

ADF&G MULTI-ASSESSMENT FORM  
1991 GENERAL ENTRY CHECKLIST

OK  
★

2024  
10/4/91

STREAM#: 2322210160  
SEGMENT: BB901

DATE PRINTED: 08/14/91

PAGE 22

LOCATION: NUKA BAY, BEAUTY BAY, SHELTER COVE

SURVEY TYPE: 89 AFHS - BS/SS

METHOD: GROUND FOOT

DATE: 08/04/89

TEAM RECORDER: HILL

START TIME: 0955  
END TIME: 1110

OBSERVERS: RANDALL

TIDES: Slack, Flood  
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2322210160

ROLL#: SEE  
FRAME: Comments

VIDEO TAKEN: N      TAPE#:   
START:                      END:

SAMPLES TAKEN: N

SAMPLE NUMBERS:

OIL IN STREAM BED: N

OVERALL OIL IMPACT: N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: LOW

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK      BOULDER      COBBLE      VEGETAT

GRAVEL 60      SAND      MUD/SILT      GRANULE 40

ANADROMOUS FISH PRESENT: Y

SPECIES: pinks  
Chum

COUNT: 15  
5

ACE 9962118-1/F/SP

ADF&G MULTI-ASSESSMENT FORM  
1991 OILING ENTRY CHECKLIST

OK

PAGE 25

DATE PRINTED: 08/14/91

STREAM# : 2322210160  
SEGMENT#: BB901

SURVEY TYPE : 89 AFHS - BS/SS  
DATE: 08/04/89  
TIMES: 0955 - 1110

LOCATION: NUKA BAY, BEAUTY BAY,  
SHELTER COVE  
TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									NONE

COMMENTS:

SITE 6-1. NO OIL OBSERVED. SURVEY ENTIRE BEACH AT STREAM MOUTH. FISH OBSERVED ~50 YARDS ABOVE CREEK MOUTH. OIL AT HEAD OF BEAUTY BAY (FROM FHA FORM). ROLL OF FILM SHREDDED BY PHOTO PROCESSOR. AFHS

AGE 9962120/BS

1989-AFHS



Site 6-1

Beauty Bay - South shore OK

ASC NUMBER: 232-22-10160      SEGMENT NUMBER:      YR CATALOGED:

LOCATION: Nuka Bay, West Arm, Beauty Bay, South shore, Shelter Cove

STREAM NAME:      LATITUDE: 59 31 12

IAK K-UNIT:      LOCAL STREAM #:      LONGITUDE: 150 38 21

US QUADRANGLE: Seldovia C-2      LEGAL: S 8S 8W 4

SHORELINE TYPE: Beach      ALL SEGMENTS:

WAVE EXPOSURE: low

ASC NUMBER:

SURVEY TYPE: BS

METHOD: Ground

DATE: 8/4/89

START TIME: 0955

STOP TIME: 1110

TEAM RECORDER: Doug Hill

OBSERVERS: Rick Randall

AGENCY(IES): ADF+G comment OK

PHOTOS TAKEN? Photo Processor sheeted film

Roll #:      Frames:      comment OK

VIDEO TAKEN? NO Tape Number:      Counter Start:

SAMPLES TAKEN? NO

SAMPLE I.D. NUMBERS: 1.      2.      3.

   4.      5.      6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							None
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: no oil observed

OIL IN STREAM CHANNEL? None observed      OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Not observed

SUBSTRATE

Bedrock	Granule <u>40</u>
Boulder	Sand
Cobble	Silt
Pebble <u>60</u>	Veget.

SPECIES	Peak	Chrom			
COUNT	15	5			

No oil observed.

COMMENTS: Survey entire beach at stream mouth

Fish observed  $\approx$  50 yds above creek mouth.

oil at head of Beauty Bay (from FHA form) OK

ACE 9962121 H/S



Seldivia  
C-2



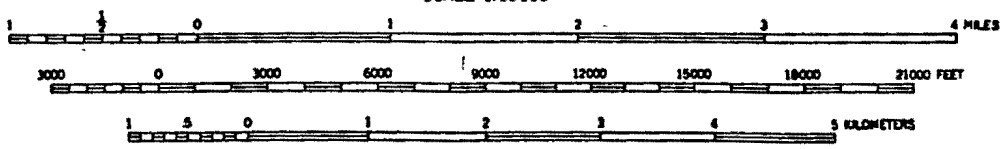
ADP-8/4/81-1020

Aerial

Oil observed  
Fish observed

Site  
6-1  
Shelter  
Cove

(SELDOVIA B-2)  
SCALE 1:63350



CONTOUR INTERVAL 100 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 9 FEET

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QUADRANGLE LOC

ACE 9962122

ACE 7380281

This r

FISH HABITAT ASSESSMENT FORM

Nuka Bay - West Arm - BEAUTY BAY (South Shore)

1 REGION: 2 PWS (KP, CI) 4 K, AP 6 OBSERVER(S) Don Hilly, Rick Randall

8 SITE NO. 6-1 7 AERIAL PHOTO NO. 7, 8 9 CAT NO. 232-22-10160

10 STREAM NAME Shelter Cove 10 LAT \_\_\_\_\_ 11 LONG \_\_\_\_\_

12 DATE 8/4/89 13 TIME 0955 14 TIDE: Low slack Flood High slack Ebb  
8/22/89 => 1600

15 CATALOGED ANADROMOUS STREAM?  N 16 ANAD. FISH FOUND?  N

17 OIL FOUND IN STREAM? Y  18 OIL FOUND NEAR STREAM (1 MI.)? Y   
Oil at head of Beauty Bay

19 OIL SAMPLES TAKEN? Y  20 ID NOS. ~~XXXXXXXXXX~~

21 35 mm PICTURES TAKEN?  N 22 ROLL NO(S) ~~XXXXXXXXXX~~

23 EXPOSURE NO.	24 DESCRIPTION
<u>7, 8</u>	<del>XXXXXXXXXX</del> <u>mouth of stream (right in channel)</u>
_____	<u>on right in photo</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

25 VIDEO FOOTAGE TAKEN? Y  26 CASSETTE NO(S) \_\_\_\_\_

27 DESCRIPTION: \_\_\_\_\_  
ACE 9962123

\_\_\_\_\_ ACE 7380279

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28	15*	5*	⇒ very little stream			flowage on this survey		
	500*							
29	∅	∅						
	Ground							

30 COMMENTS: \* 15 pinks, 5 chum\* observed on 8/4/89 survey; \* 500 pinks observed on Aerial survey of 8/22/89

No Carcasses observed on 8/4/89 survey - Fish observed in pools approx. 50 yds above saltwater. What appears to be main valley channel is now of subsurface flow for approx 200 yds to saltwater

OIL OBSERVATIONS

Site 6/11

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	X	X
32 SURFACE THICKNESS		
33 PENETRATION		

OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

PREDOMINANT SUBSTRATE TYPE:

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

Foot Surveyed beach  
No Oil Observed

COMMENTS:

ACE 9962124 -15

ACE 7380280



1989-AFHIS Site 6-1 Beauty Bay - South shore

ASC NUMBER: 232-22-10160 SEGMENT NUMBER: YR CATALOGED:  
 LOCATION: Nuka Bay, West Arm, Beauty Bay, South shore, Shelter Cove  
 TEAM NAME: IAK K-UNIT: LOCAL STREAM #: LATITUDE: 59 31 12  
 USGS QUADRANGLE: Seldovia C-2 LONGITUDE: 150 38 21  
 SHORELINE TYPE: Beach ALL SEGMENTS: LEGAL: S 8S 8W 4  
 WAVE EXPOSURE: low

ASC NUMBER: TEAM RECORDER: Doug Hill  
 SURVEY TYPE: BS/59 OBSERVERS: Rick Randall  
 METHOD: Ground Foot AGENCY (IES): ADF46  
 DATE: 8/4/89 PHOTOS TAKEN? Photo Processor shredded film  
 START TIME: 0955 Roll #: Frames:  
 STOP TIME: 1110 VIDEO TAKEN? NO Tape Number:  
 Counter Start:

*Handwritten note:* 2/20/91

SAMPLES TAKEN? No  
 SAMPLE I.D. NUMBERS: 1. 2. 3.  
 4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: No oil observed

OIL IN STREAM CHANNEL? None observed OIL ON BEACH WITHIN 50M OF STREAM MOUTH? No observed

SUBSTRATE		SPECIES	Pink	Chem			
Bedrock	Granule x						
Boulder	Sand						
Cobble	Silt						
Pebble x	Veget.						
		COUNT	15	5			

COMMENTS: No oil observed.  
 Survey entire beach at stream mouth  
 Fish observed ≈ 50 yds above creek mouth.

FISH HABITAT ASSESSMENT FORM

Nuka Bay - West Arm - BEAUTY BAY (South shore)

<sup>1</sup>REGION: <sup>2</sup>PWS KP, CI <sup>4</sup>K, AP <sup>3</sup>OBSERVER(S) Doug Hilly, Rick Randall

<sup>6</sup>SITE NO. 6-1 <sup>7</sup>AERIAL PHOTO NO. 7, 8 <sup>8</sup>CAT NO. 232-22-10160

<sup>9</sup>STREAM NAME Shelter Cove <sup>10</sup>LAT \_\_\_\_\_ <sup>11</sup>LONG \_\_\_\_\_

<sup>12</sup>DATE 8/4/89 <sup>13</sup>TIME 0955 <sup>14</sup>TIDE: Low slack Flood High slack Ebb  
8/22/89  $\Rightarrow$  1600

<sup>15</sup>CATALOGED ANADROMOUS STREAM?  N <sup>16</sup>ANAD. FISH FOUND?  N

<sup>17</sup>OIL FOUND IN STREAM? Y  <sup>18</sup>OIL FOUND NEAR STREAM (1 MI.)? Y   
OIL AT HEAD OF BEAUTY BAY

<sup>19</sup>OIL SAMPLES TAKEN? Y  <sup>20</sup>ID NOS. ~~XXXXXXXXXX~~

<sup>21</sup>35 MM PICTURES TAKEN?  N <sup>22</sup>ROLL NO(S). 89DDH28H

<sup>23</sup> EXPOSURE NO.	<sup>24</sup> DESCRIPTION
<u>7, 8</u>	<u>Aerial of Mouth of stream (Pink's in channel on right in photo)</u>

<sup>25</sup>VIDEO FOOTAGE TAKEN? Y  <sup>26</sup>CASSETTE NO(S). \_\_\_\_\_

<sup>27</sup>DESCRIPTION: \_\_\_\_\_  
ACE 9962126-145/111F  
ACE 7380279



**ANADROMOUS FISH OBSERVATIONS**

	PINK	CHUM	RED	KING	COHO	DOLLY		
28	15*	5*	⇒ very little stream flowage				on this survey	
	500*							
29	∅	∅						
	Ground							

30 COMMENTS: \* 15 pinks, 5 chum\* observed on 8/4/89 survey; \* 500 pinks observed on Aerial survey of 8/22/89

No Carcasses observed on 8/4/89 survey - Fish observed in pools approx. 50 yds above saltwater. What appears to be main valley channel is now of subsurface flow for approx 200 yds to saltwater

**OIL OBSERVATIONS**

Site 6-1

**EXTENT OF OIL:**

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	X	X
32 SURFACE THICKNESS		
33 PENETRATION		

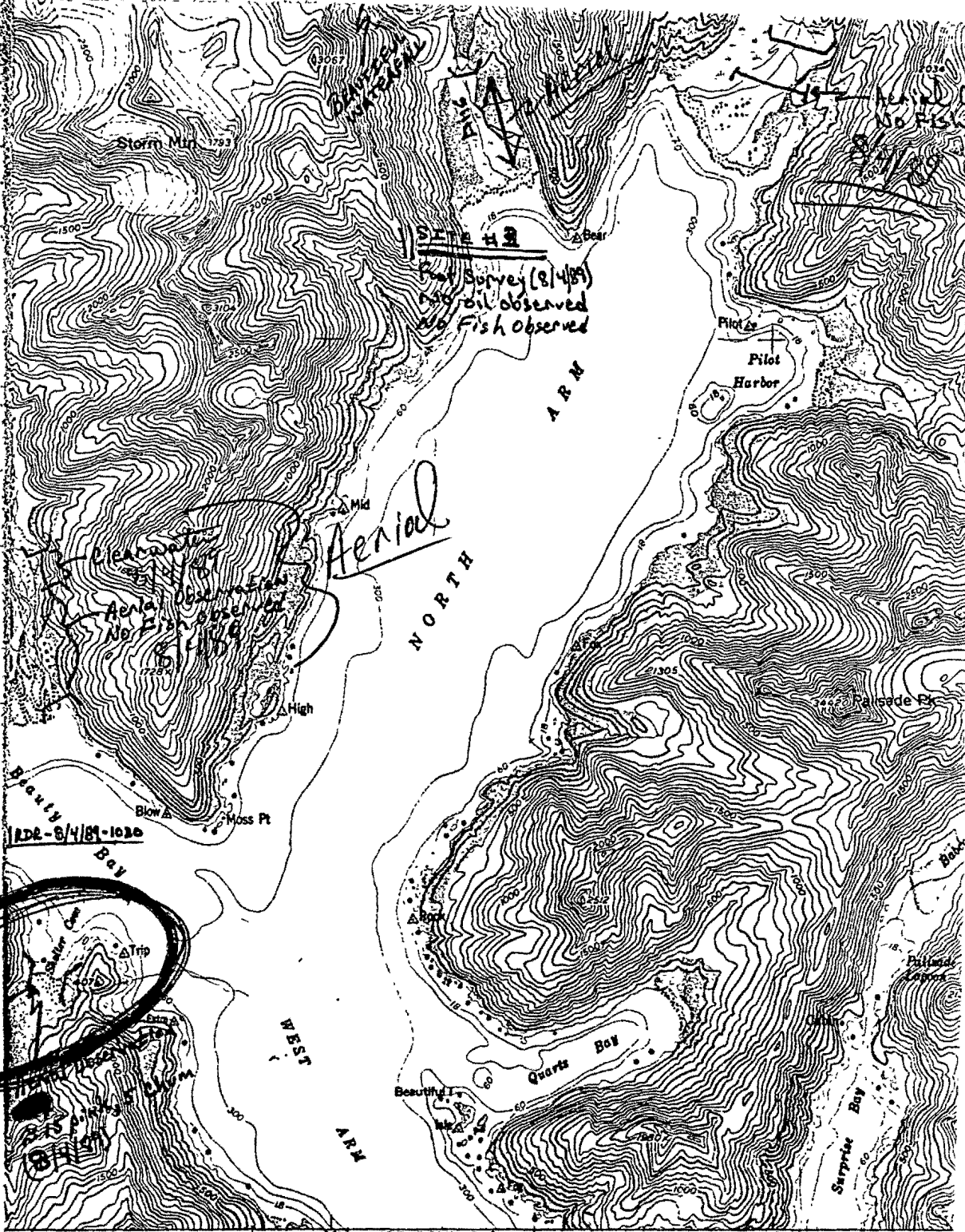
**OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)**

- 34 PREDOMINANT SUBSTRATE TYPE:
1. Bedrock
  2. Boulder
  3. Cobble
  4. Gravel
  5. Sand
  6. Mud
  7. Other \_\_\_\_\_

Foot Surveyed beach  
No Oil Observed

35 COMMENTS: \_\_\_\_\_

Seldovia  
C-2

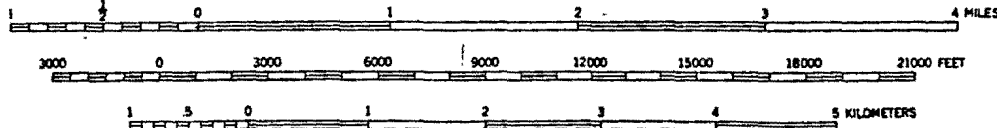


RDR-8/4/89-1020



Site  
6-2  
Shelter  
Cove

(SELDOVIA B-2)  
SCALE 1:63360



CONTOUR INTERVAL 100 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 9 FEET

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QUADRANGLE LO

This

ACE 7380281