

WH-003B ASC 16322 site #1
CLAW PEAK POINT (Whale Bay)

ACE 1369664



indeed for
oiling 9/18/91.
no oil found in Spring, 90
some fuel later.

DOCUMENTS IN STREAM FILES

ASC# _____

Segment # _____

____ '89 Intertidal Assessment Survey, Sport/Com. Fish
____ '89 Shoreline Clean-Up Program (SAT)
____ '89 Anadromous Fish Stream Authorization, for instream work
____ '89 Stream Treatment Reports
____ '89 Demobilization Reports _____ Bioremediation _____ other
____ '89 RLS Sheet _____ Oil sed. sample _____ Egg sample
____ '89 Fall Walk-a-thon Survey, ADEC
____ '89 Winter Assess. Study Site _____ Winter Stream Survey Form
____ '89 Other Documents _____

____ '90 Pre-Anadscat Survey, multi-assessment form
____ '90 Anadscat Survey
____ '90 Anadromous Fish Stream Evaluation (work order)
____ '90 Anadromous Fish Stream Addendum to work order
____ '90 Shoreline Evaluation, SAT and work order for segment
____ '90 Anadromous Fish Stream Authorization, Title 16 permit
____ '90 Stream Treatment Report
____ '90 ADEC Demobilization Report for Bio
____ '90 ADF&G Oiling Condition Survey, for ASAP use (Aug. Sur.)
____ '90 ASAP Survey _____ ASAP Rec. _____ ADEC Rec. (____)
____ '90 Other Documents _____

ATW
Pre-ANADSCAT-90

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS (SS) CS TS AVS SC&A MM&S PTA

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

METHOD: Aerial (Ground) Boat

3 DATE: 4/12/90 WH003

15 HIGH TIDE TIMES: 1

21 TEAM RECORDER: TOM CROWE

4 START TIME: 1224

16 HIGH TIDE HTS: 1

22 OBSERVERS: NONE

5 STOP TIME: 1225

17 LOW TIDE TIMES: 1

23 AGENCY: ADF&G

6 SEGMENT #: WH003

18 LOW TIDE HTS: 1

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: _____

Start: _____ End: _____

10 LAT: _____

11 LONG: _____

26 SAMPLES TAKEN? Y (N) Number _____

12 SOURCE: Map Loran

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								
30 OVERALL OIL IMPACT: <u>(N)</u>	VL	L	M	H				

36 CATALOGED ANAD. FISH STREAM? (Y) N

37 CATALOG #: 16322

38 STREAM NAME: _____

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

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

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

44 ANADROMOUS FISH OBSERVATION

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

Species Aerial Ground

COMMENTS: No oil

Oil present under snow at time of survey - Addendum
written to work area 9/23/90

ACE 6331952

LOCATION:

STREAM NAME:

KCDIAK K-UNIT: .

USGS QUADRANGLE:

SHORELINE TYPE:

WAVE EXPOSURE:

SEGMENT NUMBER:

LOCAL STREAM #:

ALL SEGMENTS:

YR CATALOGED:

LATITUDE:

LONGITUDE:

LEGAL:

ASC NUMBER: 126 -20 -16322

SURVEY TYPE:

METHOD:

DATE: / /

START TIME:

STOP TIME:

TEAM RECORDER:

OBSERVERS:

AGENCY (IES) :

PHOTOS TAKEN?

Roll π :

Frames:

VIDEO TAKEN?

Tape Number:

Counter Start:

SAMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1.

2.

3.

4.

5.

6.

SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OIL IN STREAM CHANNEL?

-SUBSTRATE-

Bedrock

Boulder

Cobble

Pebble

Granule

Sand

Silt

Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH?

SPECIES					
COUNT					

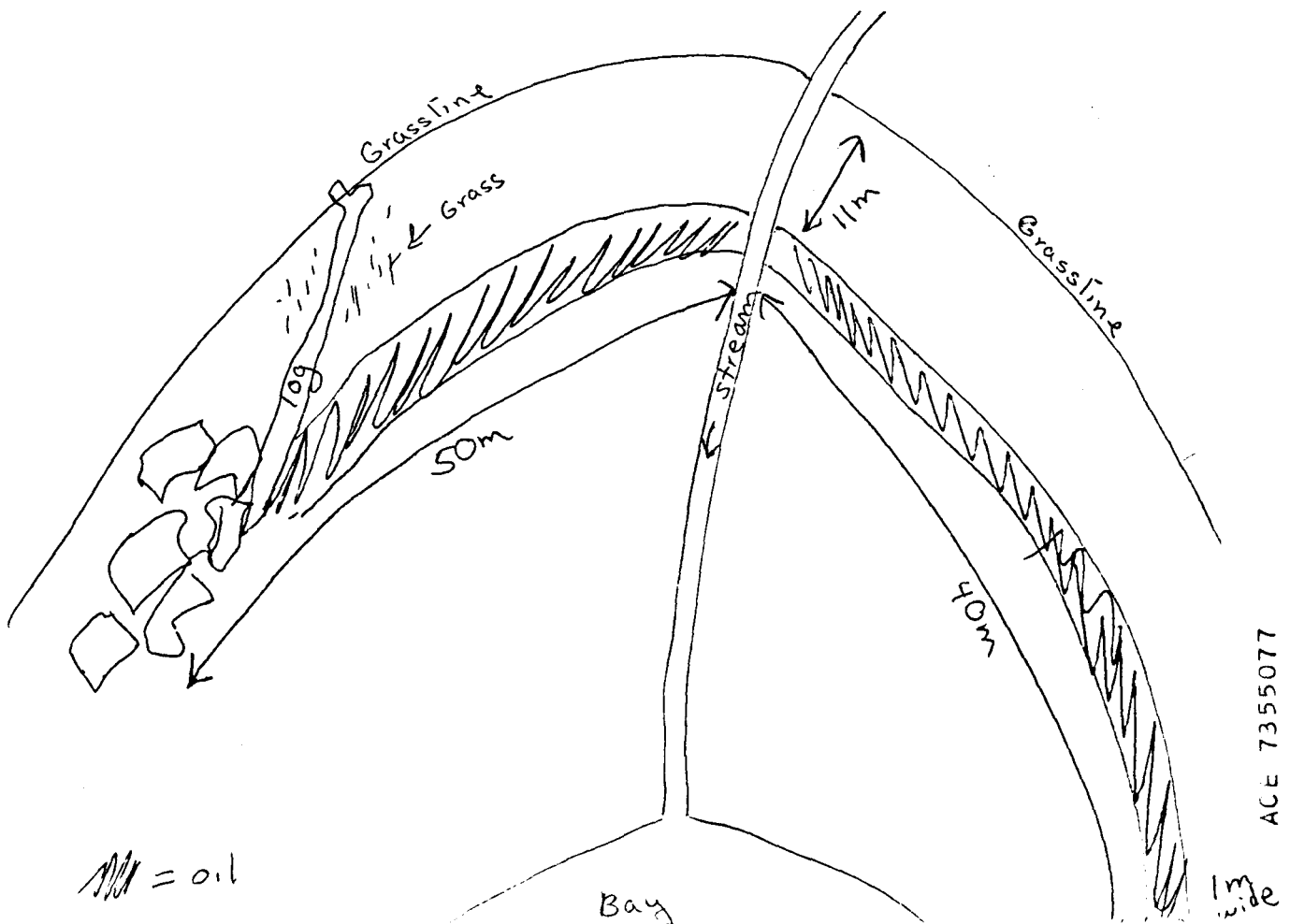
COMMENTS:

ANADROMOUS FISH STREAMS/OILING CONDITION
PWS

Segment # WH003 ASC# 226-20-16322 Location Whale Bay
Date 8/8/90 Recorder/Observer Tom Crowe, Aimee Weseman, Ken Middleton
Oil in streambed yes Oil on streambanks yes
Oil within 50m of mouth yes Anadromous Fish present yes -
At mouth of stream

Description of oil and comments Oil band of gravel in
UITZ Oil soaked walnut sized gravel JOP/OK and
tarmat. More manual work could be accomplished with
removal of contaminated substrate 1/2 day of work
maximum

Oil Distribution Diagram



CATALOG NUMBER: 2262016322

SEGMENT NUMBER: WH003 B

STREAM NAME:

SHORELINE TYPE:

LOCATION: MAINLAND, WHALE BAY, CLAW PEAK POINT

DATE: 04/12/90 TIME: BEACH-1225

SITE	WIDTH (m)	LENGTH (m)	AREA (sqm)	PERCENT OIL	THICKNESS (cm)	PENETRATION (cm)	SURFACE SUBSURF	OIL TYPES	COMMENTS
1							SURFACE	NO OIL	

COMMENTS:

NO OIL. OIL PRESENT UNDER SNOW AT TIME OF SURVEY - ADDENDUM WRITTEN TO WORK AREA, 9/27/90 AJW.

OIL ON STREAM BANKS:

OIL WITHIN 1 MILE OF STREAM:

ANADSCAT-90

30/38

OPERATIONS FIELD NOTES

See Back for Instructions

SEGMENT ID W4-003
 STREAM ID # 226-20-16322
 ANNOTATED MAP INCLUDED Y/N

DATE 4/27/90
 NAME Snook
 TEAM # 14/15

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

SUBSURFACE OIL

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									

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								
"Pocket" #3								
Random/Continuous								

OILED LOGS Y/N	OILING H/M/L	QUANTITY L/M/S	BURN Y/N
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Is there Other Debris on the Beach? Y/N How Many Bags? _____ Is it mingled with the Oiled Debris Y/N

GENERAL Snow covering ____ % of the Supratidal Zone?

Wave Exposure H/M/L Access Limitations: _____

Snare Boom/Pom Poms Recommended? _____

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

COMMENTS:

NO TREATMENT RECOMMENDED - BASED ON ADF&G
PRESURVEY DOCUMENTATION OF THIS STREAM.
- NO OIL -

ACE 6331946 +15

PRESURVEY ~~ADFG~~ DOCUMENTATION OF THIS STREAM BY TOM CROWE ON
4/12/90 REVIEWED BY USCG & ADFG PRESU Y DOCUMENTATION IS 3
FIELD SHORELINE COMMENT ...EET ATTACHED. /
AL SNOOK
EXXON REP.

ASC#:

SEGMENT ST 1 WH-003 SUBDIVISION: 226-20-16322 DATE 4/27/90

USCG

NAME KERWIN L. DREHER SIGNATURE CWO K. L. Dreher

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~ADEC~~ ADFG

NAME TOM CROWE SIGNATURE [Signature]

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~LAND MANAGER~~

NAME _____ SIGNATURE _____

☐ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

ACE 6331947

Ana⁹ Survey / ANADSCATZ
P' NTR 38

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: ES SS CS TS AVS SCW MMS PTA 2 REGION: PWS KP,CI K,AP

METHOD: 4/12/90 Aerial Ground Boat

3 DATE: WH003 15 HIGH TIDE TIMES: 1 21 TEAM RECORDER: TOM CROWL

4 START TIME: 1224 16 HIGH TIDE HTS: 1 22 OBSERVERS: NONE

5 STOP TIME: 1225 17 LOW TIDE TIMES: 1 23 AGENCY: ADF&G

6 SEGMENT #: WH003 18 LOW TIDE HTS: 1 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#: Start: End:

9 STAT AREA: 20 USCG QUAD: 26 SAMPLES TAKEN? Y N Number

10 LAT: 11 LONG: 011

12 SOURCE: Map Loran Sediment

13 LOCATION: WHALE BAY Biological

14 DESCRIPTION: Water

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	L	W	M ²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								
30 OVERALL OIL IMPACT: <u>(N)</u>	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 <u>Beach</u> Cove								
	Lagoon	Marsh						
34 WAVE EXPOSURE: <u>High</u> Moderate Low								
35 SUBSTRATE TYPE: Bedrock Boulder Cobble								
	Gravel	Sand	Mud/silt					

36 CATALOGED ANAD. FISH SREAH? Y N 226-26

37 CATALOG #: 16322

38 STREAM NAME:

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:

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

COMMENTS: No OIL

ACE 6331948 -15

32/38

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: ES SS DS TS AVS SCMA MMS PTA

2 REGION: PWS KP, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4/12/90
WH003

15 HIGH TIDE TIMES: 1

21 TEAM RECORDER: TOM CROWL

4 START TIME: 1224

16 HIGH TIDE HTS: 1

22 OBSERVERS: NONE

5 STOP TIME: 1225

17 LOW TIDE TIMES: 1

23 AGENCY: ADF&G

6 SEGMENT #: WH003

18 LOW TIDE HTS: 1

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:

Start: End:

10 LAT:

11 LONG:

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran

Oil

13 LOCATION:

WHALE BAY

Sediment

14 DESCRIPTION:

Biological

Water

EXTENT OF OIL

SHORELINE

STREAM

L

M

M²

%

L

M

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 SREAM? Y N

37 CATALOG #: 226-26
16322

38 STREAM NAME:

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:

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

Species Aerial Ground

COMMENTS:

No OIL

Oil discovered later in Spring 90 - under snow at
time of Pre-ANADSCAT ATW

ACE 6331949 +15

OPERATIONS FIELD NOTES

See Back for Instructions

30/38

SEGMENT ID W14-003
 STREAM ID # 226-20-16322
 ANNOTATED MAP INCLUDED Y/N

DATE 4/27/90
 NAME Snook
 TEAM # 14/15

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

SUBSURFACE OIL

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									

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								
"Pocket" #3								
Random/Continuous								

OILED LOGS Y/N	OILING H/M/L	QUANTITY L/M/S	BURN Y/N
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Is there Other Debris on the Beach? Y/N How Many Bags? _____ Is it mingled with the Oiled Debris Y/N

GENERAL

Snow covering ____ % of the Supratidal Zone?

Wave Exposure H/M/L

Access Limitations: _____

Snare Boom/Pom Poms Recommended? _____

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

COMMENTS:

NO TREATMENT RECOMMENDED - BASED ON ADFIG
PRESURVEY DOCUMENTATION OF THIS STREAM.
- NO OIL -

ACE 6331950

PRESURVEY ~~ADFG~~ DOCUMENTATION OF THIS STREAM BY TOM CROWE ON
4/12/90 REVIEWED BY USCG & ADFG. PRESENT DOCUMENTATION IS 3
FIELD SHORELINE COMMENT 11EET

ATTACHED 1/2
AL SNOOK
EXXON REP.

ASC#:

SEGMENT ST1 WH-003 SUBDIVISION: 226-20-16322 DATE 4/27/90

USCG

NAME KERWIN L. DREHER

SIGNATURE CWO K. L. Dreher

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~ADFG~~ ADFG

NAME TOM CROWE

SIGNATURE Tom Crowe

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~LAND MANAGER~~

NAME

SIGNATURE

☐ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

ACE 6331951 - 15

ATW
Pre-ANADSCAT-90

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: 4/12/90
WH003

15 HIGH TIDE TIMES: /

21 TEAM RECORDER: Tom Crowe

4 START TIME: 1224

16 HIGH TIDE HTS: /

22 OBSERVERS: NONE

5 STOP TIME: 1225

17 LOW TIDE TIMES: /

23 AGENCY: ADF&G

6 SEGMENT #: WH003

18 LOW TIDE HTS: /

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:

Start: End:

10 LAT:

11 LONG:

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran

13 LOCATION:

WHALE BAY

14 DESCRIPTION:

Oil

Sediment

Biological

Water

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	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
Gravel ✓ Sand Mud/silt

36 CATALOGED ANAD. FISH SREAM? Y N
226-20 ATW

37 CATALOG #: 16322

38 STREAM NAME:

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:

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION
Species Aerial Ground

COMMENTS:

No OIL

Oil present under snow at time of survey. - Addendum
written to work area ATW
9/22/90

ACE 6331952

Final Anadromous Stream Treatment Information

Segment ID - Stream ID	NTR	Bio	Bio Start	Bio End	Man	Man Start	Man End
K0911-CD020 262-10-10080					X	6/28/90	6/28/90
K0911-CD020 262-10-10092					X	6/28/90	6/28/90
K0917-CC100 262-15-10040	X						
K0919-HB001 262-20-10040					X	6/12/90	6/14/90
K0919-HB004 262-20-10030	X						
K1002-AB002 262-65-655					X	7/7/90	7/8/90
K1007-PB001 262-70-10025					X	6/23/90	6/24/90
K1007-PB016 262-70-10010					X	7/10/90	7/10/90
K1009-DB008 262-75-10020	X						
KN0103 226-10-16922		X	7/7/90	9/1/90	X	7/7/90	7/7/90
KN0106 226-10-16890					X	6/30/90	6/30/90
KN0110 226-10-16928	X						
KN0120 226-10-16940	X						
KN0129 226-10-16975					X	5/30/90	5/30/90
KN0129 KN0129-UNCAT		X	6/19/90	6/19/90	X	5/30/90	5/30/90
KN0132 226-10-16982		X	6/19/90	9/11/90	X	5/26/90	5/29/90
KN0134 226-30-16865		X	6/23/90	6/23/90	X	6/23/90	6/23/90
KN0201 226-30-16872					X	6/1/90	6/1/90
KN0205 226-30-16860					X	6/1/90	6/3/90
KN0211 226-10-16875		X	7/1/90	7/9/90	X	7/1/90	7/9/90
KN0211 226-10-16880					X	7/1/90	7/1/90
KN0213 226-30-16853		X	7/1/90	7/6/90	X	7/1/90	7/6/90
KN0401 226-30-16820					X	6/30/90	6/30/90
KN0500 226-10-16992		X	7/5/90	9/11/90	X	7/5/90	7/7/90
KN0500 226-10-16996		X	7/7/90	9/11/90	X	7/5/90	7/7/90
KN0601 226-40-16855	X						
KN0602 226-40-16851	X						
KN0602 226-40-16853	X						
KN0701 226-30-16840		X	6/30/90	9/13/90	X	6/30/90	7/27/90
KN0704 226-30-16844	X						
LA015 226-40-16782		X	7/3/90	7/8/90	X	7/3/90	7/8/90
LA018 226-40-16780		X	7/3/90	8/26/90	X	6/15/90	7/4/90
LA021 226-40-16774		X	6/17/90	6/17/90	X	6/13/90	6/14/90
LA021 226-40-16776	X						
LA023 226-40-16772	X						
LA029 226-40-16788	X						
LA031 226-40-16785	X						
MA009 226-20-15044	X						
MN001 227-20-17570	X						
NA026 226-40-12950	X						
NK001 232-21-10230		X	7/3/90	7/4/90	X	7/3/90	7/4/90
PD002 242-42-10450					X	6/21/90	6/23/90
PD003 242-42-10460					X	6/21/90	6/23/90
TB002 232-10-10340					X	7/1/90	7/1/90
TB003 232-10-10342					X	6/20/90	7/1/90
WB001 242-32-10155					X	6/19/90	6/19/90
WB003 242-32-10160					X	6/19/90	6/19/90
WH003 226-40-16322		X	7/8/90	7/8/90	X	7/8/90	7/8/90

SAP Retreatment

**ADEC DEMOBILIZATION REPORT
FOR INIPOL AND CUSTOMBLEN TREATMENT**

To: Alaska Department of Environmental Conservation
Oil Spill Response Center
Anchorage, Alaska

Attn: John Bauer
FAX 265-4666

From: Jay Vincent (please print)

RE: SEGMENT NUMBER WP 3 SUBSEGMENT NUMBER D

*Probably includes
subsegment B?
ANAD Stream
226-20
16322*

ADEC REP Jay Vincent USCG REP Chris Van Pelt

EXXON REP Chris Katsimpelis BOAT NAME/SQUAD NUMBER M/V Arctic Salvor

Site #	Length (along shore m)	Area m ²	Inipol (gallons)	Customblen (lbs.)
1	40m x 5m x 25%	50	< 30 days	10
2	30m x 2m x 90%	145	< 30 days	30
3	17m x 5m x 70%	60	< 30 days	12
4	52m x 3m x 20%	30	< 30 days	6
5	45m x 6.5m x 95%	275	< 30 days	55
6	55m x 8m x 85%	374	< 30 days	75
7	30m x 8m x 100%	240	< 30 days	50

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

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

Light OR and OF oiled sediments remaining from treatment activities at sites 1-7.

See attached maps

Additional Comments (keep objective)

Treatment conducted per work order specifications.

Inipol not reapplied because a 30 day interval has not yet elapsed since initial treatment occurred

signature

Date and time of demobilization from segment 8/22/90 @ 1600

Shoremon\Demob.bio 55/30/90

SEGMENT AS / WH-3 SUBDIVISION: B SITE: 1 DATE 8/5/90**USCG**NAME MSR Michael D. Brown SIGNATURE Michael D. Brown☐ YES ☒ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:**ADEC**NAME John Hayer SIGNATURE John Hayer☒ YES ☐ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:

SOR observed on this site should be assessed to evaluate effectiveness of custodian. Very scenic site with small waterfall and good skiff access in Whole Bay.

LAND MANAGERNAME DOUGLAS GIBSON SIGNATURE Douglas Gibson☒ YES ☐ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:

CONFIRM BREAKDOWN OF OIL THROUGH WINTER DUE TO EXISTENCE OF ANAD STREAM.

EXXONNAME Martinez N.D. SIGNATURE Martinez N.D.☐ YES ☒ NO PRIORITY SITE FOR REASSESSMENT IN 1991
REASON:

No recoverable oil, very little left on site will break down through winter.

WA 003-B, AS# 226-20-16322

SURFACE OIL

SITE 1

SITE 2

SITE 3

[illegible][illegible][illegible]

Roll No. AS1201-02

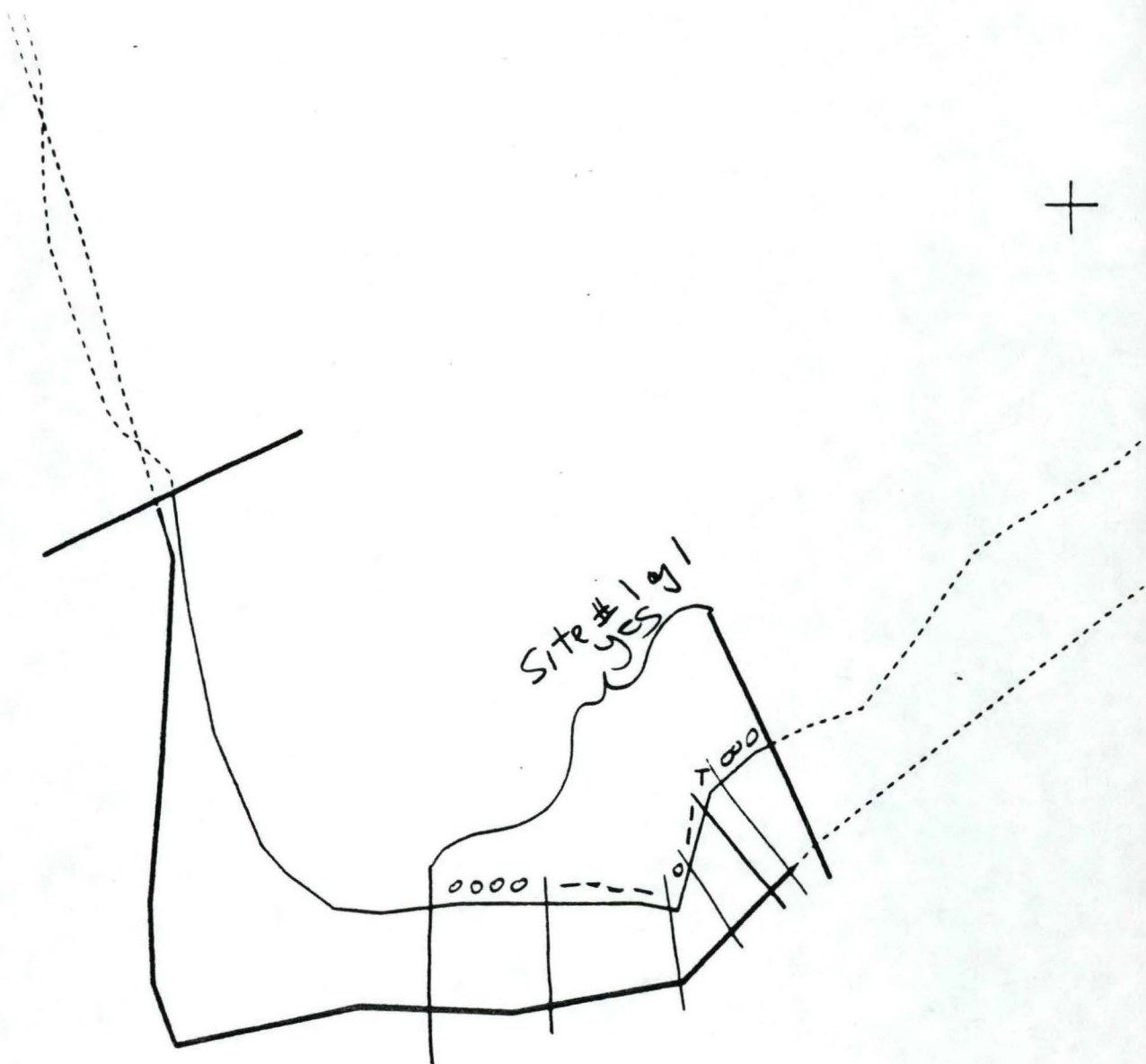
Frames 22

in trench where
Tarnaf was removed

REVIEWED
8/7/90 TUC

ACE 6331930

COMMENTS Small pocket beach with ANAD stream 226-20-16322.
a pebble/Cobble/Boulder beach with rocky headlands on either side. Drilling
consists of Coar on cobbles/boulders and rock with some Moderate
SOR where Jarmato were removed.



B

ACE 6331931

XXXX
////

TTTT
0000

Wide
Medium
Narrow
Very Light
No Oil

WH-3 B

ADEC Subsegment Length: 363m

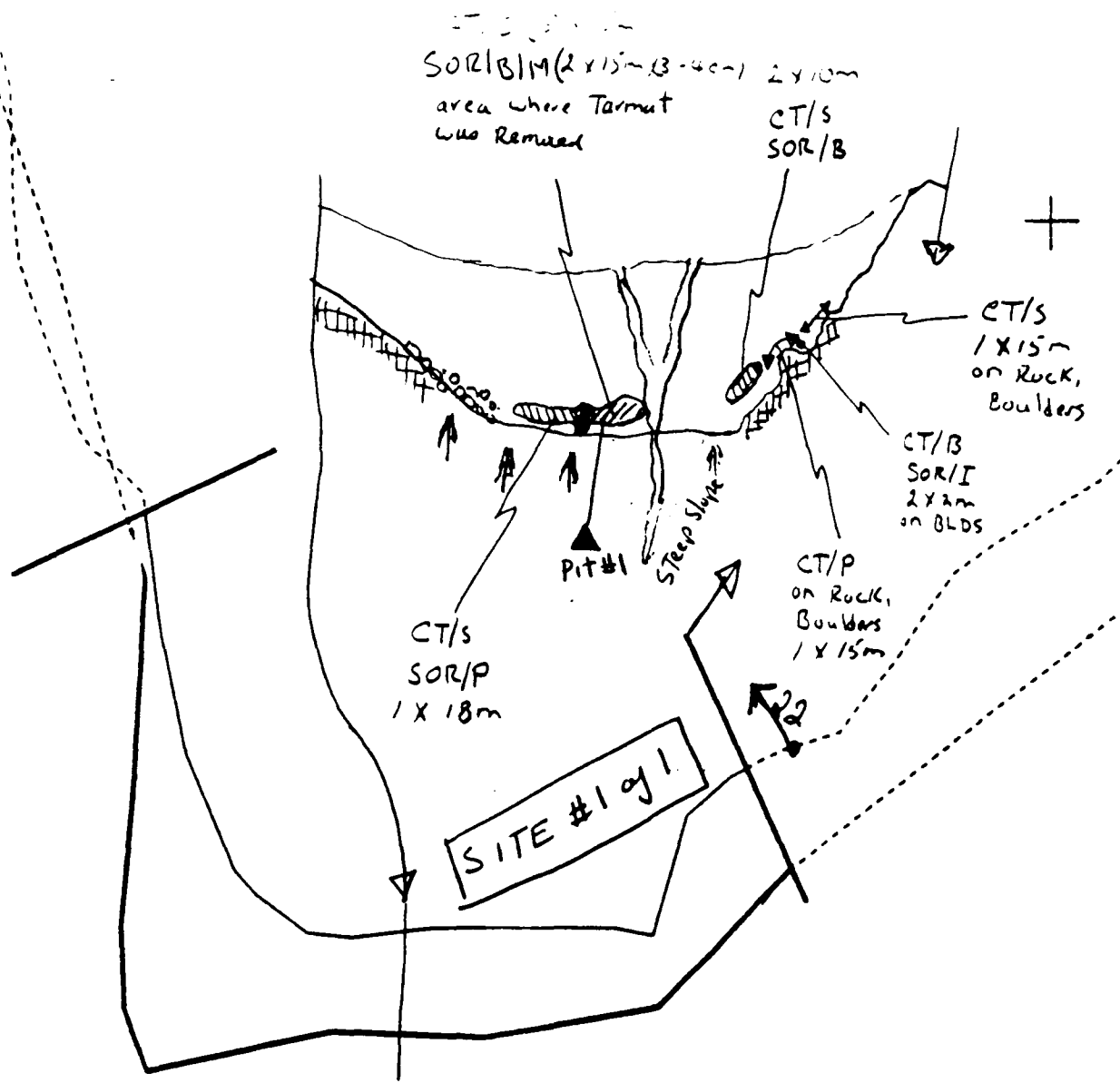
METERS

0 53 107

AK State Plane Zone 4 1:2104
pwh-3b



Subdivision Field Map
Map Key: PWSWH-3B
Name: Reimer
Date: 8/5/90
Date Entered:



Note: The Cont in areas on Beach, cover a wider area Then SOR, as Cobble and boulders were scattered during Treatment.

ACE 6331932 - 15

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

WH-3 B

ADEC Subsegment Length: 363m

METERS

0 53 107

AK State Plane Zone 4 1:2104
 pub-30



Subdivision Field Map

Map Key: PWSWH-3B

Name: Reimor

Date: 8/5/90

Date Entered:

AP Retreatment

ADEC DEMOBILIZATION REPORT
FOR PHYSICAL/MECHANICAL TREATMENT AND CUSTOMER

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

RE: SEGMENT NUMBER WB 3SUBSEGMENT NUMBER DDEC REP Jay VincentUSCG REP Chris Van PeltEXXON REP Chris KatsimpalisBOAT NAME/SQUAD NUMBER M/V Arctic Salvor

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.

No

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

Light OR and OF oiled sediments remaining from treatment activities at site 1-2.

see attached maps

Additional Comments (keep objective)

Work performed per work order specification.

signature

Jay VincentDate and time of demobilization from segment 8/22/90 @ 1600

Shoremon\55

5-12-90

ACE 6331912

ASAP survey - 90

SEGMENT AS / WJ-3 SUBDIVISION: B SITE: 1 DATE 8/5/90

USCG

NAME MSK Michael D. Brown SIGNATURE Michael D. Brown

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

ADEC

NAME John Hayer SIGNATURE John Hayer

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

SOR observed on this site should be assessed to evaluate effectiveness of cutbanks. Very scenic site with small waterfall and good skiff access in Whale Bay.

LAND MANAGER

NAME DOUGLAS GIBSON SIGNATURE Douglas Gibson

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

CONFIRM BREAKDOWN OF OIL THROUGH WINTER DUE TO EXISTENCE OF ANAD STREAM.

EXXON

NAME Marlene N.W. SIGNATURE Marlene N.W.

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

No recoverable oil, very little left on site will break down through winter.

ASAP SHORELINE OILING SUMMARY

PAGE 1

CG Reimer USGS BROWN SUBDIVISION B
 ADEC HAYES LAND REP GIBSON TOTAL NO. SITES 1
 DATE 8/5/90 TIME 7:00 to 7:30 TIDE LEVEL 0 to -1
 TOTAL EST LENGTH OF SHORELINE SURVEYED: 130 m
 SURVEYED FROM: ☒ Foot ☐ Boat ☐ Helo WEATHER: ☒ Sun ☒ Clouds ☐ Fog ☐ Rain ☐
 OIL CATEGORY LENGTH: W 0 m M 0 m N 60 m VL 0 m NO 60 m US 233 m

SURFACE OIL

SITE 1

SITE 2

SITE 3

CHARACTER	DISTRIBUTION				OILED ZONES			
	/C	/B	/P	/S	SU	UI	MI	LI
ASPHALT								
S.O.R.		M _y	X			M _x		
POOLED								
COVER								
COAT		X	X	X		X		
STAIN								
MOUSSE								
PATTIES/T.B.								
FILM								
NO OIL					X		X	Y
EST. SITE LENGTH								130

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

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

SUBSURFACE OIL

SITE NO.	PIT NO.	PIT DEPTH (cm)	SUBSURFACE OIL CHARACTER				OILED INTERVAL (CM-CH)	CLEAN BELOW (Y/N)	PIT ZONE				SURFACE-SUBSURFACE SEDIMENTS
			OP	OR	OF	NO			SU	UI	MI	LI	
1	1	11		A			5-10	Y		X			P-PG
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Photographs:

Roll No. ASAP-02

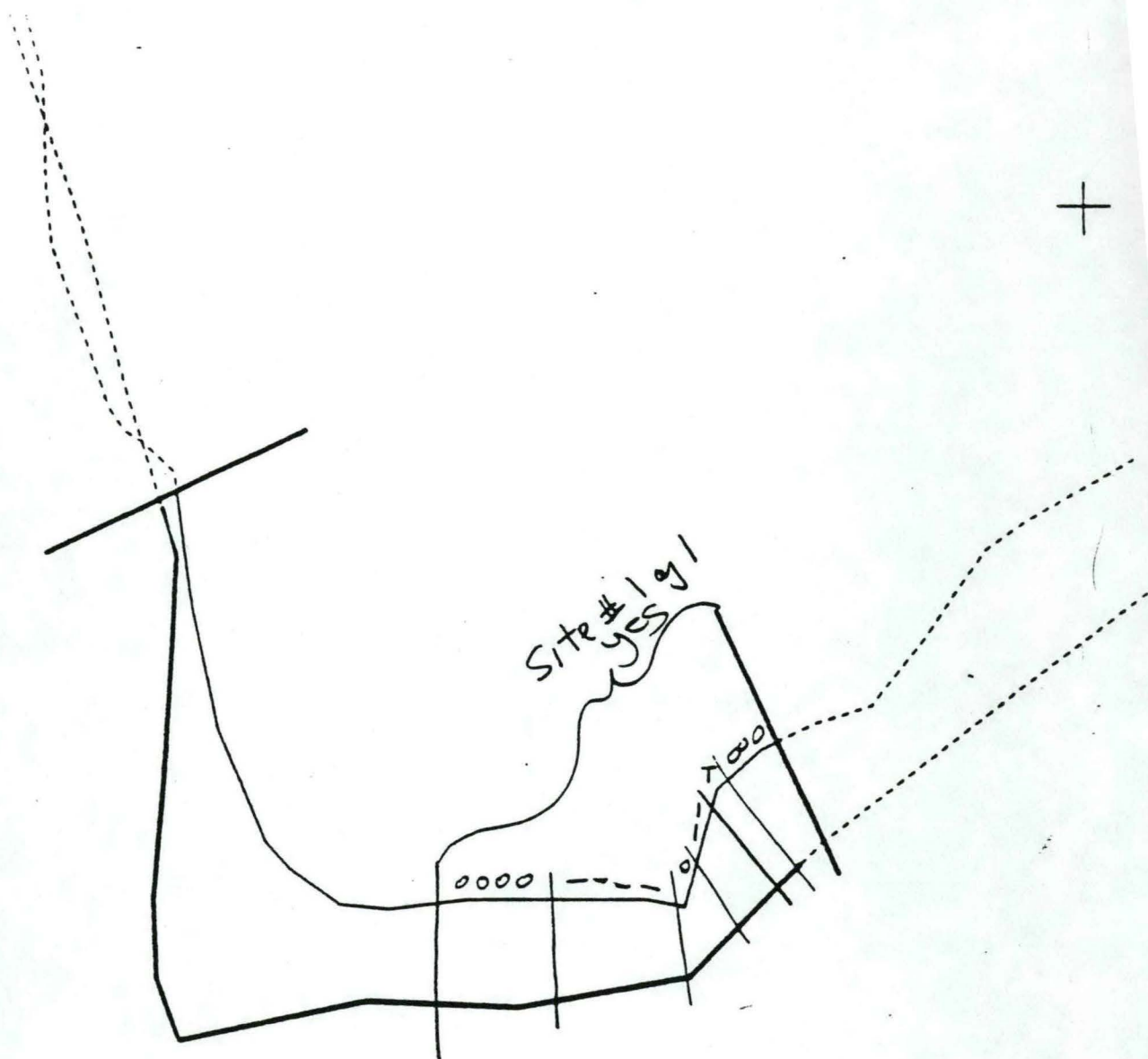
Frames 27

In trench where Tarmat was removed

REVIEWED
8/7/90 JCU

ACE 6331941

COMMENTS Small pocket beach with ANAD stream 126-20-16322.
 a pebble/cobble/Boulder beach with rocky headlands on either side. Oiling
 consists of Coat on cobbles/boulders and rock with some Meltains
 SOR where Tarmat was removed.



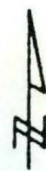
B

ACE 6331942

XXX Wide
 /// Medium
 --- Narrow
 TTT Very Light

WH-3 B
 ADEC Subsegment Length: 363m
 METERS

0 53 107



Subdivision Field Map
 Map Key: PWSWH-3B
 Name: Reimer

SOR/B/M (2 x 15m (3-4cm) 2 x 10m
 area where Tarmat
 was Removed

CT/S
 SOR/B

CT/S
 1 x 15m
 on Rock,
 Boulders

CT/B
 SOR/I
 2 x 2m
 on BLDs

CT/P
 on Rock,
 Boulders
 1 x 15m

CT/S
 SOR/P
 1 x 18m

Pit #1

Steep Slope

SITE #1 of 1

Note: The Coat in areas on
 Beach, cover a wider area
 Then SOR, as Cbbles and
 boulders were scattered
 during Treatment.

ACE 6331943 -15

XXXX Wide
 /// Medium
 --- Narrow
 TTT Very Light
 000 No Oil

WH-3 B
 ADEC Subsegment Length: 363m
 METERS

0 53 107

AK State Plane Zone 4



Subdivision Field Map
 Map Key: PWSWH-3B
 Name: Reimor
 Date: 8/5/00

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: WH003
LOCATION: WHALE BAY

DATE: 10/12/89
TIME: 8:45

Survey Type: Boat, Ground
Team: D. Zobrist, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 6:02	Feet: 0.63	High Tide: 12:17	Feet: 12.3
Low Tide: 18:27	Feet: 0.82	High Tide: -0-	Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C,L
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)

Wave Exposure: H,M,L (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C,G
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,L
(N=none, VL=very light, L=light, M=moderate, H=heavy)
Area of Impact: H,M
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 1%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: WH003-1 / WH003-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, cleanup debris, signs, paint marks
Bags Collected: 0

Draft

Printed: 12/12/89 11:55

ACE 6331935

WALK-A-THOR

TO: Frank Box
M\V Don Bollanger

FROM: Tom Crowe
ADF&G
CORINTHIAN

DATE: August 14, 1990

Regarding our telephone conversation concerning anad stream segment WH003 and ASAP work order; my recommendation is as follows:

(YES) I recommend this as a priority site for reassessment in 1991. However, due to the small amount of S.O.R. and O.R. oiling that remains I feel that it is unnecessary to relocate the DON BOLLANGER's bioremediation squad to retreat this site. Also the presence of pink salmon observed there will make it not appropriate for application of fertilizer for bioremediation.

The reason that this site did not make it as an ANADSCAT segment work order was that this particular site was covered by snow during the spring anad stream assessment. It was necessary to power a work modification recommendation through TAG in order to complete the manual work before the July 10th deadline.



ACE 6331936

+15



FIELD SHORELINE CONT. INT SHEET

15/90

SEGMENT AS/ WJ-3 SUBDIVISION: B SITE: 1 DATE 8/5/90

USCG

NAME MR. Michael D. Brown SIGNATURE Michael D. Brown

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

(Fish & Game) (Tom Clau)
- says - no time to work -
(MJA/jetty) oil removed.
- DEVOB - - fort to -

ADEC

NAME John Hayer SIGNATURE John Hayer

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

SOR observed on this site should be
assessed to evaluate effectiveness of containment. Very
scenic site with small waterfall and good skiff access
in Whale Bay.

LAND MANAGER

NAME DOUGLAS GIBSON SIGNATURE Douglas Gibson

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

CONFIRM BREAKDOWN OF OIL THROUGH WINTER
DUE TO EXISTENCE OF ANAD STREAM.

EXXON

NAME Martinez N.W. SIGNATURE Martinez N.W.

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

No recoverable oil, very little left on
site will break down through winter.

FAX COVER SHEET

SEND: Tom CrowlFAX NO: 011-812-150-1526FRC: Frank BoxDATE: 8/14/90FAX NO: 011-812-150-1526FAX NO: 011-812-150-1526AL NO. OF PAGES BEING FAXED:
(INCLUDING COVER SHEET)2

COMMENTS:

Tom, as I stated the comments under
USCIs were my notes of ^{our} conversation.
Go ahead and write it out and add your
addendum.

— C. Hardy

— Frank A. Box

P.S. Tom is all the work on WH-3B inside
the 100 meter margins and if so I wondered
why it wasn't an arc segment instead of
a regular work seg.

M/V DON BOLLINGER
SQUAD THREE
EXXON ALASKA OPERATIONS

***** UF-250 ***** -JOURNAL- ***** DATE AUG-14-1990 ***** TIME 23:43 *****

NO.	COM	DOC	DURATION	X/R	IDENTIFICATION	DATE	TIME	DIAGNOSTIC
32	OK	01	00:00'44	XMT	T35701#000721502152#	AUG-14	23:43	842490A47820

-1501526 CORINTHIAN -

***** -PANASONIC- ***** -

1501526- *****

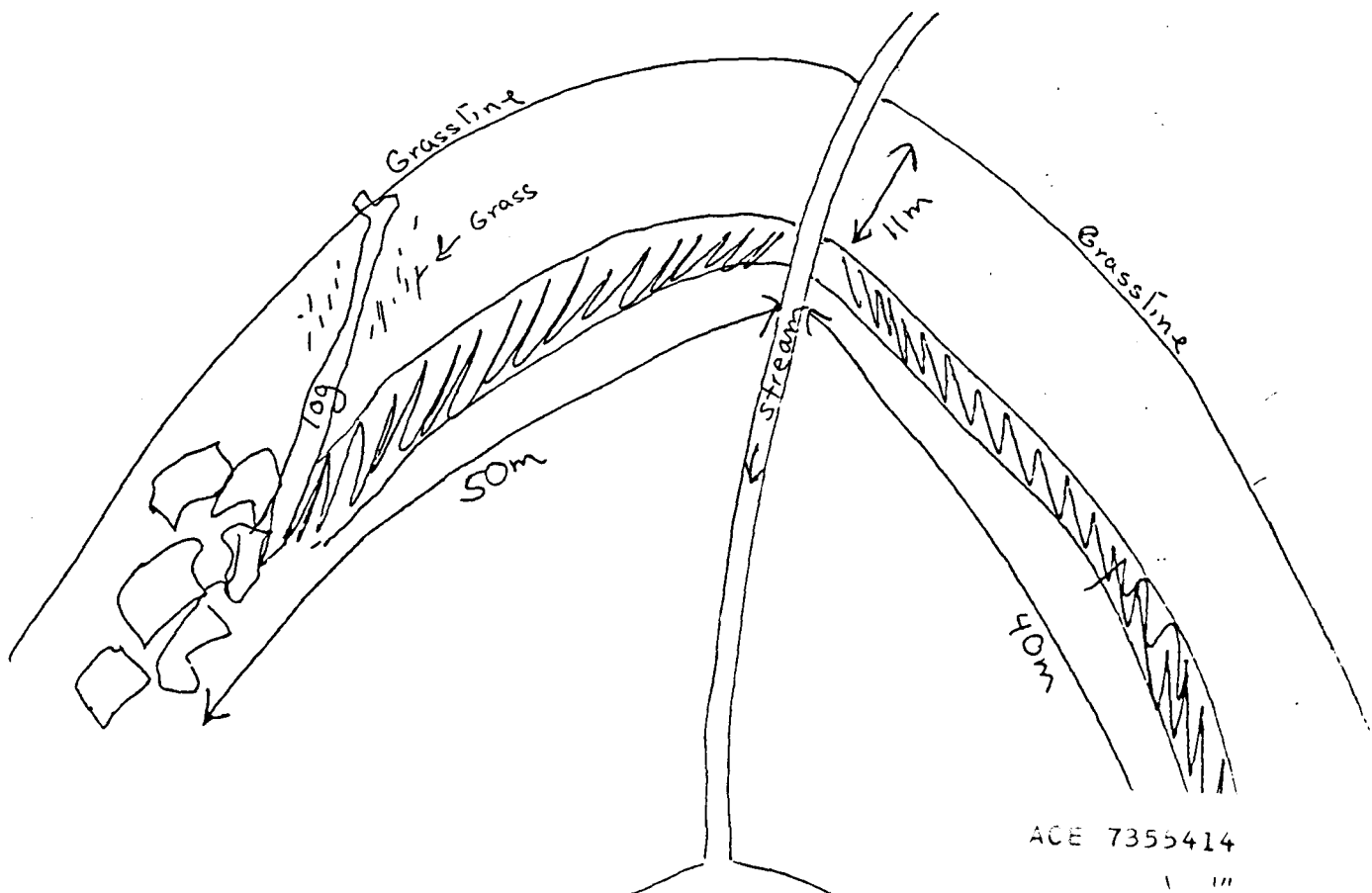
ACE 6331939

ANADROMOUS FISH STREAMS/OILING CONDITION
PWS

Segment # WH003 ASC# 226-20-16322 Location Whale Bay
Date 8/8/90 Recorder/Observer Tom Crowe, Aimee Weseman, Ken Middleton
Oil in streambed yes Oil on streambanks yes
Oil within 50m of mouth yes Anadromous Fish present yes -
At mouth of stream

Description of oil and comments Oil band of gravel in
UITZ Oil soaked walnut sized gravel JOP/OK and
farmat. More manual work could be accomplished with
removal of contaminated substrate 1/2 day of work
maximum

Oil Distribution Diagram



WORK PLAN ADDENDUM

Segment WH003 Subdivision B Date: June 6, 1990

MODIFICATION

1. REASON FOR MODIFICATION

This subsegment includes anadromous stream ASC 226-40-16322 was covered by avalanche debris and snow during the time of the ANADSCAT. Reevaluation of this segment revealed substantial amounts of oiling in and adjacent to the anadromous stream.

2. ADJUSTMENT TO WORK PLAN

Work plan should be changed to include the manual removal of tar and asphalt from the ANADSCAT stream area.

SHPO APPROVAL NEEDED YES _____ SHPO SIGNATURE _____
NO _____

TAG APPROVAL DATE _____

ADEC _____

EXXON _____

FOSC _____ DATE _____

NOAA _____

signed original went to TAG AJW

ACE 6331944

SEGMENT NUMBER: WH-003

STREAM NUMBER: 226-20-16322

This stream was surveyed during the Pre-ANAD survey by a cooperative effort of ADF&G and Exxon on April 12, 1990. As a result of this pre-survey, the ANAD Fish Stream Team decided NOT to survey the stream, but simply to review the results of the pre-survey. The FIELD SHORELINE COMMENT SHEET was prepared from the review of the pre-survey. Also attached is a copy of the pre-survey for your consideration.

The ANAD Fish Stream Team recommends: NO TREATMENT

TAG Concurrence Date:

ADEC ART WEINER Dut Y Green
EXXON ANDY TEAR [Signature]
NOAA Burt Wescott Burt Wescott
USCG M. J. HALL [Signature]

FOSC: [Signature]

Date: 5-24-90

Oil discovered later in spring - was under snow at time of
Pre-ANADSCAT AJW.

ACE 6331945

WH003

500.0

UNCATALOGED

ASC 16321

ASC 16322

OILING

H = Heavy
M = Moderate
L = Light
VL = Very Light
N = None
NS = Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

ACE 6331953

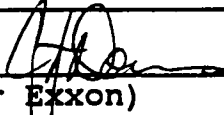
rev'd ISCC
8/7/89
Approved ISCC
8/9/89

(version 5/04/89)

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Location (see enclosed map): WHALE BAY BLOCK

Includes Shoreline Segments: WH-01, WH-02, WH-03

Submitted :  Date: 8/5/89
(for Exxon)

ISCC Recommendation: _____ Date: _____

FOSC Approval: _____ Date: _____

The cleanup procedures identified in the Shoreline Cleanup Program are recommended. Modifications to these systems can be made in the field. Exxon and other field personnel are encouraged to suggest innovations and productivity enhancements to the OSC's on-scene representative. The OSC's representative has the authority to approve on-site modifications. The Field Resource Team should be consulted if these actions do not fit within the Ecological Constraints of the Shoreline Cleanup Program. Requirements for safety and the protection of cultural material must be observed.

Distribution:

Exxon Shoreline Coordinator
Exxon Shoreline Supervisor
Exxon SCAT file

SHPO
FOSC
CDFU
NOAA
EPA
USDA (FS)
USFW
A.DEC
A.FG
A.DNR
CAC
PWSCA
USFS

ACE 6331954 +/S

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 8/03/89 SHORELINE SEGMENT WH-03
LOCATION: (see enclosed map) WHALE BAY
(Whale Bay Block)
ADEC NO. _____ SHORELINE ASSESSMENT DATE: 8/01/89

Recommended Cleanup Activity(ies):

No cleanup recommended at this time (subject to FOSC reassessment at a later date), due to no oil.

Priorities Considerations:

No oil.

Ecological Constraints (from site survey):

A cataloged anadromous stream is located in this segment.
If cleanup is conducted, contact ADF&G and RAT 48 hours prior to beginning activities.

Archeological 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.

State Historic Preservation Officer *

Date: _____

ISCC: _____

Date: _____

EXXON: _____

Date: _____

FOSC: _____

Date: _____

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

SHORELINE OIL EVALUATION

Date: 8/1/89 / Time: 7:45

Observer: Mike Foget

Surveyed From: Foot/Boat/Helio/Plane

Weather: Sun/Cloud/Rain/Snow/F

LOCATION

LOCATION Whale Bay

SEGMENT NUMBER WH-03

LENGTH OF SHORELINE SEGMENT: 6700 m

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

SHORELINE:

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

Slope: LANG/HANG/VER

Wave Exposure: High/Med/Low

Sediment: B20 / C30 / P10 / G15 / S- / M- / R25

Drift Debris on Beach: Yes/No

Supra/Upper/Mid/Lower Type Driftwood
Drift Fucus

OIL

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

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

Continuous: Y/N % of Segment - Width of Band: - m

Sporadic: Y/N % of Segment -

Est. Oil Thickness where > 1cm: - cm Est. Oil Penetration: - cm

Pooled Oil: - % "Free" Oil: - % Coated: H - % / M - % / L - %

Fresh - % Mousse - % Tar Formation: - %

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

Comments:

The segment is located in Whale Bay and consists mostly
of small beaches with some rocky headlands. The segment
has a high wave exposure except for the protected bays and those
beaches protected by rocky islands close to shore, one of the bays
is boomed off (see map). No apparent oil was observed therefore
no cleanup activities are warranted.

ECOLOGICAL EVALUATION

LOCATION: Whale Bay SITE: _____ OBSERVER: J. Kirk

LOCATION PREFIX: WH SEG. NO.: 2 LENGTH: 6700 (M)

DATE: 7/21/79 TIME (HHMM): 0745 TIDE HT.: +3' ~~CH~~

OILED ZONE: Splash High Medium Low 700

SUBSTRATUM: Rocks Boulder Cobble Gravel Sand Mud

LIVE BIOTA

Fucus (algae): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

Dense and continuous on headlands, Patchy on beach.

Mytilus (Mussels): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/

Dense, extensive beds near both streams on beach 1, sparse between streams

Balanus (Barnacles): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/

Littorina

Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

Limpets: Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

OTHER OBSERVATIONS: Thick large eelgrass beds and stream
Octopus delphini on beach 1

CLEANUP PRECAUTIONS: Clean up not recommended because
oil was not found at this time

MAMMALS: Otters 2 Harbor Seals 2 Sea Lions _____ Whales _____
Other _____

BIRDS: Belted Gull, American Ducks

GENERAL OBSERVATIONS: This segment has several probable seals

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 8/1/88 Location Whale Bay Site _____

Location Prefix WH Segment # WH-3 Length 6.7 Km.

Survey Method:

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

Ground (G - indicate on map)

Known cultural resources (AHRS #) None Data Source None

Oil conditions/beach visibility no oil

Width of beach zone surveyed 30 m Tree fringe surveyed 10

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 The beach is moderately sloped and gravelly
cobble - covered.

Fresh Water Sources Two streams

Sea Exposure Protected to the north

Access/Safety good on the beach I walked

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

Monitoring during cleanup needed yes (no) Collection yes (no)

Photos: Color Roll # _____ Frames _____

B/W Roll # _____ Frames _____

Observer(s) C. J. [redacted]

Time survey started 0745 Time survey ended 0930

Cultural resource considerations/restraints:

Standard.



ACE 6331959

WHALE BAY BLOCK

WH-01, WH-02, WH-03

64

