



Sea Engineering, Inc.

Pier 21, Honolulu, Hawaii 96817 (808) 536-3603 Fax (808) 536-3703

September 18, 1998

Mr. Pete Latham
Tesoro Hawaii, Inc.
733 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Latham:

On 17 September, 1998 Sea Engineering, Inc. divers performed underwater surveys at Fuji, Nukoli, and Kipukai Beaches, looking for oil, oil residue, tar, or tar balls which might be in the area as a result of the oil spill off Barber's Point, Oahu. All searches were done at the direction of the Oil Spill Command Post. The ocean surface was observed while en route to and from dive locations. No oil was noticed on the surface.

Fuji Beach

An underwater survey was made over a distance of 200 yards along the shore, a distance of 200 yards from shore, to a depth of 26 feet. No oil or tar was observed on the surface, on the bottom or in the water column.

The bottom conditions ranged from white sand to coral reef. The divers scanned the inside of coral cracks, crevices and holes. No sign of oil residue were observed. All marine life appeared normal. No sign of oil was observed on any marine plant or animal life.

Nukoli Beach

An underwater survey was made over a distance of about 1,000 feet along the shore, from 100 yards north of the Outrigger Hotel, to the south border of the hotel grounds. The divers swam from shore to a depth of 46 feet. No oil or tar was observed on the surface, on the bottom or in the water column.

The bottom conditions ranged from white sand to coral reef. The divers scanned the inside of coral cracks, crevices and holes. No sign of oil residue were observed. All marine life appeared normal. No sign of oil was observed on any marine plant or animal life.

Seas were rough and currents strong, making for a difficult pick up and drop off of the divers by the accompanying jet-ski.

Kipukai Beach

An underwater survey was made over a distance of about 1,500 feet along the shore, as directed by the representative of the Command Post. Divers swam from shore to a depth of 16 feet. No oil or tar was observed on the surface, on the bottom or in the water column.

The bottom was predominately sandy with some scattered coral reef. The divers scanned the inside of coral cracks, crevices and holes. No sign of oil residue were observed. All marine life appeared normal. No sign of oil was observed on any marine plant or animal life.

Seas were rough and currents strong, with five foot shore break waves.

Personnel

Jonathan Ross - Diver

Mr. Ross has been SCUBA diving since 1969, and has been a commercial diver since 1974. Mr. Ross has worked as a diver in Hawaii, Alaska, California, Yap, Japan, and Wake Island. He is HAZWOPER trained, and has worked on oil pipelines in Hawaii, California, and Japan. He has been employed by Sea Engineering, Inc. since 1987.

Walter Faulconer - Diver

Mr. Faulconer has been SCUBA diving since 1970, and has been a commercial diver since 1975. He has been involved in oil pipeline construction and inspection. Mr. Faulconer is also a SCUBA instructor, and has HAZMAT training from the Honolulu Fire Department. He has been employed by Sea Engineering, Inc. since 1976.

Kaleo Hookano - Safety Supervisor

Mr. Hookano is a supervisor with the County of Kauai Lifeguards.

If you have any questions, please call me at 536-3603.

Yours truly,



W. Patrick Ross
Vice President

If need more info, call - Sea Engineering Inc.
Sea Engineering + ask for divers.

Dive Log

1st dive of the day ~~26'~~ ^{26'} depth
max. 2 Fujii - Out boat harbor
& down coast till out of air. 26 min.

U.S. 11:31
R.S. 11:59

2nd Dive ~~13:45~~ ~~13:55~~ ~~14:23~~ 13:19 14:03 81°
Depth 46' 1000' Hotel - 28 min.
COVERED AREA 100 YARDS NORTH OF
STREAM TO THE SOUTH BORDER OF
HOTEL GROUNDS. RAN FROM 45' DEPTH
LEVEL TO SHORE NO SIGNS OF
ANY TARBALLS OR OIL RESIDUE OR
ANY KIND BOTTOM RANGED FROM
WHITE SAND TO ROCKY CORAL
BOTTOMS. ALSO SCANNED INSIDE OF
CORAL CRACKS, CREVICES, AND HOLES
NO SIGNS OF OIL RESIDUE IN
THESE ALSO NOTHING NOTED ON SURFACE

Note: Weather conditions not too
good. Sea's rough. pick up & drop
off tough.

1020 - 1045 2 divers Swam 1500' @ 16'
25 min dive. no signs of tar on bot.
500' off shore

808-572 2606 - Jonathan Ross