

AFS ~~253-11-10010~~ 254 10 10010
LITTLE RIVER, KODIAK ISLAND
SITE K5-3

253-11-115

ACE 1852388+|F|HF



89 Stream Survey

ASC NUMBER: LOCATION: STREAM NAME: KODIAK K-UNIT: USGS QUADRANGLE: SHORELINE TYPE: Beach

SEGMENT NUMBER: 254 10 10010

YR CATALOGED: LATITUDE: LONGITUDE: LEGAL: WAVE EXPOSURE: H

ASC NUMBER: 253-11-10010
SURVEY TYPE: SS
METHOD: F
DATE: 9/13/89
START TIME: 1335
STOP TIME: N/A

From Salmon Mgmt map
254-10-10010 From Stream Atlas

TEAM RECORDER: Roger Dunbar
OBSERVERS: J. Barnhart, R. Talvi

AGENCY(IES): ADF&G

PHOTOS TAKEN? Y
Roll #: 89-RGT-002-k Frames: 2,3,4
VIDEO TAKEN? Y Tape Number: HS008
Counter Start: 1754

89 JTB 8/8/89

SAMPLES TAKEN? Y
SAMPLE I.D. NUMBERS: 1. K5-3-1
4.

89 RT028K

2. K5-3-2
5.
3.
6.

89 RT028KD

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	100m	2m	200	1	3mm	Ø	TB
SITE 2	100	2m	200	1	3mm	Ø	TB
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: VL

OIL IN STREAM CHANNEL? Y
SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobblex	Silt
Pebble	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SPECIES	PS				
COUNT	1100				

COMMENTS: Site K5-3. Little River, Kodiak Island.

* be sure to enter stream name since
Anad. catalog places this stream
in entirely different Comm. Fish
stat. area.



89 Stream Survey

ASC NUMBER: LOCATION: STREAM NAME: KODIAK K-UNIT: USGS QUADRANGLE: SHORELINE TYPE: *Beach*

SEGMENT NUMBER: LOCAL STREAM #:

YR CATALOGED: LATITUDE: LONGITUDE: LEGAL: WAVE EXPOSURE: *H*

ASC NUMBER: *253-11-10010*
SURVEY TYPE: *SS*
METHOD: *F*
DATE: *9/3/89*
START TIME: *1335*
STOP TIME: *N/A*

TEAM RECORDER: *Roger Dunbar*
OBSERVERS: *J. Barnhart, R. Talvi*

AGENCY(IES): *ADF+G*

PHOTOS TAKEN? *Y*
Roll #: *89-RGT-003-k* Frames: *2,3,4*
VIDEO TAKEN? *Y* Tape Number: *HS008*
Counter Start: *1754*

SAMPLES TAKEN? *Y*
SAMPLE I.D. NUMBERS: 1. *K5-3-1*
4.

2. *K5-3-2* 3.
5. 6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	<i>100m</i>	<i>2m</i>	<i>200</i>	<i>1</i>	<i>3mm</i>	<i>Ø</i>	<i>TB</i>
SITE 2	<i>100</i>	<i>2m</i>	<i>200</i>	<i>1</i>	<i>3mm</i>	<i>Ø</i>	<i>TB</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
Cobblex Silt
Pebble Veget.

SPECIES	<i>PS</i>				
COUNT	<i>1100</i>				

COMMENTS: *Site K5-3. Little River, Kodiak Island,*

Little River / Shelikof

FISH HABITAT ASSESSMENT FORM

Randy Talvi
Jeff Barnhart
Roger Dunbar

REGION: PWS KP, CI ☒ AP OBSERVER(S) Roger Dunbar

SITE NO. K5-3 AERIAL PHOTO NO. K1-16 CAT NO. 253-11-10010

STREAM NAME Little River LAT 57° 50' 0" N LONG 153° 50' 30" W

DATE 9/3/89 TIME 1325 TIDE: Low slack ☒ Flood High slack Ebb

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

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

OIL SAMPLES TAKEN? ☒ N ID NOS. K5-3-1, K5-3-2

35 mm PICTURES TAKEN? ☒ N

Roll 205A converted to 89-RGT-009-K
ROLL NO(S) 205A 9MB

EXPOSURE NO.

DESCRIPTION

2 Tar ball 100 yds up Little river at high tide mark
3 Little River oil
4 Oil splatter on cobble, little River

VIDEO FOOTAGE TAKEN? ☒ N

CASSETTE NO(S) H5008

DESCRIPTION: 1754 → 1813 oil splatter on cobble

ANADROMOUS FISH OBSERVATIONS
PINK CHUM RED KING COHO DOLLY

Aerial								
Ground	1100							

COMMENTS: Pinks spawning in intertidal zone

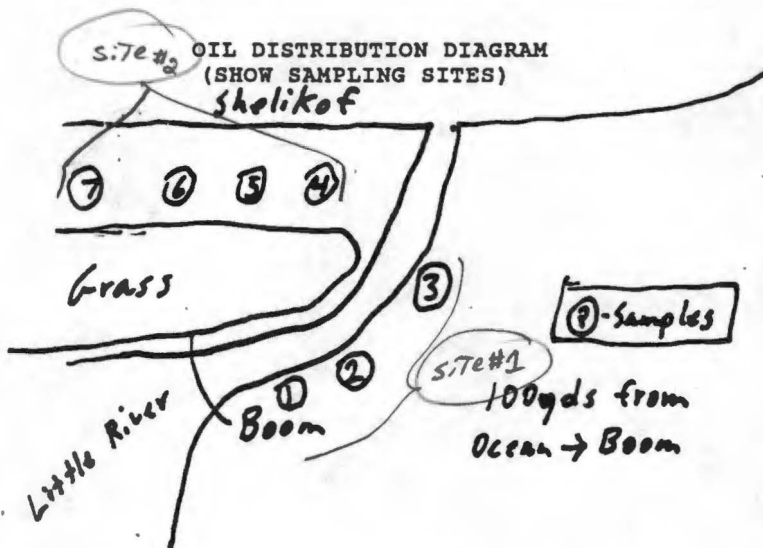
OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
SURFACE COVERAGE	—	See Notes
SURFACE THICKNESS	—	See Notes
PENETRATION	—	See Notes

PREDOMINANT SUBSTRATE TYPE:

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



COMMENTS: Very light splattering on Cobble $\approx$ 2m from high tide line $\approx$ 2m band along Right bank of creek. On Ocean Beach Left side of creek 2m band Very light splattering $\approx$ 5m from high tide line. Very little penetration. Beach Right of creek no oil observed.

K5-3

"*Rite in the Rain*"
ALL-WEATHER WRITING PAPER ®



ALL-WEATHER
LEVEL

Notebook No. 311-M

Ak. Dept. of Fish & Game Habitat
Kodiak, Ak. # 486-5033
Kodiak Archipelago Anadromous
Fish Habitat Assessment

1
Anadromous Fish Habitat Assessment

Exxon Valdez Oil Spill

Date: 9/3/89

Site #: K5-3

Location of sampling point:

Latitude - $57^{\circ}50'0''N$

Longitude - $153^{\circ}50'3''W$

Comments: Lat Long from NOAA
Marine chart

Stream # 253-11-10010

Type of sample: Oil (circle one)
Sediment

How many samples taken? 2

2

Volume of samples: 250 ml

Date & time of collection:

9/3/89 1345

List of sample identification numbers:

K5-3-1

K5-3-2

3

Description of sampling point and
sampling methodology:

Beach Left side of creek
and Right bank of creek
7 sites

See Fish hab. Ass. form

Used methodology as specified
in Draft Plan of Anadromous
Hab. Ass. Plan on Pg 9

4

Roll# 20SA converted To

89-RGT-009-K 9/16

References (Maps, photographs, video)

Aerial Photo: 20SA #2, #3, #4

35mm Pictures: 9/16

- Video footage Cassette # HS008

Footage: 1754 → 1813

Aerial photo # K1-16 9/16

Field Observations: Very light splattering of oil on Cobble $\approx 2m$ from high tide line. Band was $\approx 2m$ wide. Largest splat was only 1'-2" diam. Looked like tar. This was found on Right bank of creek from Boom to Ocean, $\approx 100yds$, it did not go past Boom.

5

Left

To the ~~right~~ of creek

On ocean beach there was more splattering $\approx 5m$ from high tide line. Band was about 2m wide and probably continued past survey. Not much penetration because most was splattered on cobbles. Very light splattering. See Video footage for distribution.

Roger Dunbar
9/3/89

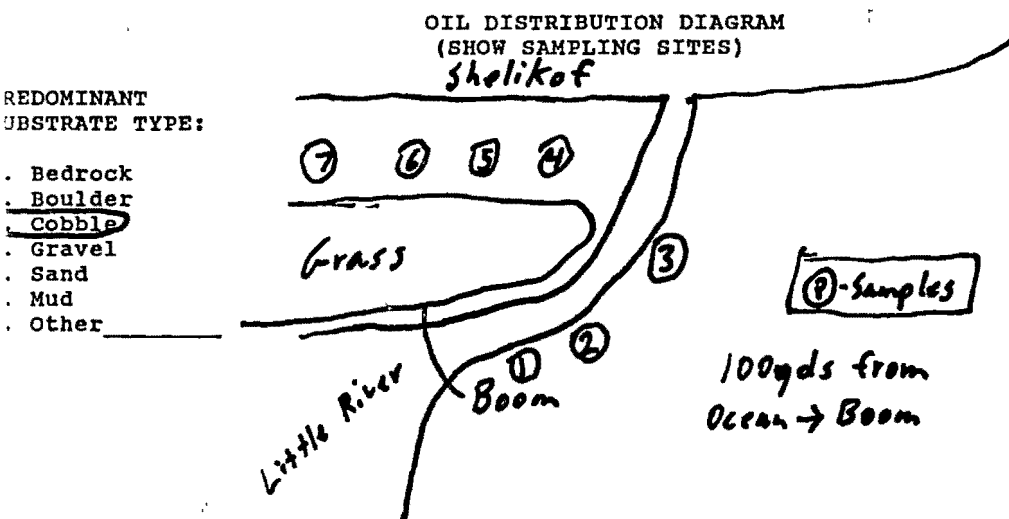
ANADROMOUS FISH OBSERVATIONS								
	PINK	CHUM	RED	KING	COHO	DOLLY		
Aerial								
Ground	1100							

COMMENTS: Pinks spawning in intertidal zone

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
URFACE COVERAGE	—	See Notes
URFACE THICKNESS	—	See Notes
ENETRATION	—	See Notes



REDOMINANT SUBSTRATE TYPE:

- Bedrock
- Boulder
- Cobble
- Gravel
- Sand
- Mud
- Other

COMMENTS: Very light splattering on Cobble ≈ 2m from high tide line ≈ 2m band along Right bank of creek. On Ocean Beach Left side of creek 2m band Very light splattering 5m from high tide line. Very little penetration. Beach right of creek no oil observed.

Little River / Shelikof

FISH HABITAT ASSESSMENT FORM

Randy Talvi
Jeff Barnhart
Roger Dunbar

REGION: PWS KP, CI (K) AP OBSERVER(S) Roger Dunbar

SITE NO. K5-3 AERIAL PHOTO NO. Not available CAT NO. 253-11-10010

STREAM NAME Little River LAT 57° 50' 0" N LONG 153° 50' 30" W

DATE 9/3/89 TIME 1325 TIDE: Low slack (Flood) High slack Ebb

CATALOGED ANADROMOUS STREAM? (Y) N ANAD. FISH FOUND? (Y) N

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

OIL SAMPLES TAKEN? (Y) N ID NOS. K5-3-1, K5-3-2

35 mm PICTURES TAKEN? (Y) N ROLL NO(S). 205A

EXPOSURE NO. DESCRIPTION

- # 2 Tar ball 100 yds up Little river at high tide mark
- # 3 Little River oil
- # 4 Oil splatter on cobble, little River

VIDEO FOOTAGE TAKEN? (Y) N CASSETTE NO(S). H5008

DESCRIPTION: 1754 → 1813 oil splatter on cobble

ACE 1852390

2

Volume of samples: 250 ml

Date & time of collection:

9/3/89 1345

List of sample identification numbers:

K5-3-1

K5-3-2

ACE 1852391

3

Description of sampling point and sampling methodology:

Beach Left side of creek and Right bank of creek
7 sites

See Fish hab. Ass. form

Used methodology as specified in Draft Plan of Anadromous Hab. Ass. Plan on Pg 9

ACE 1852392

4

References (Maps, photographs, video)

→ Aerial Photo: 205A #2, #3, #4

→ 35mm Pictures:

- Video footage Cassette # HS008
Footage: 1754 → 1813

Field Observations: Very light splattering of oil on Cobble $\approx$ 2m from high tide line. Band was $\approx$ 2m wide. Largest splat was only 1-2" diam. Looked Like tar. This was found on Right bank of creek from Boom to Ocean, $\approx$ 100yds. it did not go past Boom.

Left

5

To the ~~right~~ RD of creek

On ocean beach there was more splattering $\approx$ 5m from high tide line. Band was about 2m wide and probably continued past survey. Not much penetration because most was splattered on cobbles. Very light splattering. See Video footage for distribution.

Roger Dantur

9/3/89

Little River cont'd

ACE 1852393

ACE 1852394

26

9/3/89 Sunday A5-1 First site Afognak R.

405 EX (Helicopter) Dave - pilot

Depart 9:10 Am. Land Afognak R.

Depart Afognak R 10:45 Am.

Land Campbell's Lagoon 11:25 Am K5-2

Start area 253-71 sink 10040 gravel substrate

Sample collected 12:20 pm

Lat 57° 51' 45" N 153° 40' 30" W

Long

pinks/silvers.

observed 4 dime size
pieces of mouse at
high tide line along
the 900 yds surveyStart
Survey

Ugouk Bay

600 yds from lagoon
mouth at ocean
mouse paths 11 yards
from extreme tide line.
1 meter wide band
80 yards long

Ugouk Bay

video 1643 - 1754

ST. photos 19 SA #35

Reel 20 SA #1

8013

mouse

rabbit

27

K5-3 Little River Land 11:25 pm

K5-4 Stream 405 STAT Area 254-40

Land 2:15 pm, oil (Tar) samples Taken

at 3:00 pm. 114 yards seaward from storm tide
line. Video 1813 - 1924 strong oil band of rock,
oiled debris, etc. Depart 3:40 pm Land 4:19 pm

98B

09/04/89 Depart Airport 9:30 am

965 TwinStar PHZ company Paul

Stop 10:15 am site K6-1 Sturgeon River.

Video 1924 -

ACE 1852395

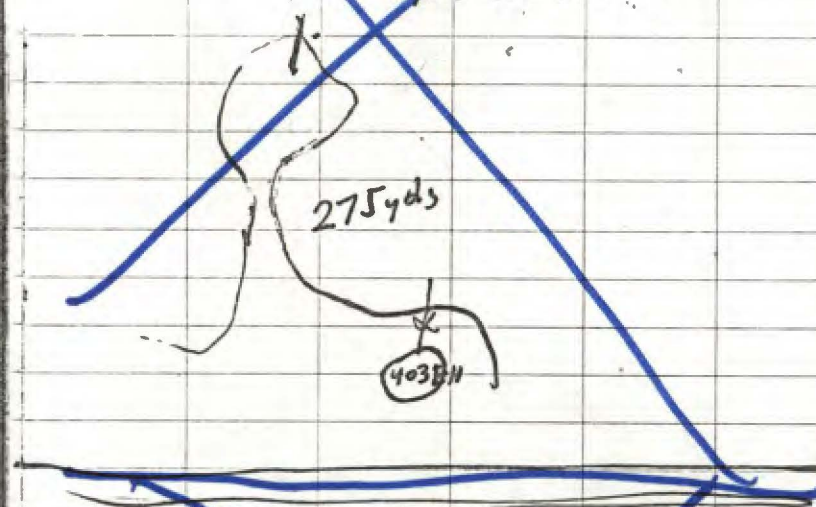
ACE 1852396

9/3/89
A5-1

403EH Dave

Afognak River 0940
Gravel/Cobble

No oil observed



9/3/89 ~~K5-2~~ 1120

Campbell Lagoon - California Creek
Gravel Cobble

K5-3 1325

Cobble

253-11

Shelikof

Samples 1345

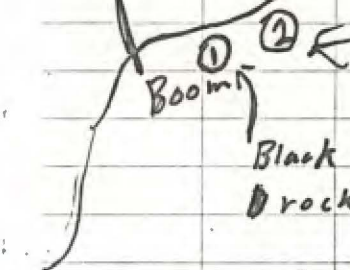
2m ② ⑥ ⑤ ④
5m from high 1100 pinks

Diabla

Little River

100yds
no oil observed

100yds
ocean to Boara



Black Tar 1-2" diam on
Rocks

~ 2m from high tide line
2m Band Light Splattering

Video
1754 1813

K5-3

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ALL-WEATHER WRITING PAPER ©



ALL-WEATHER
LEVEL

Notebook No. 311-M

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AK Dept. of Fish & Game Habitat
Kodiak, Ak. # 486-5033

Kodiak Archipelago Anadromous
Fish Habitat Assessment

ACE 1852399

Anadromous Fish Habitat Assessment
Exxon Valdez Oil Spill

Date: 9/3/89

Site #: K5-3

Location of sampling point:

Latitude - 57° 50' 0" N

Longitude - 153° 50' 3" W

Comments: Lat Long from NOAA
Marine chart

Stream # 253-11-10010

Type of sample: Oil (circle) (circle one)
Sediment

How many samples taken? 2

ACE 1852400-12/FF/HF