE 1-2 ft in Phase 3 an

WIND SPEED/DIRECTION Periodic breeze NE

PHOTOGRAPHS: ROLL # G-24

FRAME # 1-3

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

PB-09 is a wide sandy beach with a supratidal berm and a dry sandy stream bed paralleling the beach behind the berm. In the surveyed portion of the beach (the UETZ and supratidal berm) occasional patches of TB were found at the intersection of the UETZ and the supratidal zone. The UETZ had a line of drift kelp and shells composed mostly of saxidomus, siligua, Clinocardium very large Trems (10cm wide) Fucus, Derocystis, Laminaria and decomposing red blades. The supratidal had drift logs, shells, and fishing debris. The sea purslane and beach grass were beginning to grow up through the sand (Honkenya reploides and Elymus mollis?). An otter skull was found by USFWS and turned over to the NOAA rep.

Surf scoders (6) Cormorants (2)

Glaucous-winged Gulls (6) Dead Kittiwakes (3) Western sandpipers (4) sparrows (4)

WILDLIFE OBSERVATIONS

TO BE COMPLETED IN ALL SUBDIVISIONS

BIRDS	# OF SPECIES	TOTAL BIRDS	FISH OBSERVED SPECIES PRESENT
Eagles	0		0
Seabirds	1	2	
Waterfowl	1	6	
Gulls/Kittiwakes	2	6 + 3 dead Kittiwakes	
Shorebirds	1	4	
Corvids	0		
Other Birds Sparrows	1	4	

MARINE MAMMALS		LAND MAMMALS	
	# OBSERVED	SPECIES	# OBSERVED
Sea Otters	1 skull	Fox Tracks	
Pinnipeds (specify)	0	Caribou + Tracks	1
Whales (specify)	0	Bear tracks	

Shoreline subdivision map showing important biological features attached.

SEGMENT SUMMARY (cont'd)

PRELIMINARY DATA

Segment Number PB-9 Unit-subunit K1007
 Geographic location Puako Bay - West Shore
 Date treatment began _____

IX. ADEC shoreline assessment before treatment

- A. Date of survey _____
- B. stations (gr, tran, air) _____ (sta#)
 - 1. avg coverage _____
 - 2. avg penetration _____
 - 3. thickness _____
 - 4. findings _____
- C. Crew members _____
- D. Other agencies involved _____
 - 1. Crew members _____

X. ADEC shoreline assessment after treatment

- A. Date of survey _____
- B. stations (gr, tran, air) _____ (sta#)
 - 1. avg coverage _____
 - 2. avg penetration _____
 - 3. thickness _____
 - 4. findings _____
- C. Crew members _____
- D. Other agencies involved _____
 - 1. Crew members _____

Date of sign off 8/19/89

XI. ADEC additional shoreline assessment

- A. Date of survey 28 Sept 89
- B. stations (gr, tran, air) K100707 (sta#)
 - 1. avg coverage light - Very light 30% in areas
 - 2. avg penetration 12 cm
 - 3. thickness 2.5 mm
 - 4. findings mousse
- C. Crew members Bill Rieth, & J.R. Hopkin
- D. Other agencies involved _____
 - 1. Crew members _____

Signature William Rieth Date 4 Feb 90

PRELIMINARY DATA

VII. ADEC Post-treatment Assessment

A. Date of assessment 28 Sept 89

B. Oil characteristics

1. degree oiling light - Very light

2. max thickness 2.5 mm

3. oil type mousse

4. max penetration 12 cm

C. Debris left on beach

1. type _____

2. # bags collected _____

D. Crew members _____

VIII. References/Notes

Dead Birds present

Signature

William R. Rieth

Date

4 Feb '90

PRELIMINARY DATA

3. Bioremediation (Exxon date) _____
4. Chemical (type and date) _____
D. Containment and recovery
1. boom deployment _____
2. skimmer type _____
3. comments _____

- E. Bagging of oily waste and/or substrate
1. Storage of waste
on beach _____ on boat _____
2. Pick up and transportation _____
3. Final destination (if known) i.e.
incinerator/shredder _____

- F. Log burning _____ (date) _____
type _____
ADEC observers _____
of cords _____
fan used _____
Comments _____

- G. ADEC observations during treatment
1. Biological Impacts (streams, intertidal, etc.) _____
2. Other (crew deployment, working with tides, etc.) _____

- H. ADEC observers _____

VI. Phase I Signoff/Demobilization

A. Segment Inspection Record

1. ADEC inspector/date CA Pely 19 Aug '89
reported-heavy _____

medium _____
light _____
very light X 1%
None _____

reassessment yes _____ no X
demobilization yes _____ no _____
comments _____

2. USCG inspector/date D. M. Maguire 19 Aug '89
reported-heavy _____

medium _____
light _____
very light _____
none _____

reassessment yes _____ no X
demobilization yes X no _____
comments no oil or murre noted

KODIAK ADEC SHORELINE TREATMENT SEGMENT SUMMARY

PRELIMINARY DATA

- I. Segment Number PB-9 Unit-subunit K1007
Geographic location Puake Bay - West shore
- II. SCAT survey date: initial 7 June 89 subsequent _____
- III. Review of treatment proposals
A. submitted to ISCC/KISCC/MAC _____
B. ISCC/KISCC/MAC approval _____
C. Restrictions (resources) Theresa Creek is a salmon stream and should be cleaned as soon as possible.
- IV. Date of FOSC approval of treatment or Shoreline Cleanup Workorder 6-25-89 (USCG date)

Work done before work order approved (y/n)? _____

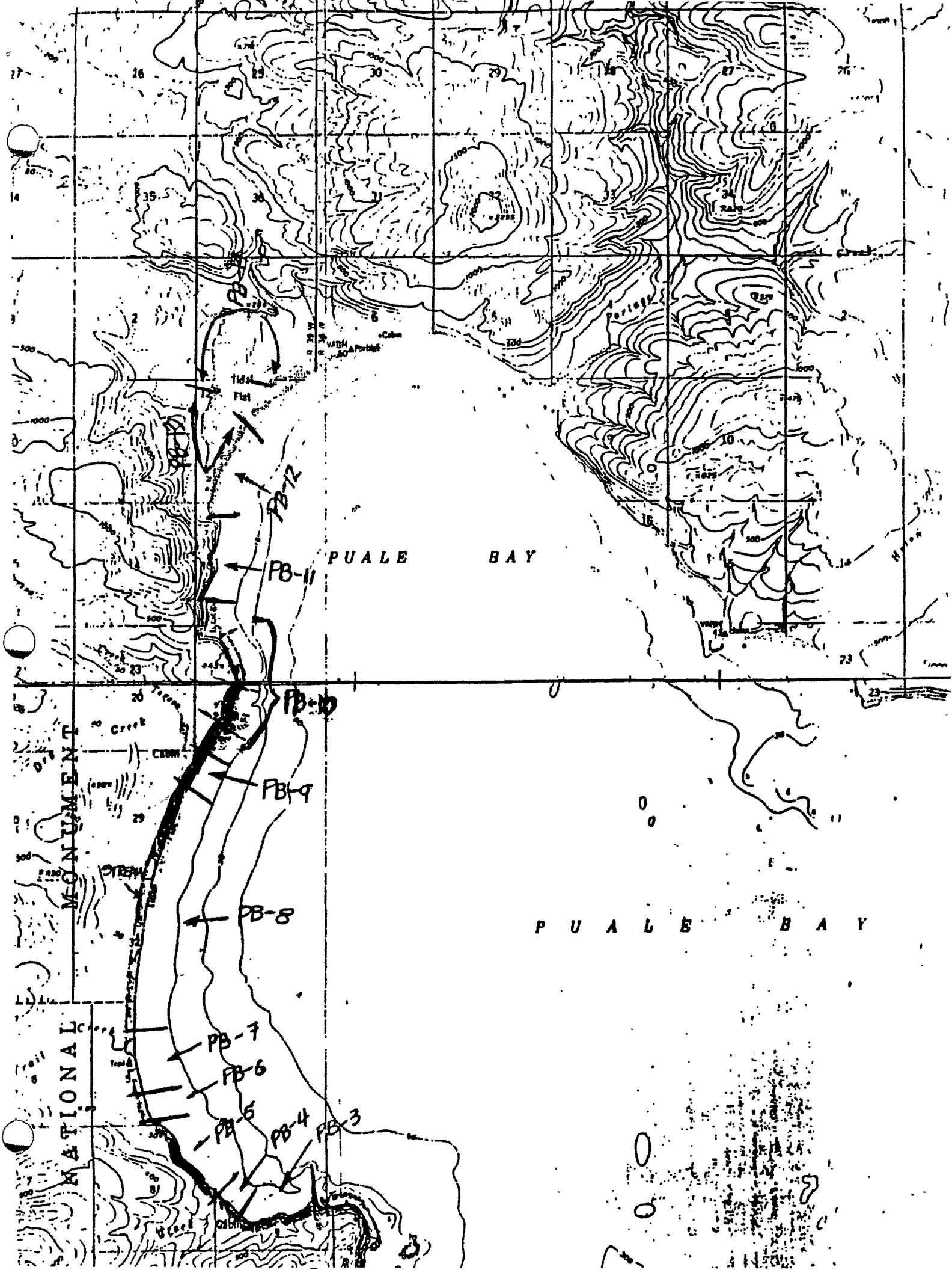
- V. Treatment
A. Date treatment started (USCG date) 7-9-89
B. Clean-up crew
Exxon _____ VECO _____ NORCON _____ Martech _____
Road Crews _____ Volunteers _____ VRCA _____
Village _____ Setnetters _____ Seiners _____
C. Type of treatment

	SCAT RECOMMENDED	PERFORMED	Exxon SIR	ADEC
1.		none		none observed
2. Type A -	☒	non-mechanical	☒	
		hand-wiping		
		remove oiled fucus		
		substrate removal		
	☒	mousse/debris pickup		
		putty knives		
		trowels		
		shovels		
		other		

comments Manual removal of oil 'patches' in higher intertidal zone of channel/delta area (see sketch); see priorities considered here.

3. Type B -
- | | | |
|--|--------------------------|--|
| | header hose flood | |
| | cold water/High Pressure | |
| | warm/hot water/MP | |
| | hot/steam water/HP | |
| | Omni boom | |
| | maxi barges | |
| | LCMw/Hot pack | |
| | Other | |

comments _____



ADF&G MULTI-ASSESSMENT DATA FORM

- 1) SURVEY TYPE: BS SS 2) REGION: PWS KP, CI K, AP
- 3) METHOD: Aerial Ground Boat
- 4) DATE: 5-28-91 16) HIGH TIDE TIME: 0238/1548 22) TEAM RECORDER: J. Barnhart
- 5) START TIME: 0807 17) HIGH TIDE HTS: 18.3/16.7 23) OBSERVERS: D. Spurr, R. Coulter, J. Hardister and others.
- 6) STOP TIME: 0910 18) LOW TIDE TIMES: 0916/2120 24) AGENCY: ADF&G, USCG, Exxon, USF&WS
- 7) SEGMENT #: PB009M 19) LOW TIDE HTS: -2.0/3.5 25) PHOTOS TAKEN: Y N
- 8) K-UNIT: K10-07 20) TIDE HT AT SURVEY: _____ ROLL #: _____ FRAMES: _____
- 9) LAT: 57°44'8"N Ebb Slack Flood Slack 26) VIDEO TAKEN: Y N
- 10) LONG: 155°37.8'W 21) USCG QUAD: _____ TAPE #: _____
- 11) ASC #: 262-70-10030 START: _____ STOP: _____
- 12) STREAM NAME: Teresa Creek 27) SAMPLES TAKEN? Y N
- 13) LOCATION: Puako Bay 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	100	1	100	2	2	0	TB
SITE 2	10	3	30	2	2	0	TB
SITE 3	9	3	27	1	2	0	TB
SITE 4	30	5	150	2	2	0	TB
SITE 5	20	4	80	1	2	0	TB

*Site 6

29) OVERALL OIL IMPACT: 33) ANADROMOUS FISH PRESENT: Y N

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 3 Sand 95 Cobble _____ Mud/Silt 2

34) WILDLIFE OBSERVATION

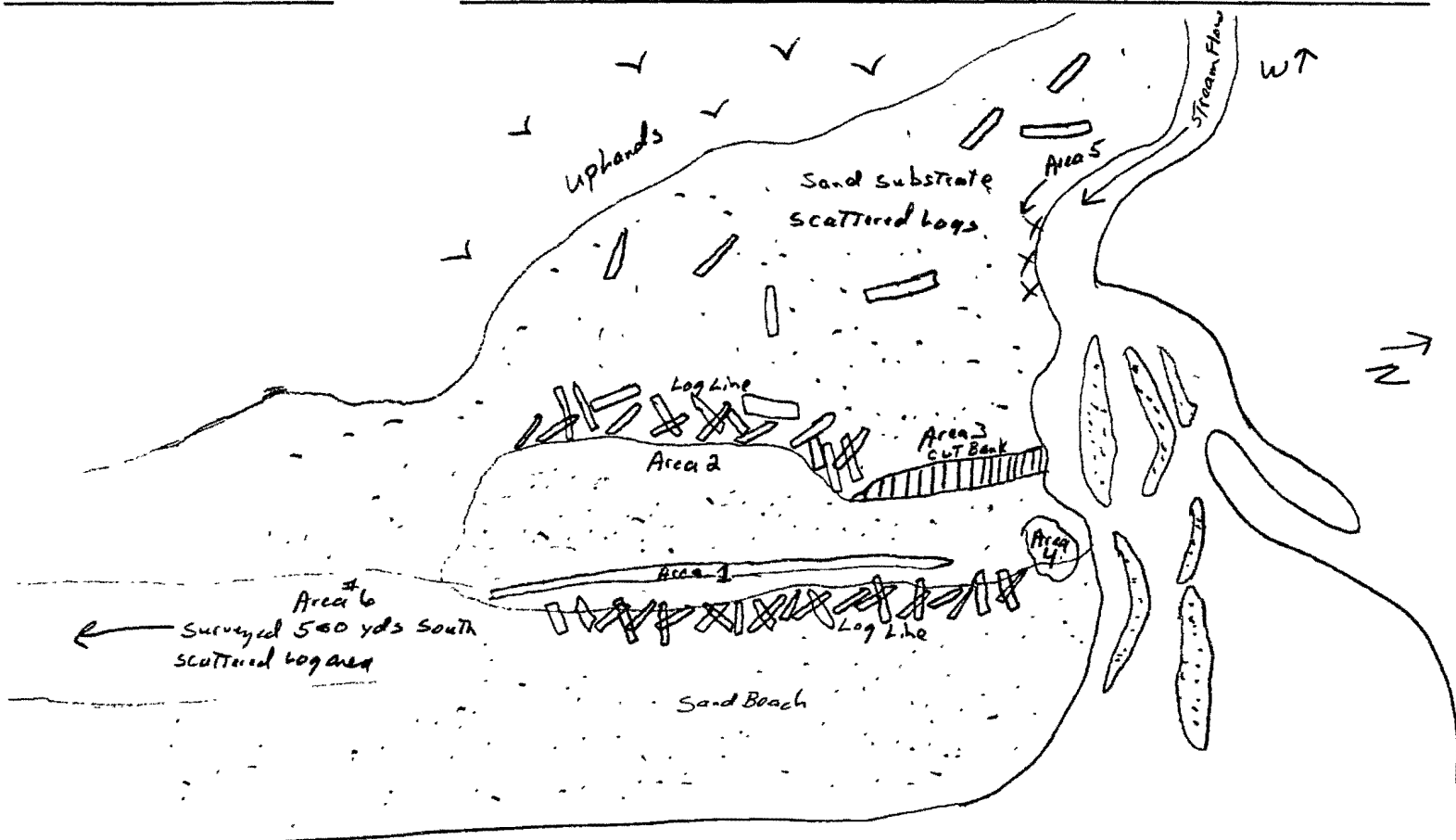
Species _____ Number _____

N/A

35) COMMENTS: Site 6 500m long 40m wide, 192 oil m² = 20,000 Thickness 2, Pen. 0, oil type TB
Oil was removed in the following areas: Area 1, Area 2, Area 4. Oil was not removed from Area 3
Area 5, Area 6. This was a very brief survey in conjunction with the beach survey of PB009.

FRAME(S)

DESCRIPTION



SHELIKOF STRAITS

~~~~~

## MAYSAP FIELD SHORELINE COMMENT SHEET

TEAM NO. 6-HELO SEGMENT PS-9 SUBDIVISION A DATE 5/28/91

## ADEC

NAME J. BARNHAET, ADECSIGNATURE [Signature]

☒ NTR Located several bands of TB's, 1-2% adjacent to Theresa creek, at the stream mouth extending 100 m. upstream. Most were removed or broken apart. Surveyed from the mouth of Theresa creek south approx 500 m. In the area of scattered logs (approx 40 m wide) scattered TB's were located <1%. Very few were removed. Most remain.

## EXXON

NAME R. COULTER, EXXONSIGNATURE [Signature]

☒ NTR BREAKUP/REMOVAL WAS DONE ON ALL TB/AP FOUND ON THIS SUBDIVISION. NO ADDITIONAL CONSIDERATION NEEDED.

## LANDMANAGER

NAME J. HARDISTEROF USFWSSIGNATURE [Signature]

☒ NTR SOR was either recovered by VECO team or, when found to be highly weathered, broken-up. No further treatment recommended.

## SCG/NOAA

NAME CWO R. SPURR/G. SHIGENAKASIGNATURE [Signature]

☒ NTR All mousse/SOR found in this segment was either broken up or recovered by VECO workers during survey.

SURVEYED PORTION OF THE SEGMENT CONSISTED PRIMARILY OF THE WIDE SAND-GRANULE AREAS ON BOTH SIDES OF THE SUPRATIDAL BERM. THE SHOREWARD SIDE WAS APPARENTLY A DRY SAND STREAM BED FROM THE BEACH THAT CURRENTLY BORDERS THE NORTHERN END OF THE SURVEYED SECTION. IN OTHER WORDS, A SUPRATIDAL BERM LIES BETWEEN TWO SANDY AREAS, ONE OF WHICH IS A SAND BEACH AND THE OTHER BEING AN USED STREAM CHANNEL. SINCE THE SURVEYED AREA WAS IN THE SUPRATIDAL AND ABOVE, FEW BIOTA WERE PRESENT. AN OTTER SKULL WAS FOUND BY THE USFWS BEP ABOVE A PREVIOUS SUPRATIDAL AND NEAR THE BASE OF LOW BLUFFS THAT BORDER THE SHORELINE AREA. OILING IN THE FORM OF SOR WAS OBSERVED SPORADICALLY ALONG THE SURVEYED AREA, MOSTLY IN THE PRESENT SUPRATIDAL DRIFT LOG AREA, ON THE SAND FLAT THAT HAD FORMED IN THE BANKS OF THE STREAM CHANNEL, AND ALONG THE SOUTH SHORE OF THE STREAM NEAR ITS MOUTH. THE OIL WERE WELL-WEATHERED AND CONTAINED A HIGH PROPORTION OF SAND AND WERE EITHER RECOVERED OR

PAGE 1 OF 1

**OG COMMENTS:** This segment IS LOCATED ALONG THE WEST SIDE OF PUALA BAY from the mouth of Teresa Creek south along a sandy beach. The oil along this site consisted of tar balls and patties, some large enough to be considered asphalt. However, all the oiled sediment was composed of over 95% sand and highly friable. All of the observed TB/AP was removed by the survey crew, amounting to 1 1/2 bags.

Sketch MAP (UG)  
K10-07-PB-09-A  
28 MAY 1991  
D. M. FITZGERALD  
815-850

# ALASKA PENINSULA

TERESA  
CREEK

FORE  
DUNE  
RIDGE

PREVIOUS CHANNEL SITE  
(SANDY)

OLD MEANDER  
CUT-OFF

DRIFT Accumulation

BEGIN SEGMENT  
PB-10

SANDY

SAND AND  
Cobble  
Delta

MLW

Puale Bay

- A. TB/AP
1. 2-20 by 600m < 1%  
2. 5 by 400m < 1%  
3. 2-4 by 100m < 1%  
most CONC. AROUND  
the former river  
channel

PU. \* VECO WORKERS AND  
SULVEY TEAM PICKED  
UP 1 1/2 BAGS OF TB.  
Some of the highly  
friable TB were broken  
apart

MLW

SANDY

③

②

①

PHOTO SITES

PHOTO SITES

EMERGENT DUNES

LOGS & DRIFTWOOD

GRASSY UPLAND

System

# MAYSAP BIOLOGICAL SUMMARY FORM

TEAM # 6 Help

DATE May 28 1991

SEGMENT # K10-07 PB-09

TIDAL HEIGHT(Range)

(805- ? )

SUBDIVISION M

BIOLOGIST H. Davis

SEA STATE 1-2 ft in Puah Bay

WIND SPEED/DIRECTION Periodic breeze NE

PHOTOGRAPHS: ROLL # 6-24

FRAME # 1-3

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

PB-09 is a wide sandy beach with a supratidal berm and a dry sandy stream bed paralleling the beach behind the berm. In the surveyed portion of the beach (the UITZ and supratidal berm) occasional patches of TB were found at the intersection of the UITZ and the supratidal zone. The UITZ had a line of drift kelp and shells composed mostly of saxidomus, siligua, clinocardium very large Treous (10cm over) Fucus, Verocystis, laminaria and decomposing red blades. The supratidal had drift logs, shells, and fishing debris. The sea purslane and beach grass were beginning to grow up through the sand (Honkenya peploides and Elymus mollis?) An otter skull was found by USFWS and turned over to the NOAA rep.

Surf scoders (6) Cormorants (2)

Glaucous-winged Gulls (6) Dead Kittiwakes (3) Western sandpipers (4) sparrows (4)

## WILDLIFE OBSERVATIONS

TO BE COMPLETED IN ALL SUBDIVISIONS

| BIRDS                | # OF SPECIES | TOTAL BIRDS           | FISH OBSERVED<br>SPECIES PRESENT |
|----------------------|--------------|-----------------------|----------------------------------|
| Eagles               | 0            |                       | 0                                |
| Seabirds             | 1            | 2                     |                                  |
| Waterfowl            | 1            | 6                     |                                  |
| Gulls/Kittiwakes     | 2            | 6 + 3 dead Kittiwakes |                                  |
| Shorebirds           | 1            | 4                     |                                  |
| Corvids              | 0            |                       |                                  |
| Other Birds Sparrows | 1            | 4                     |                                  |

## LAND MAMMALS

| MARINE MAMMALS      | # OBSERVED | SPECIES          | # OBSERVED |
|---------------------|------------|------------------|------------|
| Sea Otters          | 1 skull    | Fox Tracks       |            |
| Pinnipeds (specify) | 0          | Caribou + Tracks | 1          |
| Whales (specify)    | 0          | Bear tracks      |            |

Shoreline subdivision map showing important biological features attached.

# SEGMENT SUMMARY (cont'd)

PRELIMINARY DATA

Segment Number PB-9 Unit-subunit K1007  
 Geographic location Puake Bay - West Shore  
 Date treatment began \_\_\_\_\_

## IX. ADEC shoreline assessment before treatment

- A. Date of survey \_\_\_\_\_
- B. stations (gr, tran, air) \_\_\_\_\_ (stat#)
  1. avg coverage \_\_\_\_\_
  2. avg penetration \_\_\_\_\_
  3. thickness \_\_\_\_\_
  4. findings \_\_\_\_\_
- C. Crew members \_\_\_\_\_
- D. Other agencies involved \_\_\_\_\_
  1. Crew members \_\_\_\_\_

## X. ADEC shoreline assessment after treatment

- A. Date of survey \_\_\_\_\_
- B. stations (gr, tran, air) \_\_\_\_\_ (stat#)
  1. avg coverage \_\_\_\_\_
  2. avg penetration \_\_\_\_\_
  3. thickness \_\_\_\_\_
  4. findings \_\_\_\_\_
- C. Crew members \_\_\_\_\_
- D. Other agencies involved \_\_\_\_\_
  1. Crew members \_\_\_\_\_

Date of sign off 8/19/89

## XI. ADEC additional shoreline assessment

- A. Date of survey 28 Sept 89
- B. stations (gr, tran, air) K100707 (stat#)
  1. avg coverage light - Very light 30% increase
  2. avg penetration 12 cm
  3. thickness 2.5 mm
  4. findings mousse
- C. Crew members Bill Rieth, & J.R. Hopkin
- D. Other agencies involved \_\_\_\_\_
  1. Crew members \_\_\_\_\_

Signature William Rieth Date 4 Feb 90

PRELIMINARY DATA

VII. ADEC Post-treatment Assessment

A. Date of assessment 28 Sept 89

B. Oil characteristics

1. degree oiling light - Very light

2. max thickness 2.5 mm

3. oil type mousse

4. max penetration 12 cm

C. Debris left on beach

1. type \_\_\_\_\_

2. # bags collected \_\_\_\_\_

D. Crew members \_\_\_\_\_

VIII. References/Notes

Dead Birds present

Signature

William R. Rieth

Date

4 Feb '90

PRELIMINARY DATA

3. Bioremediation(Exxon date) \_\_\_\_\_  
4. Chemical(type and date) \_\_\_\_\_

D. Containment and recovery

1. boom deployment \_\_\_\_\_  
2. skimmer type \_\_\_\_\_  
3. comments \_\_\_\_\_

E. Bagging of oily waste and/or substrate

1. Storage of waste  
on beach \_\_\_\_\_ on boat \_\_\_\_\_  
2. Pick up and transportation \_\_\_\_\_  
3. Final destination (if known) i.e.  
incinerator/shredder \_\_\_\_\_

F. Log Burning \_\_\_\_\_ (date)

type \_\_\_\_\_  
ADEC observers \_\_\_\_\_  
# of cords \_\_\_\_\_  
fan used \_\_\_\_\_  
Comments \_\_\_\_\_

G. ADEC observations during treatment

1. Biological Impacts (streams, intertidal,  
etc.) \_\_\_\_\_  
2. Other(crew deployment, working with  
tides, etc.) \_\_\_\_\_

H. ADEC observers \_\_\_\_\_

VI. Phase I Signoff/Demobilization

A. Segment Inspection Record

1. ADEC inspector/date CA Pely 19 Aug '89  
# reported-heavy \_\_\_\_\_

medium \_\_\_\_\_  
light \_\_\_\_\_  
very light x 1%  
None \_\_\_\_\_

reassessment yes \_\_\_\_\_ no x  
demobilization yes \_\_\_\_\_ no \_\_\_\_\_  
comments \_\_\_\_\_

2. USCG inspector/date D. M. Maguire 19 Aug '89  
# reported-heavy \_\_\_\_\_

medium \_\_\_\_\_  
light \_\_\_\_\_  
very light \_\_\_\_\_  
none \_\_\_\_\_

reassessment yes \_\_\_\_\_ no x  
demobilization yes x no \_\_\_\_\_  
comments no oiled manose noted

# KODIAK ADEC SHORELINE TREATMENT SEGMENT SUMMARY

PRELIMINARY DATA

- I. Segment Number PB-9 Unit-subunit K1007  
Geographic location Puget Bay - West shore
- II. SCAT survey date: initial 7/1/89 subsequent \_\_\_\_\_
- III. Review of treatment proposals  
A. submitted to ISCC/KISCC/MAC \_\_\_\_\_  
B. ISCC/KISCC/MAC approval \_\_\_\_\_  
C. Restrictions (resources) Exxon SIR  
streamlined by the local community
- IV. Date of FOSC approval of treatment or Shoreline Cleanup Workorder: 6-25-89 (USCG date)

Work done before work order approved (y/n)? \_\_\_\_\_

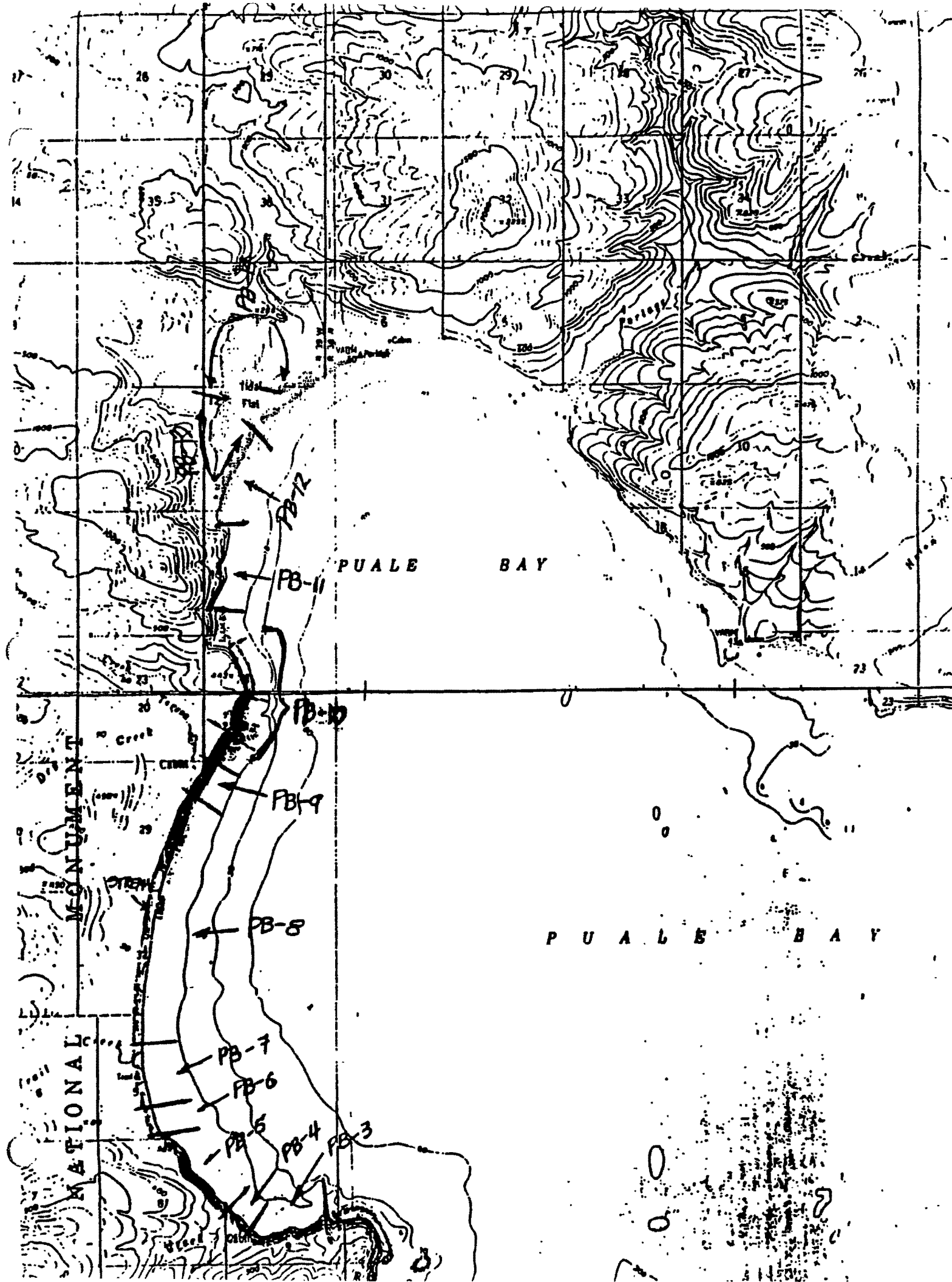
- V. Treatment  
A. Date treatment started (USCG date) 7-9-89  
B. Clean-up crew  
Exxon \_\_\_\_\_ VECO \_\_\_\_\_ NORCON \_\_\_\_\_ Martech \_\_\_\_\_  
Road Crews \_\_\_\_\_ Volunteers \_\_\_\_\_ VRCA \_\_\_\_\_  
Village \_\_\_\_\_ Setnetters \_\_\_\_\_ Seiners \_\_\_\_\_  
C. Type of treatment

|             | SCAT RECOMMENDED                    | PERFORMED            | Exxon SIR                           | ADEC          |
|-------------|-------------------------------------|----------------------|-------------------------------------|---------------|
| 1.          |                                     | none                 |                                     | none observed |
| 2. Type A - | <input checked="" type="checkbox"/> | non-mechanical       | <input checked="" type="checkbox"/> |               |
|             |                                     | hand-wiping          |                                     |               |
|             |                                     | remove oiled fucus   |                                     |               |
|             |                                     | substrate removal    |                                     |               |
|             | <input checked="" type="checkbox"/> | mousse/debris pickup |                                     |               |
|             |                                     | putty knives         |                                     |               |
|             |                                     | trowels              |                                     |               |
|             |                                     | shovels              |                                     |               |
|             |                                     | other                |                                     |               |

comments see priorities considered here.

3. Type B -
- |  |                          |  |
|--|--------------------------|--|
|  | header hose flood        |  |
|  | cold water/High Pressure |  |
|  | warm/hot water/MP        |  |
|  | hot/steam water/HP       |  |
|  | Omni boom                |  |
|  | maxi barges              |  |
|  | LCM/Hot pack             |  |
|  | Other                    |  |

comments \_\_\_\_\_



PUALE BAY

PUALE BAY

NATIONAL MONUMENT

NATIONAL MONUMENT

PB-12

PB-11

PB-10

PB-9

PB-8

PB-7

PB-6

PB-5

PB-4

PB-3