DWG. NO.	REFERENCE DRAWINGS	MK	DATE	BY	CK'D	APP	REVISIONS	MK	DATE	BY	CK'D	APP	REVISIONS

HESS OIL VIRGIN ISLANDS CORP.
ST. CROIX REFINERY — ST. CROIX, U.S. VIRGIN ISLANDS

HOVIC GENERAL PLOT PLAN

BY	IAN BOLAH	A.F.E.		PROJECT	REV.
CK'D	N. R.	SCALE	1"=300'-0"	DRAWING NUMBER HOVIC - PP - 100	D
APP'D	L. K. E.	DATE	11/27/91		

HESS OIL VIRGIN ISLANDS CORP.

BRIAN L. STERLING
REFINERY MANAGER

REPLY TO:
KINGSHILL, P. O. BOX 127
ST. CROIX, U. S. VIRGIN ISLANDS
00851-0127

April 11, 1994

CERTIFIED MAIL P 340 411 538
RETURN RECEIPT REQUESTED

Mr. Andrew Bellina
Program Report Section
Solid Waste Branch
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, N.Y. 10278

Dear Mr. Bellina:

Hess Oil Virgin Islands Corp (HOVIC) operates a petroleum refinery in the Southern Industrial Complex of St. Croix, USVI (see attachment 1). In a March 16th groundwater monitoring event at No. 2 Landfarm HOVIC noticed separate phase hydrocarbon in monitoring well NSF-5 (see attachment 2). Subsequent analysis of the hydrocarbon determined the material to be in the Jet Fuel boiling range. The hydrocarbon was initially thought to be migration from an existing plume north of No. 2 Landfarm. That plume was the result of an Oily Water Sewer line leak that was subsequently repaired. A follow-up check of NSF-5 on March 23 indicated an increase in the thickness of the plume in the well. Source investigation determined that static gaging data from Tank 7601 indicated a possible leak from that tank. The tank was taken out of service immediately for internal inspection. No attempt was made at that time to determine if the leak indicating gaging data was from internal leaking valves. Our objective was to inspect the tank floor as expeditiously as possible.

Coincidentally, at Dock No. 7 sheens of oil from an unknown source were being reported to the U.S. Coast Guard (see attachment 3). Investigation into the repeated oil sheens led to the conclusion that the oil may be the result of subsurface migration. A monitoring well, Observation Well 482, was drilled adjacent to Dock No. 7 and separate phase hydrocarbon was found in this well on March 23. Analysis of this hydrocarbon showed the material to be in the Jet Fuel boiling range.