

ORIGIN

SEGMENT INSPECTION RECORD

ADEC # K7-2

Shoreline Segment: Entire Sub Unit

Shoreline Treatment Process(es) Completed for this Segment

Yards Signed Off

- | | |
|--|--|
| ☐ Hot water wash | ☐ Mechanical |
| ☐ Warm water wash | ☒ Non-mechanical |
| ☐ Water deluge | ☐ Other |

Exxon

Treatment as indicated above has been completed. Request demobilization from this segment.

Exxon Comments

Signature *Jack A Rickner* Date 7/27/89 Time 1847

Printed Name Jack Rickner

Existing Shoreline Condition As
Visually Determined by USCG
Surface Oil

- | | |
|--------------------------|------------------|
| Percent | Degree of Oiling |
| ☐ | Heavy |
| ☐ | Medium |
| ☐ | Light |
| ☐ | Very Light |

100%

Subsurface Oil

- ☐ Yes ☒ No

Comment Below

Reassessment

- ☐ Yes - Necessary

- ☒ No - Not necessary unless re-oiled

ADEC Rep

Comments

Existing Shoreline Condition As
Visually Determined by ADEC
Surface Oil

- | | |
|--------------------------|------------------|
| Percent | Degree of Oiling |
| ☐ | Heavy |
| ☐ | Medium |
| ☐ | Light |
| ☐ | Very Light |

100%

Subsurface Oil

- ☐ Yes ☐ No

Comment Below

Reassessment

- ☐ Yes - Necessary

- ☐ No - Not necessary unless re-oiled

Signature _____ Date _____ Time _____

Printed Name _____

FOSC Rep Type A Shoreline Demobilization approved / disapproved

Comments No evidence of surface or subsurface oil.

Signature *P.J. Cormier* Date 1 Aug 89 Time 2230

Printed Name P.J. Cormier, USCG

Copy: Exxon ADEC FOSC ISCC Return All Signed Originals to Exxon

ACE 1853030+1F/S/HF

(version 6/04/89)

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Block (see enclosed map): K7-2

Includes Shoreline Segments: LC-8 LC-9 LC-10, LC-11

Location: Bumble Bay

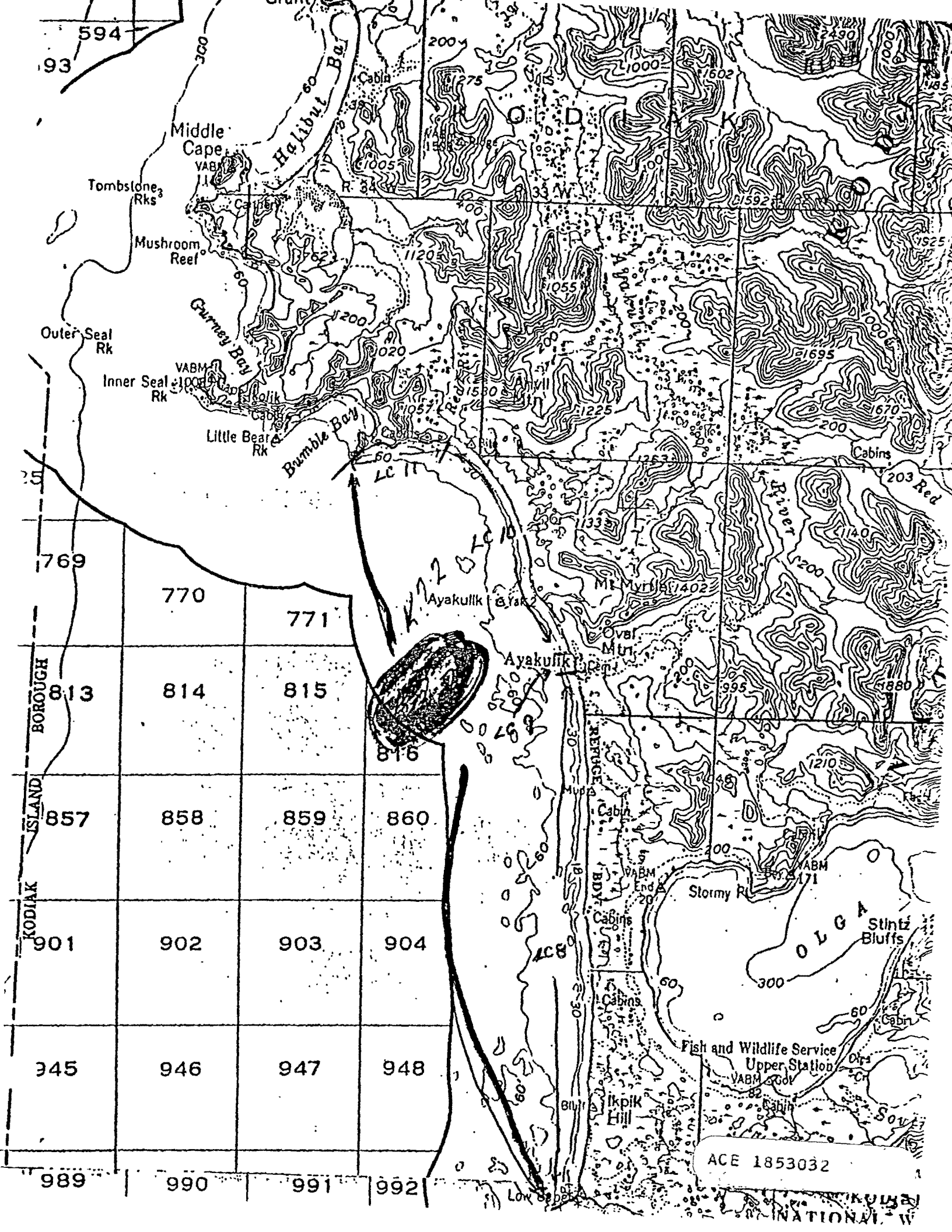
Submitted: _____ Date: _____
(for Exxon)

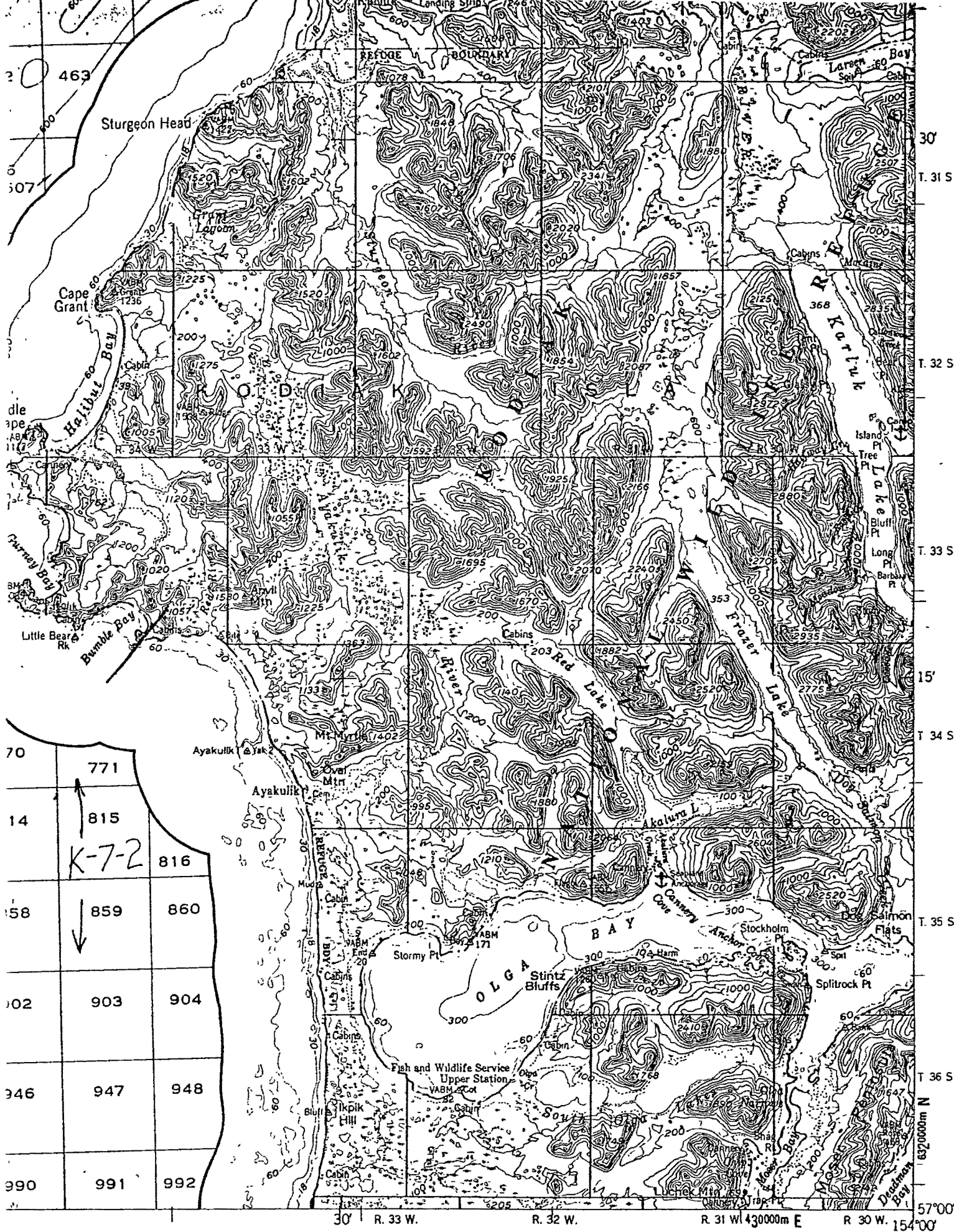
FOSC Approval: _____ Date: _____

The cleanup procedures identified in the Shoreline Cleanup Program are recommended. Exxon and other field personnel are encouraged to suggest innovations and productivity enhancements to the OSC's on-scene representative. Requirements for safety and the protection of cultural material must be observed.

CC: KISCC

ACE 1853031





ACE 1853033

Shoreline Segment Tracking Form

Zone **KODIAK** Unit-SubUnit-Segment ID **K-07-2** Date **1 Aug 89**

Shoreline / Segment Name

AYAKULIKPredominant Sediment
(circle one)

Boulder (>256 mm)	Cobble (64-256 mm)
Pebble (4-64 mm)	Gravel (2-4 mm)
Sand (0.06-2 mm)	Mud (<0.06 mm)
Rock	Vertical Cliff

Impact Classification
(circle one) **

Heavy	Moderate
Light	Very Light
No Oil	

Oiling On Debris
(circle one)

Heavy	Moderate
Light	None

Seg. Length (yds) Oiled Width (yds) % of Seg. Area* Oiled Penetration (In.)

* Seg. Area=Seg. Length x Oiled Width

Treatment / Notes

Beach Treatment /
Gross Contamination Removal

Start Date
Completed Date

Form Filled Out By
(circle one)

SCAT	ADEC	ADF&G	NPS
USFWS	USCG	NOAA	Other

- ** Heavy - >50% discontinuous coverage or
>6m continuous band.
Moderate - 10 to 50% discontinuous coverage
or 3 to 6 m continuous band.
Light - 1 to 10% discontinuous coverage
or 1 to 3m continuous band.
Very Light - <1% discontinuous coverage
or <1m continuous band.

Observer: **PJ Cormier**

This form must be completed for any beach segment that is being treated, other than SCAT segments, and must be submitted with a map attached which shows the segment boundaries.

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 7/15/89

SHORELINE SEGMENT K7-2-LC-9

LOCATION: (see enclosed map) Ayakulik River, Kodiak Island

ADEC NO. K7-2 SHORELINE ASSESSMENT DATE: 6/24/89

Recommended Cleanup Activity(ies):

- No cleanup recommended at this time (subject to FOSC reassessment at a later date).
- No oil observed.

Priorities/Considerations: Class 3-B

Ecological Constraints (from site survey):

- No ecological constraints.

Archaeological Constraints (from site survey):

- If cleanup is conducted and heretofore undiscovered cultural materials are uncovered contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

A. David McMan
State Historic Preservation Officer *

Date: 7/20/89

EXXON: _____

Date: _____

FOSC: _____

Date: _____

*Signature required to satisfy stipulations in Alaska DNR land use permits for tide and submerged lands.

(version 5/16/89)

SHORELINE OIL EVALUATION FORM - KODIAK

Date: June 24
1989 / Time: 11:30

Observer: MIKE MILES

Surveyed From: Foot/Boat/Helio/Plane

Weather: Sun/Cloud/Rain/Snow/Fog

LOCATION

LOCATION AYAKLIK RIVER

SEGMENT I.D. K7-2-LC-9

LENGTH OF SHORELINE SEGMENT: 900 m

ACCESS: Foot/Vehicle/Boat/Barge/Helio/Float Plane

SHORELINE:

Shoreline Type: SPI/BEA/COV/HID/STRT

Slope: LANG/HANG/VER

Wave Exposure: High/Med/Low

Sediment: B/0% / C/30% / P/30% / W/A / S/30% / M___% / R___%

Drift Debris on Beach: Yes/No

Supra/Upper/Mid/Lower Type logs

OIL

Degree of Oiling: Heavy/Moderate/Light/No Oil/Unobserved

Total Area of Beach Impact: SU / SP / H / M / L

OIL DISTRIBUTION

Continuous: Y/N Segment # _____ No. Bands _____ Width _____

Sporadic: Y/N Segment # _____ Min/Max Dia _____ Impact Width _____

Est. Oil Thickness where > 1cm: 4/A cm SU / SP / UP / MID / LO

Est. Oil Penetration: _____ cm SU / SP / UP / MID / LO

Layers? Yes/No No# Layers _____ Oil Weathering _____

Drift Debris Oiled? Yes/No Supra/Upper/Mid/Lower Amount: H / M / L / VL

OIL MORPHOLOGY

Pooled Oil 0% "Free" Oil 0% Spattered 0% H/H/L/VL Sheen 0%

OIL WEATHERING (OW)

Fresh Oil 0% SU/SP/VP/MID/LO Choc Mousse 0% SU/SP/VP/MID/LO

Pancake Mousse 0% SU/SP/VP/MID/LO Asphalt Mousse 0% SU/SP/VP/MID/LO

Tar Formation 0%

Comments:

SEE ATTACHED COMMENT SHEET

ACE 1853037

DOCUMENTATION:

Map/Aerial photo marking segment boundaries See Attached

VTR: Y/N Tape Number(s) _____

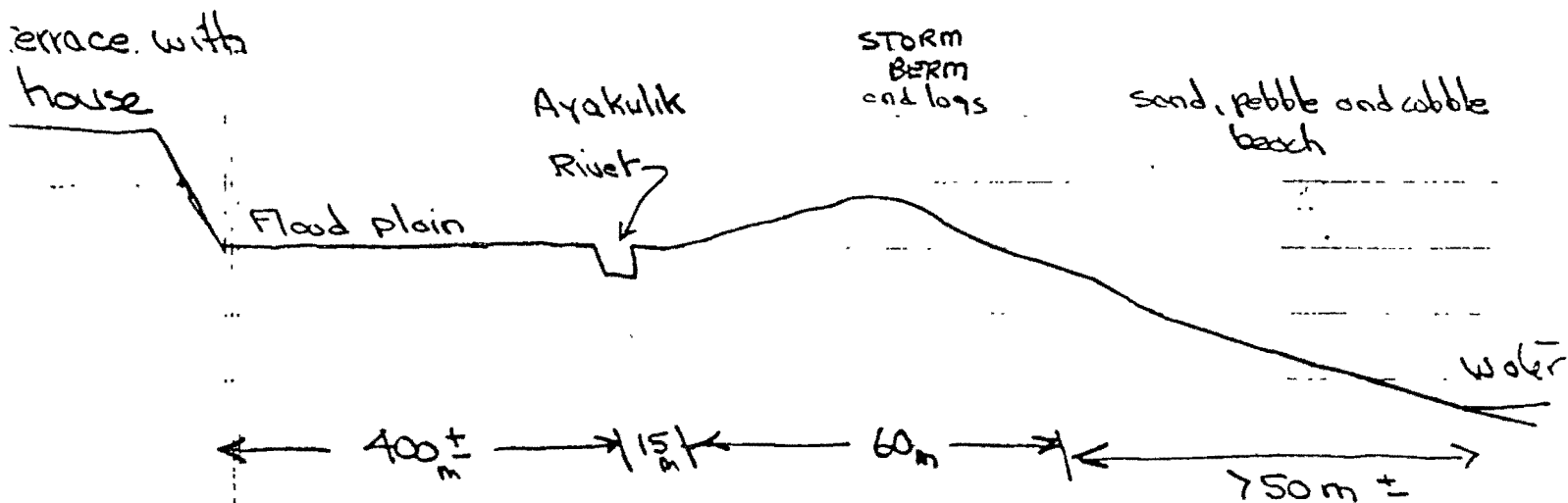
Photography: Y/N Roll Number(s) DMC-15

Sample Numbers Collected: N/A

Mike Miles
June 24/89

AYAKULIK RIVER
K7-2-LC-9

Representative beach cross-section



Mike Miles
June 24/89

AYAKULIK RIVER
SEGMENT K7-2-LC-9

COMMENTS
AYAKULIK RIVER

This segment consists of a wide sandy pebbly cobbly beach and berm at the mouth of Ayakulik River.

No oil was observed on these beach sediments. The Alaska Department of Fish and Game has 2 fish biologists/technicians living at this site. ~~and~~ They reported that a 1 to 3 m wide band of "spattered tar" was on this beach approximately 3 weeks ago. None of this oil is now evident on the beach.

Small quantities of spattered tar occurs on pieces of driftwood located along the high tide line. This oil is now dry and firmly attached to or soaked into the driftwood and this material has no potential for causing ~~seen~~ any re-oiling problems.

No clean-up activities are recommended at this time.

*1 tar spatters are < 1 cm in diameter ~~and~~ and occur at low densities.

ECOLOGICAL EVALUATION

LOCATION: AVAKULIK RIVER SITE: _____ OBSERVER: D McCORMICKLOCATION PREFIX: LC SEG. NO.: 9 LENGTH: 800 (M)DATE: 6/24/89 TIME (HHMM): 1100 TIDE HT.: +0.5 (M)OILED ZONE: Splash High Medium Low NoneSUBSTRATUM: Rocks Boulder Cobble Gravel Sand MudLIVE BIOTAFucus (algae): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/NMytilus (Mussels): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/NBalanus (Barnacles): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/NLittorinaPatchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/NLimpets: Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/NOTHER OBSERVATIONS: 2 sets bear tracks going N, 1 set going S, 3 deer on trail
above river, no shells; fox tracks, deer tracks on beach.CLEANUP PRECAUTIONS: No cleanup recommended due to sensitivity of areaMAMMALS: Otters _____ Harbor Seals 7 Sea Lions 1 Whales _____
Other all 5 species of salmon use Avakulik R.BIRDS: 16 eagles observed at river mouth, gulls and puffins offshore; cliff swallowsGENERAL OBSERVATIONS: An ADF+G fish camp set up here to monitor sockeye and King
salmon escapement; eagles, seals & sea lions feeding on migrating salmon
Dibru in high ITZ very lightly oiled ADF+G staff said area was more heavily oiled (as if in a
cove) approximately 3 weeks ago, but little evidence of this remains (this is a high
energy beach)

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 6/24/89 Location Ayakulik River Site SPIT

Location Prefix K7-2-LC Segment # 9 Length 800 M

Survey Method:

Air _____ (A - indicate on map) Boat _____ (A - indicate on map)

Ground ✓ (G - indicate on map)

Known cultural resources (AHRS #) None Data Source AHRS

Oil conditions/beach visibility None

Width of beach zone surveyed 5 m ^{River} ~~Tree Fringe~~ surveyed 700

Cultural resources observed in beach zone (AHRS code) NONE

Cultural resources observed in tree fringe (AHRS code) NONE

General observations justifying survey method and segment's site probability:

Shore Profile gentle sand, pebbles, cobble & boulder beach / low wet grass swale along River behinds, r

Fresh Water Sources Ayakulik River

Sea Exposure open exposed high energy beach

Access/Safety easy access by boat & plane

Probability of undiscovered sites in beach zone (circle one) 1 2 3 4 5

Monitoring during cleanup needed yes/no N/A Collection yes (no)

Photos: Color Roll # MRY-8 Frames 26-27

B/W Roll # RHJ-#1 Frames 11-14

Observer(s) R. Jordan / M. Yarborough

Time survey started 11:01 Time survey ended 12:30

Cultural resource considerations/restraints:

None - no cleanup is recommended at this time. Should this
recommendation change, this segment will need re-evaluation
& monitoring. Two sites (KAR-12, 13) are known to be inland
from spit.

Handy

7-2

7-2

PACIFIC

OCEAN

7-2

7-2

LC-9

AYAKULIK RIVER

K7-2-LC-9

C I F I C
 A C I
 P

ACE 1853043

Shoreline Assessment Form

Zone **KODIAK** Location/Unit ID **7-2** SCAT Segment ID

Shoreline / Segment Name

Old Red River

Predominant Sediment
(circle one)

Boulder (>256 mm)	Cobble (64-256 mm)
Pebble (4-64 mm)	Gravel (2-4 mm)
<u>Sand (0.06-2 mm)</u>	Mud (<0.06 mm)
Rock	Vertical Cliff

Impact Classification
(circle one) *

Heavy	Moderate
Light	Very Light
<u>No Oil</u>	Unobserved

Oiling On Debris
(circle one)

Heavy	Moderate
Light	None

Segment Length

Examined (yds)

Oiled Width (yds)

% of Seg.

Oiled

Penetration (in.)

Recommended Treatment / Comments

Beach Treatment /
Gross Contamination Removal

Start Date

Completed Date

Pre-assessment Done
By (circle one)

SCAT	ADEC	ADF&G	NPS
USFWS	USCG	NOAA	Other _____

Assessment Date

Approval Date

Observer: Jay Vincent

Reviewed By: _____

Entered By: MTG

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>6m continuous band.
Moderate - 10 to 50% discontinuous coverage
or 3 to 6 m continuous band.
Light - 1 to 10% discontinuous coverage
or 1 to 3m continuous band.
Very Light - <1% discontinuous coverage
or <1m continuous band.

ACE 1853044-11/5/HP