OIL IN STREAM
?
ROAD
SYSTEM

259-10-103

AFS 259-10-10085
MILL BAY, KODIAK ISLAND
SITE KB-3

ACE 1853273 HF/HF

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: M

ASC NUMBER: 259-10-10035
SURVEY TYPE: SS
METHOD: F
DATE: 9/4/89
START TIME: 1610
STOP TIME: N/A

TEAM RECORDER: Randy Talvi
OBSERVERS: R. Dunbar

AGENCY(IES): ADF&G

PHOTOS TAKEN? N
Roll #: Frames:
VIDEO TAKEN? Y Tape Number: HS008
Counter Start: N/A

B9JPB008K

SAMPLES TAKEN? Y
SAMPLE I.D. NUMBERS: 1. K6-3-1 2. K6-3-2 3.
4. 5. 6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	400m	4m	1600	1	.635cm	1.27cm	MS
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 X
Cobble	Silt
Pebble X	Veget.

SPECIES	PS	SS			
COUNT	4	No count			

COMMENTS: Salmon count from culvert to creek mouth. Coho (SS) jumping in bay off stream mouth. site K6-3. Island Lake stream, Mill Bay, Kodiak Island.

89 Stream Survey

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

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SAMPLES TAKEN? Y
SAMPLE I.D. NUMBERS: 1. K6-3-1 2. K6-3-2 3.
4. 5. 6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	PEN	OIL TYPE
SITE 1	400m	4m	1600	1	.1635cm	1.27cm	MS
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 X
Cobble	Silt
Pebble X	Veget.

SPECIES	PS	SS			
COUNT	4	No count			

COMMENTS: Salmon count from culvert to creek mouth. Coho (SS) jumping in bay off stream mouth. Site K6-3. Island Lake stream, Mill Bay, Kodiak Island.

Kodiak Is, Mill bay

FISH HABITAT ASSESSMENT FORM

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

SITE NO. K6-3 AERIAL PHOTO NO. Not available CAT NO. 259-10-10035

STREAM NAME _____ LAT* 57°.49'.10"N LONG* 152°.25'.11"W

DATE 9/4/89 TIME 4:10pm TIDE: Low slack (Flood) High slack Ebb

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

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

OIL SAMPLES TAKEN? (Y) N ID NOS. K6-3-1, K

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

EXPOSURE NO.	DESCRIPTION

VIDEO FOOTAGE TAKEN? (Y) N CASSETTE NO(S). HS008

DESCRIPTION: Culvert, stream, beach, sampling of mousse patties

* Taken from ~~Pilots Ch~~ KT Map in ADF+G Oil office Alaska - South Coast Kodiak, Island by NOAA #16580

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
Aerial								
Ground	4 live							

COMMENTS: Survey taken from culvert to creek mouth.

OIL OBSERVATIONS

EXTENT OF OIL:

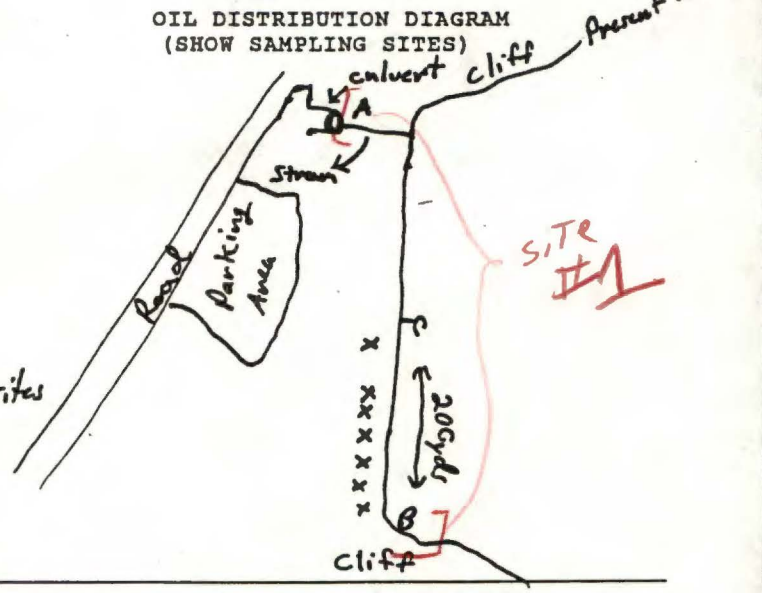
	WITHIN STREAM	OUTSIDE STREAM
SURFACE COVERAGE	—	See notebook
SURFACE THICKNESS	—	See notebook
PENETRATION	—	$\frac{1}{2}$"

PREDOMINANT SUBSTRATE TYPE:

- Bedrock
- Boulder
- Cobble
- Gravel
- Sand
- Mud
- Other_____

X = subsample sites

OIL DISTRIBUTION DIAGRAM
(SHOW SAMPLING SITES)



COMMENTS: Survey of shoreline from High Tide line to present tide revealed very light oil contamination. Length of survey was 400 yds, between points A through B. * See notebook.

K6-3

"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

Anadromous Fish Habitat Assessment

Exxon Valdez Oil Spill

Date 9/4/89

Site# K6-3

Location of sampling point:
Latitude: 57° 49' 10" N
Longitude: 152° 25' 11" W
Comments:
Kodiak Is, Mill bay
AFS # 259-10-10035

Type of sample: Oil Sediment (Circle one)

How many samples taken? 2

2

Volume of samples:

250 ml

Date & time of collection:

Sept 4, 1989

4:10 pm

List of sample identification numbers:

K6-3-1, K6-3-2

3

Description of sampling point and sampling methodology:

* See Fish Habitat Assessment Form - Oil Distribution Diagram, for sampling points

* See Draft Plan Fish Habitat Assessment Plan - Pg 9, for description of sampling method.

References (Map, photos, video)
Aerial Photo: None
35mm Pictures: None
Video footage Cassette # 45008
Footage - ~~(0285~~) Rt
2236 - 2285
View of Beach, stream, Roger, sampling pattie

Map - DMA Stock No. 16AC016580
#16580 Loran-C Overprinted

Field Observations:

Shoreline ~~is~~ predominantly sand and gravel substrate with a few large boulders.

Oil contamination is very light and spotty, with most of it being located between points C and B on Diagram. Contamination

was mostly oil splatters on gravel in a 4 yd wide band which begins 7 yds from High tide line and extends into intertidal zone.

One mours pattie ranging in size from about 3" in diameter to ½ thick was found by a boulder. No other signs of oil contamination was present.

Silver salmon were being caught by fishermen in Mill bay. 4 pink salmon were seen from culvert to mouth of stream.

Randy Tatui
4101 University Dr.
Anch, Ak 99508

Randy, Tatui
9/4/89

Kodiak Is, Mill bay

FISH HABITAT ASSESSMENT FORM

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

SITE NO. K6-3 AERIAL PHOTO NO. Not Available CAT NO. 259-10-10035

STREAM NAME _____ LAT* 57°.49'.10"N LON* 152°.25'.11"W

DATE 9/4/89 TIME 4:10pm TIDE: Low slack (Flood) High slack Ebb

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

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

OIL SAMPLES TAKEN? (Y) N ID NOS. K6-3-1, K6-3-2 JPB

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

EXPOSURE NO.	DESCRIPTION

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

DESCRIPTION: Culvert, stream, beach, sampling of mousse patties

* Taken from ~~Pilots Ch~~ KT Map in ADF+G Oil office Alaska - South Coast Kodiak, Island by NOAA #16580

ACE 1853275

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
Aerial								
Ground	4 live							

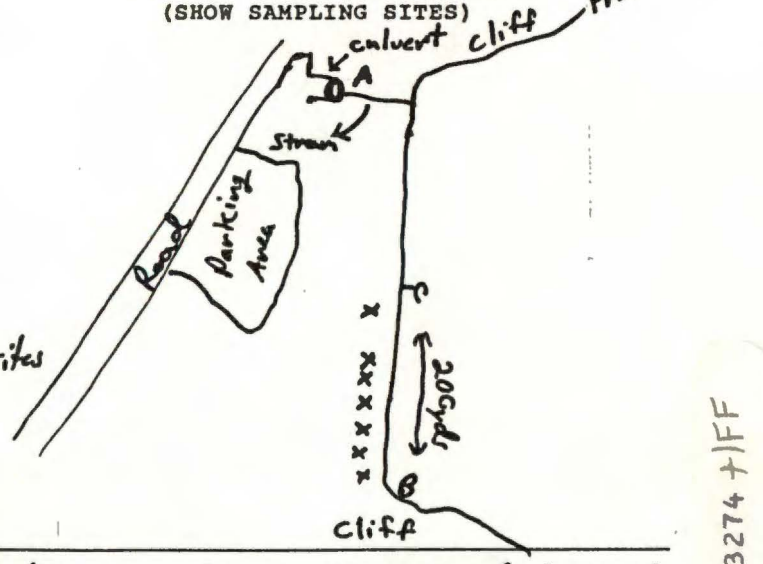
COMMENTS: Survey taken from culvert to creek mouth.

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
SURFACE COVERAGE	—	See notebook
SURFACE THICKNESS	—	See notebook
PENETRATION	—	½"

OIL DISTRIBUTION DIAGRAM
(SHOW SAMPLING SITES)



PREDOMINANT SUBSTRATE TYPE:

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

X = subsample sites

COMMENTS: Survey of shoreline from High Tide line to present tide revealed very light oil contamination. Length of survey was 400 yds, between points A through B. * See notebook.

ACE 1853274 +IFF

2

Volume of samples:

250 ml

Date + time of collection:

Sept 4, 1989

4:10 pm

List of sample identification numbers:

K6-3-1, K6-3-2

ACE 1853276

3

Description of sampling point and sampling methodology:

* See Fish Habitat Assessment Form - Oil Distribution Diagram, for sampling points

* See Draft Plan Fish Habitat Assessment Plan - Pg 9, for description of sampling method.

ACE 1853277

4

References (Map, photos, video)

Aerial Photos: None

35mm Pictures: None

Video footage Cassette # H5008

Footage - ~~0285~~) RT

2236-2285

View of Beach, stream, Roger sampling pattie

Map - DMA Stock No. 16AC016580 #16580 Loran-C Overprinted

Field Observations:

Shoreline ~~is~~ predominantly sand and gravel substrate with a few large boulders.

Oil contamination is very light and spotty, with most of it being located between points C and B on Diagram. Contamination

ACE 1853278

5

was mostly oil splatters on gravel in a 4 yd wide band which begins 7 yds from High tide line and extends into intertidal zone.

One mousse pattie ranging in size from about 3" in diameter to ½" thick was found by a boulder. No other signs of oil contamination was present.

Silver salmon were being caught by fishermen in Mill bay. 4 pink salmon were seen from culvert to mouth of stream.

ACE 1853279

Mill Bay

"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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K6-3

"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

ACE 1853280

1

Anadromous Fish Habitat Assessment
Exxon Valdez Oil Spill

Date 9/4/89

Site# K6-3

Location of sampling point:
Latitude: 57° 49' 10" N
Longitude: 152° 25' 11" W
Comments:
Kodiak Is, Mill bay
AFS # 259-10-10035

Type of sample: Oil / Sediment (circle one)

How many samples taken? 2

ACE 1853281

9/4/89

Chopper - N5796S
Pilot - Paul McKee

0930 - Departure

K6-1 Sturgeon Lagoon

Lat - 57° 30' 30"
Long - 154° 32' 10"

Return - 1300

Video -

K6-2 sediment samples

K6-3 259-10-10035

Shoreline
~~Beach~~ is predominantly sand and gravel, with some large boulders

4yd band 400yds long - 7yd Sth
From Culvert to cliff
Very light oiling one
Mouse pattie found 3" diameter

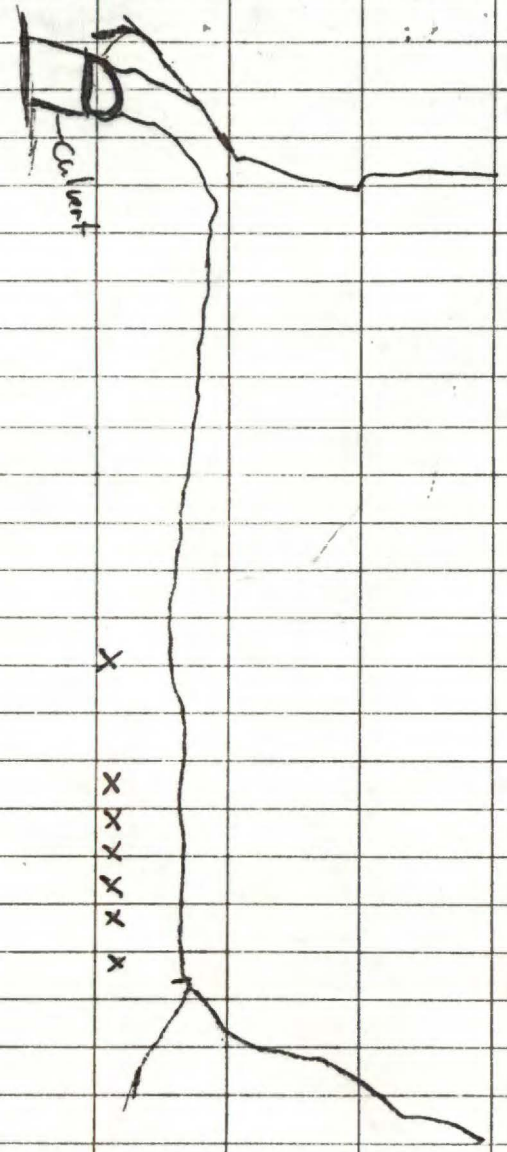
Video 2285 end Creek Beach
2236 start sampling mousepatti

(4) pinks from culvert to stream mouth

Samples 4:10 pm

Lat - 57° 49' 10"
Long - 152° 25' 11"

(22)



K7-1 (23) 1148 am 9/5/89
56° 55' 12" off Choppers Loran
154° 22' 36"

Su Khoi lagoon

A-B East bank Lagoon 600 yds
1-4" dia mouse pattie
5-oil splotches on cobble
and boulders

B-C E bank Lagoon 600 yds
No sign oil contamination
Beach predominantly
pebble with a few cobble
and boulders mixed in

Video Start 2412
End 2514

35 mm