



Ground Water

Engineering

Hydrocarbon

Remediation

Education

November 19, 1992

Mirko Restovic
Department of Public Works
No. 8 Sub Base, Crown Bay
St. Thomas, U.S. Virgin Islands 00802

Re: Volume and Quality of Water Discharged to Sanitary Sewer
Tutu Service Station Investigation

Dear Mr. Restovic:

As you requested, Geraghty & Miller, Inc. has provided the attached table summarizing the treated water volume discharged to the sanitary sewer during the Tutu Service Station Investigation field program. Effluent samples were collected for field gas chromatograph (GC) analysis on September 11, 1992 prior to discharging, and several other samples were collected in October and November every two hours during the constant rate aquifer pumping tests. All GC results were well below the United States Environmental Protection Agency's (USEPA) drinking water Maximum Contaminant Level (MCL) standards.

Split samples of the effluent were also collected for laboratory analysis. As soon as the validated laboratory analytical data is available, Geraghty & Miller will submit the data to you.

Sincerely,

GERAGHTY & MILLER, INC.

Clinton Moffatt
Staff Scientist

Thomas V. Danahy
Senior Scientist/Project Manager

Daniel Nachman
Vice President/Project Officer

c: Ana Gloria Ramos - TEIC
Gilbert Estrill - DPW
Leo Francis - DPW

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Table 1. Summary of Treated Water Volume Discharged to the Sanitary Sewer
Tutu Service Station Investigation
St. Thomas, U.S. Virgin Islands

Date	Treated Water Discharged (Gallons)	Activity
9/11/92	3,459	Ground-water Sampling
10/30/92	4,210	Aquifer Pumping Tests
11/02/92	942	Aquifer Pumping Tests
11/03/92	12,067	Aquifer Pumping Tests
11/04/92	1,611	Aquifer Pumping Tests
11/05/92	10,210	Aquifer Pumping Tests
11/06/92	10,275	Aquifer Pumping Tests
Total Volume Discharged:		42,774

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