

October 20, 1992

Ms. Caroline Kwan, Project Manager
USEPA-Region II
26 Federal Plaza, Room 737
New York, NY 10278

Re: Relocation of Pumping Tests and Revised Schedule
Tutu Service Station Investigation
St. Thomas, U.S. Virgin Islands

Dear Ms. Kwan:

Based on information collected from the first round of ground-water sampling of the monitoring wells, Geraghty & Miller, Inc. has decided to relocate the upcoming pumping tests from MW-10 and MW-10D to MW-6R and MW-6D. During the purging of MW-10, the well was pumped dry within 12 minutes at a rate of 2 gallons per minute (gpm) and MW-10D was pumped dry within 25 minutes at a rate of 8 gpm. In comparison, MW-6R and MW-6D maintained a flow rate of 4 gpm and 8 gpm, respectively, therefore providing a sufficient yield for the pumping tests.

Table 1 presents an update of the preliminary schedule for the pumping tests. As requested by the USEPA and agreed to by Ana Gloria Ramos, Designated Coordinator, Tutu Environmental Investigation Committee, the current schedule includes an extension of the pumping test at the deep monitoring well (MW-6D) to possibly 72 hours, in order to allow for stabilization after potential delayed yield. The 72-hour pumping test will be stopped after 24 or 48 hours if the data indicates that a delayed yield is not still present. The field data will be

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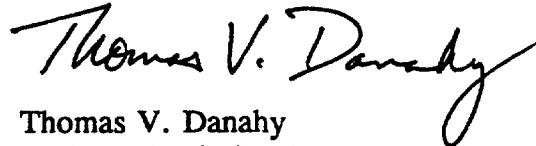
plotted for review by USEPA representatives prior to deciding when to end the test. If you have any questions, please call.

Sincerely,

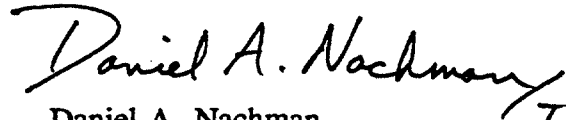
GERAGHTY & MILLER, INC.



Clinton Moffatt
Staff Scientist



Thomas V. Danahy
Senior Scientist/Project Manager



Daniel A. Nachman
Project Director/Project Officer

TVD

c: Ana Gloria Ramos - TEIC
Jose Agrelot - Soil Tech
Sally Odland - CDM

CM:cmw
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Table 1. Anticipated Schedule for Pumping Tests in October and November 1992, Tutu Service Station Investigation, St. Thomas, U.S. Virgin Islands.

Date	Activity
Thursday, October 29	Set-up water-level recorders for pre-pumping trend.
Friday, October 30	4-hour step-test at MW-6D; record recovery. Set-up recorder for pre-pumping trend for November 2 test.
Monday, November 2 @ 10:00 a.m.	Start 72-hour pumping test at MW-6D; pumping rate to be determined from the results of October 30 step-test.
Thursday, November 5 @ 10:00 a.m.	End test; record recovery; data analysis.
Friday, November 6	4-hour step-test at MW-6R; record recovery. Set-up recorder for pre-pumping trend for November 9 pumping test.
Monday, November 9 @ 10:00 a.m.	Start 24-hour pump test at MW-6R; pumping rate to be determined from November 6 step-test.
Tuesday, November 10 @ 10:00 a.m.	End test; record recovery.

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