



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 9-14-04 24 hrs.

TEAM LETTER 4

Time 13:15Z  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Kikaha State Boat Harbor - Laxumasa River ACCESS: Boat  Jeep  Helicopter

GPS Boundaries 21°57'35.5"N x 159°41'36.4"W - 21°57'35.5"N X

Type of Oil  No Oil  Stain  Buried  Tarballs 159°40'00.5"W

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 3 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other

Meteorologic Data Air Temp: 93 (F) Wind Speed 10-15 knots  
Visibility 10 miles Precipitation: Y  N  Wind Direction: SE  
Average Surf Height 1-3 ft. Swell Height 2-4 ft.

**WILDLIFE:**  
Seaturtles  Whales  Dolphins  Seals   
Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds   
Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N Comments: 15 people on beach  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 2-19-95 24 hrs.

TEAM LETTER  H

Time 09:30  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Back Bay Sand Bar Area ACCESS: Boat  Jeep  Helicopter

GPS Boundaries 22°54'24" N - 159°45'03" W - 22°54'34" N

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 10 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

Meteorologic Data Air Temp: 52 (F) Wind Speed 20-30

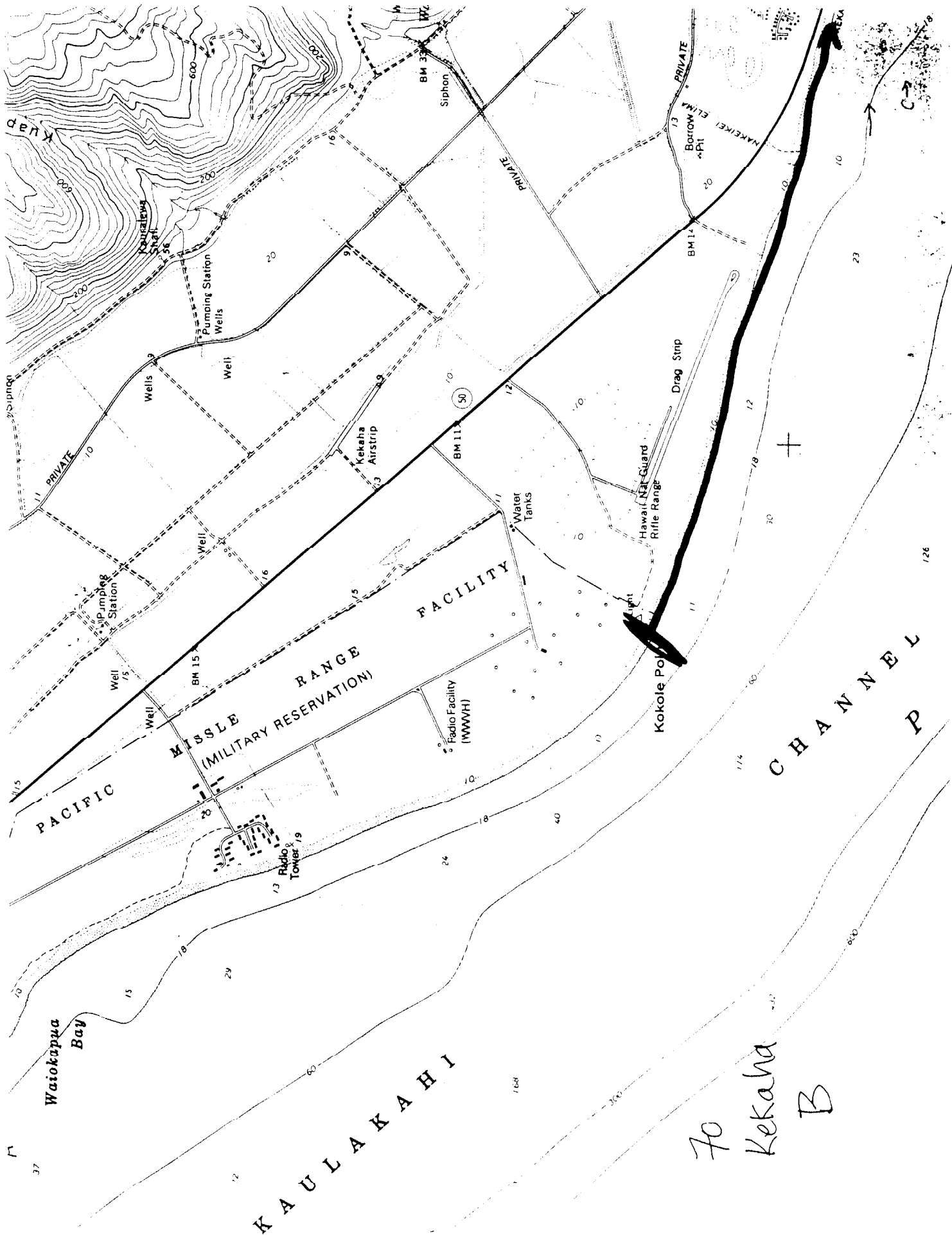
Visibility 3-5 Precipitation: Y  N  Wind Direction: N

Average Surf Height 2 ft. Swell Height 2 ft.

**WILDLIFE:**  
Seaturtles  Whales  Dolphins  Seals   
Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds   
Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Waikapua Bay

KAULAKAHI

PACIFIC CHANNEL

MISSILE RANGE (MILITARY RESERVATION)

FACILITY

Kokole Point

70 Kekaha B

Kahe

37

12

164

340

800

126

Siphon

115

Well 15

Well 16

Well 17

Well 18

Well 19

Well 20

Well 21

Well 22

Well 23

Well 24

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Well 26

Well 27

Well 28

Well 29

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Well 43

Siphon

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Siphon

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Well 36

Well 37

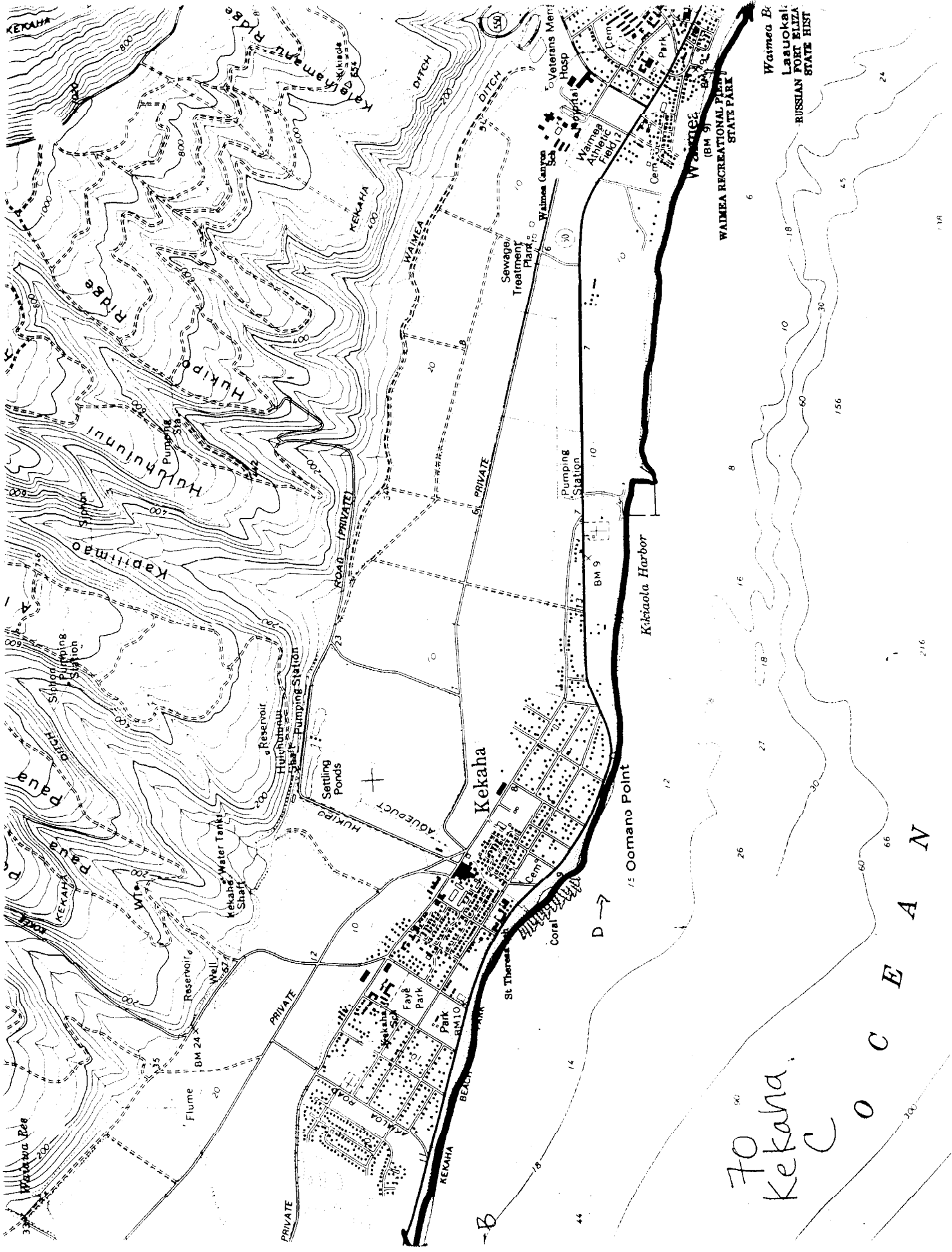
Well 38

Well 39

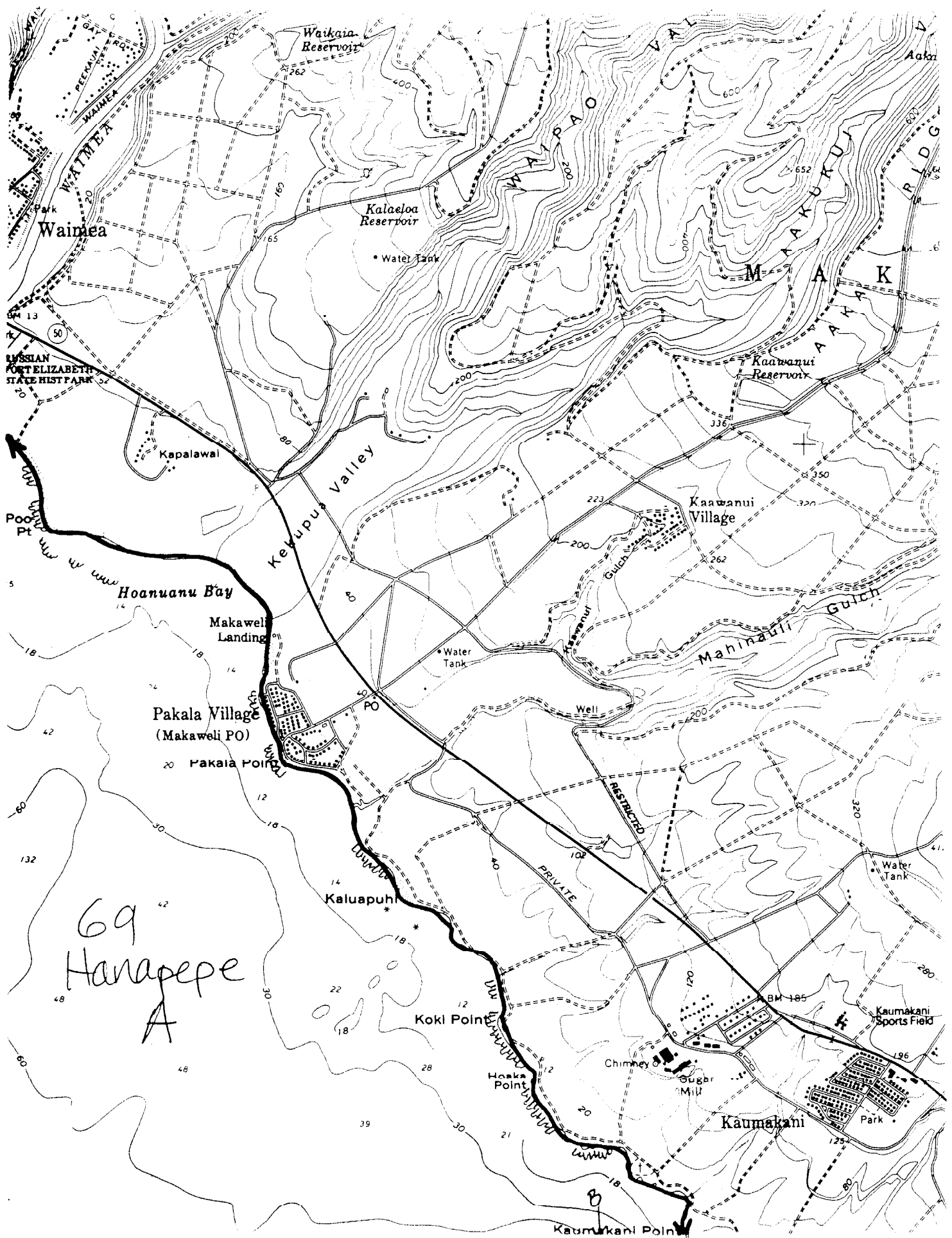
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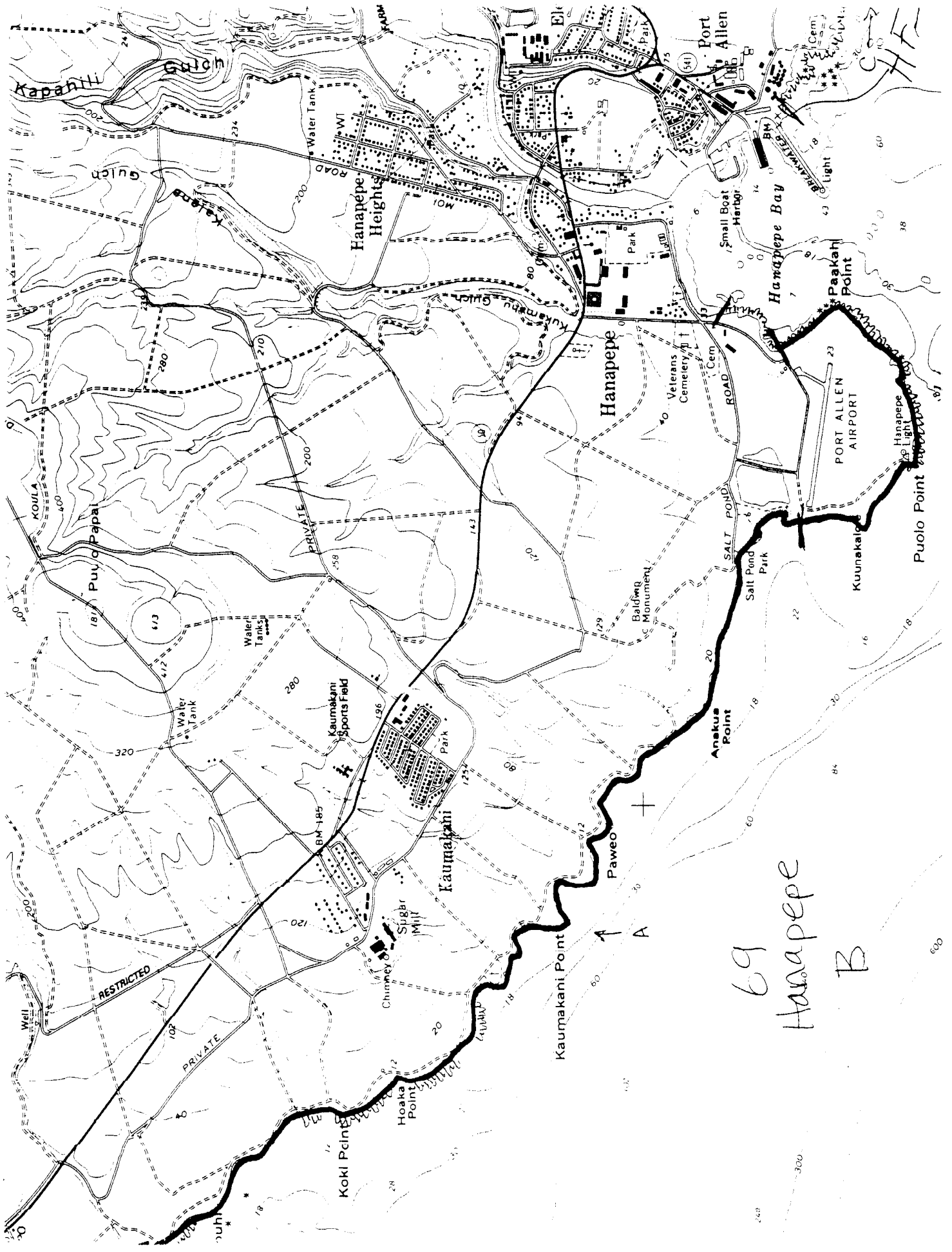
Well 41

Well 42



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Kekaha.  
C O C E A N





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Hanapepe  
B

CHF

SCAT RECOMMENDATIONS

Segment Barking Sands Beach

GPS Boundaries 22°03'47.5" N 159°47'12.4 W \*  
22°03'44.1 N 159°47'05.6" W \*

Date Surveyed (mmddyy) 9-18-98

Recommendations/Comments Leave Stains to Weather.  
No Clean up required

GPS Boundaries of stretch survey

21°53'20.3N x 159°25'05.6W - 21°58'32.2N x  
159°45'05.1"W

\* Boundaries of oiled area

NAME

SIGNATURE

Christie Robinson for Tesoro Christie Robinson

Liz Galvez for State Liz Galvez

Matthew Natch for Federal Matthew Natch

Enrico F. Lucchetti for USCG E. F. Lucchetti



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 9-15-98 24 hrs.

TEAM LETTER

H  
1

Time 1226  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Barking Sands ACCESS: Boat  Jeep  Helicopter

GPS Boundaries 21°53'20.3"N X 159°25'05.6"W - 22°03'23.1"N

Type of Oil  No Oil  Stain  Buried  Tarballs 159°46'53.4"W

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 0 Other: Military

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other  Sandstone beach

Meteorologic Data Air Temp: SI (F) Wind Speed 5 Knot

Visibility Partly Cloudy Precipitation: Y  N  Wind Direction: NW

Average Surf Height 2-4 ft. Swell Height 1-3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals   
Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds   
Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N Comments: Small's nesting Sand Stone

1 9cm stain 22°13'49.6"N X 159°47'12.4"W

Scattered 1.10 cm stain for 50 yards 159°47'08.6"W

Photo 7 Peter Rindens Camera





# SCAT Shoreline Data Sheet

## TESORO SPM HOSE SPILL

**TESORO**

Date 9-18-95 24 hrs.

TEAM LETTER 4

Time 1343  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Back to Sands ACCESS: Boat  Jeep  Helicopter

GPS Boundaries 22°13'39.4"N x 159°46'56.0"W - 22°03'19.3"N x

Type of Oil  No Oil  Stain  Buried  Tarballs 159°46'53.0"W

Area of Stain length: 10m width: 10m ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  
 Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: \_\_\_\_\_ Other: military

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other  Sandstone Bench

Meteorologic Data Air Temp: 85 (F) Wind Speed 5 Knot

Visibility Cloudy Precipitation: Y  N  Wind Direction: NW

Average Surf Height \_\_\_\_\_ ft. Swell Height 1-3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N

Comments: 2 Seaturtles in Subtidal

1 - 10cm stains 51% + 1 10cm stain  
offshore side of stream 22°03'15.4"N x 159°46'58.4"W - 22°15'23.5"N  
1 - 15cm x 3.5m stain 159°44'45.4"W



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 2-15-06 24 hrs.

TEAM LETTER  4

Time ~~11 36~~ 1525  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Part King Sands MAJORS BAY ACCESS:  Boat  Jeep  Helicopter

GPS Boundaries 22°00'33.8"N 159°46'50.8"W - 21°58'37.2"N

Type of Oil  No Oil  Stain  Buried  Tarballs 159°45'05.1"W

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 5 Other: FISH

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other  FISH

Meteorologic Data Air Temp: 92 (F) Wind Speed 10 KNOTS

Visibility Cloudy Precipitation: Y  N  Wind Direction: NW

Average Surf Height 23-5 ft. Swell Height 5 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife  Y  N

Comments: 17 Sanderlings  
Bonefish caught by fishermen



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date 2-15-95 24 hrs.

TEAM LETTER 4

Time 1:30  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Polihale ACCESS: Boat  Jeep  Helicopter

GPS Boundaries 22°54'19.9"N 156°44'50.5"W - 22°54'41.8"N  
157°43'24.6"W

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: ~~30~~ 30 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other \_\_\_\_\_

Meteorologic Data Air Temp: 57 (F) Wind Speed 5 knots

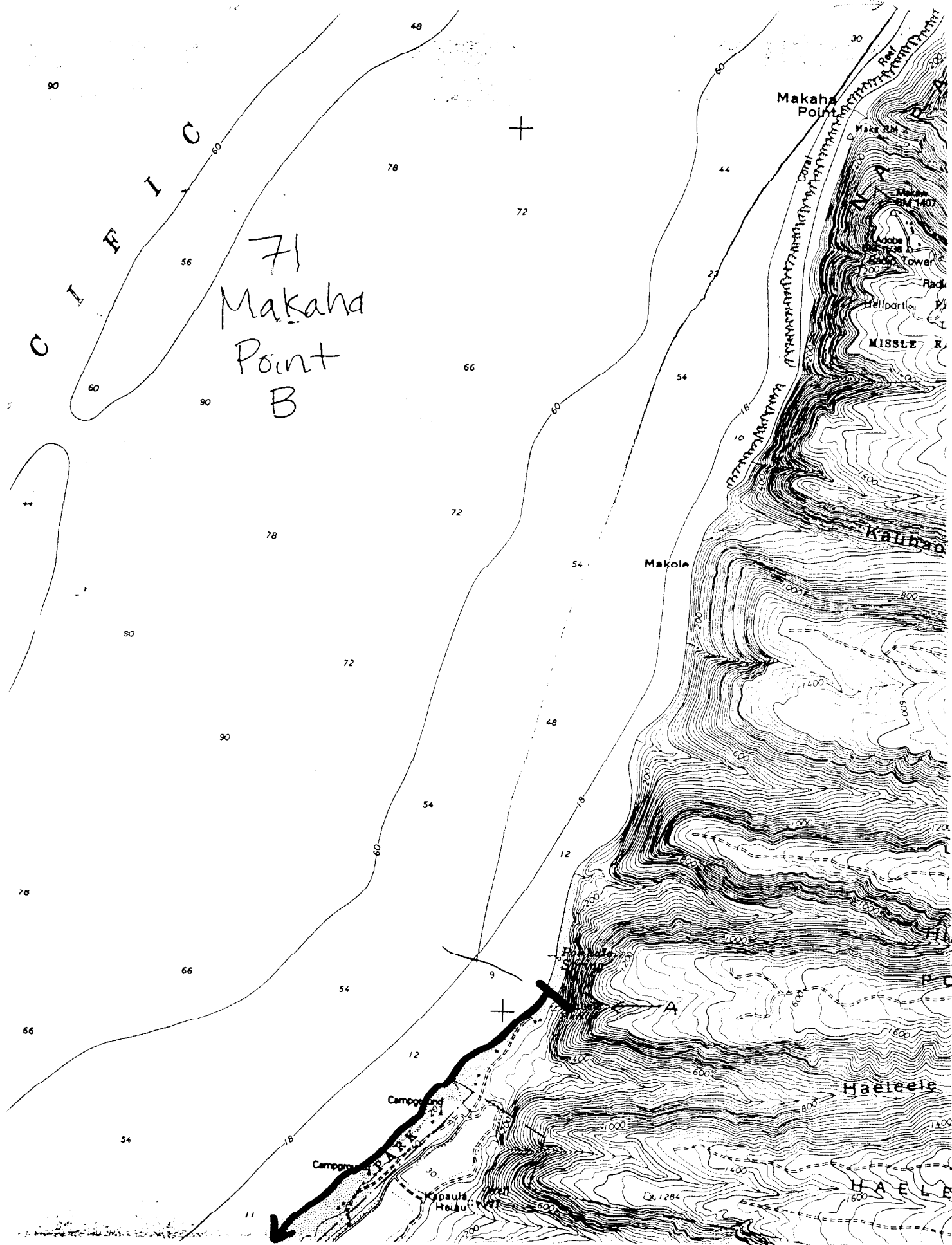
Visibility cloudy Precipitation: Y  N  Wind Direction: DE

Average Surf Height 5.7 ft. Swell Height 5 ft.

**WILDLIFE:**  
Seaturtles  Whales  Dolphins  Seals   
Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds   
Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

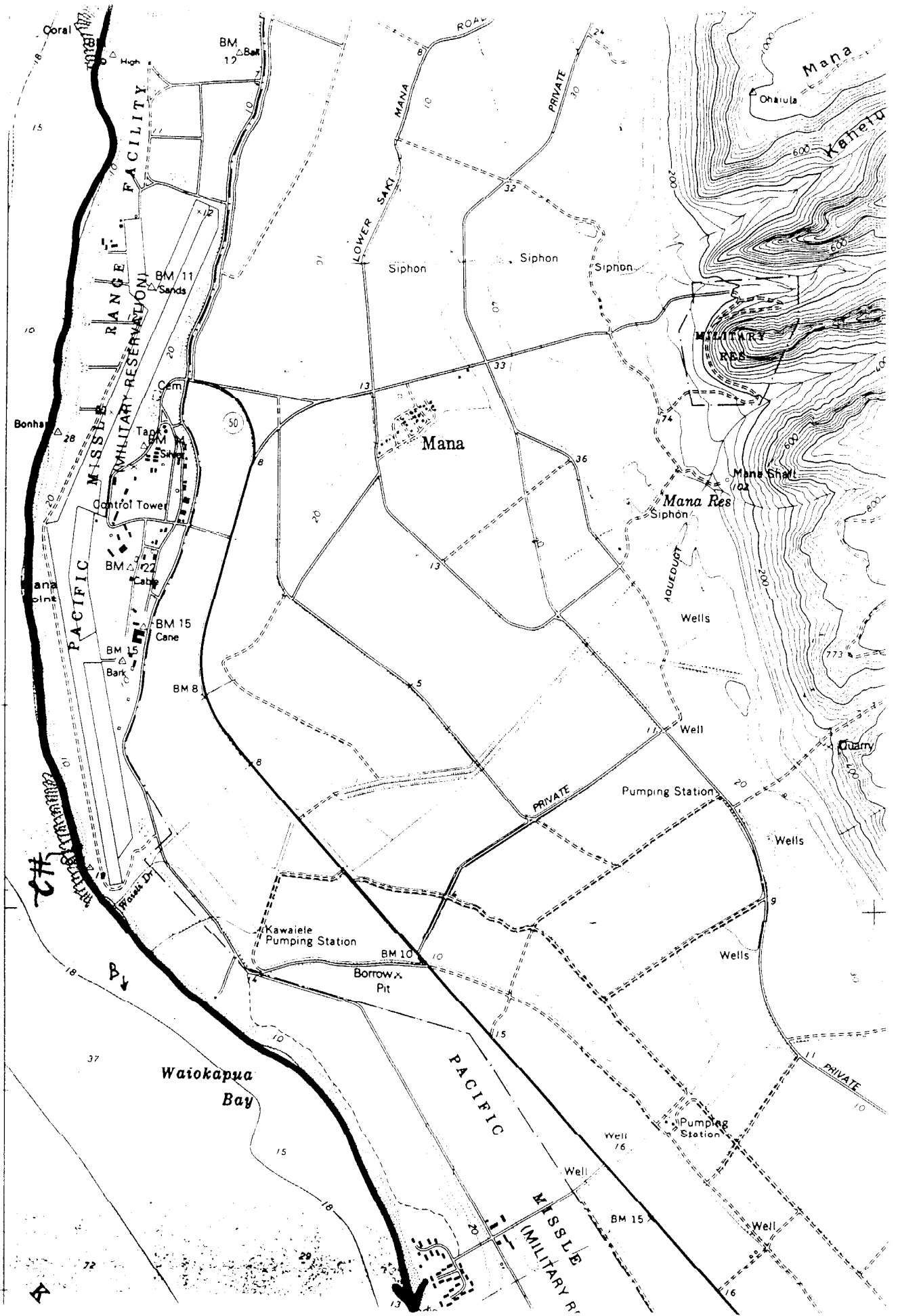
Impacted Wildlife  Y  N Comments: \_\_\_\_\_

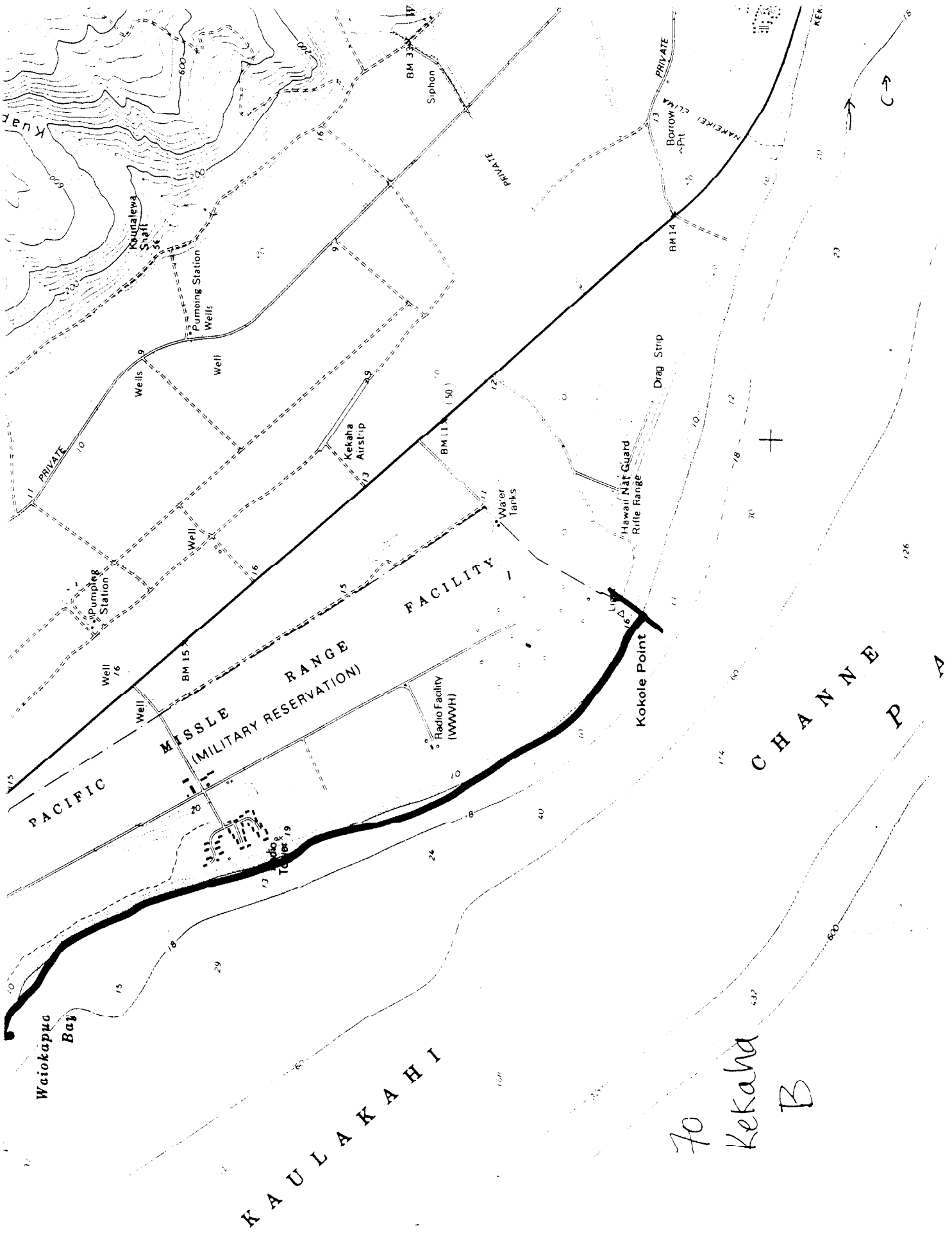
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70  
Kekaha  
A





70  
Kekaha  
B

SCAT RECOMMENDATIONS

Segment Palisade State Park

GPS Boundaries \_\_\_\_\_ N \_\_\_\_\_ W  
22°04'39.7" N 159°45'56.1 W

Date Surveyed (mmddyy) 9-18 & 9-19-98

Recommendations/Comments Beach Clean

NAME

SIGNATURE

Christie Robinson

for Tesoro

Christie Robinson

Elizabeth Alvarez

for State

E Alvarez

Matthew Notch

for Federal

Matthew Notch

Enxio F. Luccchetto

for USCG

E. F. Luccchetto





# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

Date \_\_\_\_\_ 24 hrs.

TEAM LETTER 4

Time 09 20 98  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. Makakohai ACCESS: Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil  No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:  strand line  high tide line  low tide line  other

Beach Use:  Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 0 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  reef  other

**Meteorologic Data** Air Temp: 82 (F) Wind Speed 20

Visibility 20+ Precipitation: Y  N  Wind Direction: SE

Average Surf Height 1-3 ft. Swell Height 1-2 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals  (monk)

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife Y  N

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



### SCAT RECOMMENDATIONS

Segment DIVISION D Areas

GPS Boundaries \_\_\_\_\_ N \_\_\_\_\_ W

\_\_\_\_\_ N \_\_\_\_\_ W

Date Surveyed (mmddyy) \_\_\_\_\_

Recommendations/Comments DIVISION D Areas (Kapaa Beach Park to  
Wailua River) were surveyed from 9/18/98 to 9/20/98  
(see attached reports). No further action is recommended  
for Division D Areas.

NAME

SIGNATURE

Fred Wehrenberg for Tesoro [Signature] 9/21/98

Laura Young for State [Signature]

Lee Ann Woodward for Federal [Signature] 9/21/98

John Bartholomew for USCG [Signature] 9/21/98

Attachments. KAPAA BEACH  
WAILUA BEACH



# SCAT Shoreline Data Sheet

TESORO SPM HOSE SPILL

**TESORO**

TIME Date 1600 24 hrs.

TEAM LETTER

2

DATE Time 9/20/98  
mm dd yy

USGS Quad Name: \_\_\_\_\_

Segment No. KAPAA BEACH

ACCESS:

Boat  Jeep  Helicopter

GPS Boundaries \_\_\_\_\_

Type of Oil

No Oil  Stain  Buried  Tarballs

Area of Stain length: \_\_\_\_\_ width: \_\_\_\_\_ ft. Size of Tarballs \_\_\_\_\_ (dia.)

Location of Oil:

strand line  high tide line  low tide line  other

Beach Use:

Hotel Beach  State Beach  Pocket Beach  Surfing  Swimming  Sun Bathing

No. of people present: 0 Other: \_\_\_\_\_

Shore type: sand  gravel  cliff  basalt bench  seawalls/piers   
wetland  r.  other  coral & shell fragments

Meteorologic Data Air Temp: 85 (F) Wind Speed 15

Visibility GOOD Precipitation: Y  N  Wind Direction: E

Average Surf Height 3 ft. Swell Height 3 ft.

### WILDLIFE:

Seaturtles  Whales  Dolphins  Seals

Birds: Shorebird  Seabird  Waterfowl  Terrestrial birds

Seabirds / Shorebird Activity:  flying  diving  resting  running  swimming

Impacted Wildlife Y  N

Comments: NO OIL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_