
CDM FEDERAL PROGRAMS CORPORATION

a subsidiary of Camp Dresser & McKee Inc.

June 12, 1992

Ms. Catherine E. Moyik
TES V Regional Project Officer
U.S. Environmental Protection Agency
26 Federal Plaza Room 737
New York, NY 10278

PROJECT: TES V, EPA CONTRACT NO: 68-W9-0002
Work Assignment C02048
Tutu Well Field Site
St. Thomas, U.S. Virgin Islands

DOCUMENT NO: TESH-C02048-EP-CMMC

SUBJECT: Review of Addendum to Technical Memorandum I
Tutu Well Field Site
Document Control No: TESH-C02048-LR-CMNB

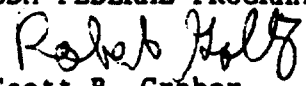
Dear Ms. Moyik:

Please find enclosed the letter report titled "Review of Addendum to Technical Memorandum I, Tutu Service Station Investigation" for the Tutu Well Field Site, St. Thomas, U.S. Virgin Islands, as partial fulfillment of the reporting requirements for work assignment C02048.

If you have any comments regarding this submittal, please contact Sally Odland of CDM FPC at (212) 393-9634 within two weeks from the date of this letter.

Sincerely,

CDM FEDERAL PROGRAMS CORPORATION


Scott B. Graber
TES V REGIONAL MANAGER

Attachment

cc: C. Kwan, EPA Work Assignment Manager
S. Odland, CDM FPC Work Assignment Manager
Document Control, CDM FEDERAL PROGRAMS CORPORATION (2 copies)
NYC File

TUT 006 1788

**REVIEW OF
ADDENDUM TO TECHNICAL MEMORANDUM I
TUTU SERVICE STATION INVESTIGATION**

**TUTU WELL FIELD SITE
ST. THOMAS, U.S. VIRGIN ISLANDS**

Prepared for

**U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Waste Programs Enforcement
Washington, D.C. 20460**

EPA Work Assignment No.	: C02048
EPA Region	: II
Site No.	: 2P1D
Contract No.	: 68-W9-0002
CDM FEDERAL PROGRAMS CORPORATION Document No.	: TESV-C02048-LR-CMNB
Prepared By	: CDM FPC
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Date Prepared	: June 12, 1992

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June 12, 1992

Ms. Caroline Kwan
U.S. Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

PROJECT: TES V, EPA CONTRACT NO: 68-W9-0002
Work Assignment C02048
Tutu Well Field Site
St. Thomas, U.S. Virgin Islands

DCN: TESV-C02048-LR-CMNB

SUBJECT: Review of Addendum to Technical Memorandum I
Tutu Service Station Investigation

Dear Ms. Kwan:

CDM FEDERAL PROGRAMS CORPORATION (CDM FPC) has reviewed the Geraghty & Miller's letter entitled "Addendum to Technical Memorandum I, Tutu Service Station Investigation, St. Thomas, Virgin Islands", dated May 19, 1992.

As I informed you in our phone conversation on June 9, CDM FPC finds that this addendum adequately reflects the changes to monitoring well locations, methods for split-spoon sampling and analytical parameters for surface soils and drummed waste agreed upon in the technical meeting held between EPA, CDM FPC, the Tutu Environmental Investigation Committee (TEIC), and TEIC's contractors, Geraghty and Miller and Soil Tech and in New York on May 5, 1992. Geraghty and Miller has also provided more details to support the magnetometer survey results in response to our comments on Technical Memorandum I. These responses are also satisfactory for the purposes of the report.

Geraghty and Miller did not show the proposed borings or monitoring wells on the magnetic field maps as requested. However, the locations can be figured out by comparing diagrams and CDM FPC does not feel it would be productive at this time to redo the figures since they have served their purpose, which was to determine if proposed drilling locations would interfere with any subsurface structures or utilities.

Geraghty and Miller has asked EPA to comment on whether the proposed additional surface soil sampling will be considered satisfactory for a risk

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assessment. Three onsite samples are proposed, collected from probable contaminated areas as determined by soil staining (two at the Curriculum Building and one from boring B-13 at the O'Henry Cleaners). Two background samples will also be collected. These samples should provide adequate data for a qualitative evaluation of surface soil risk. A quantitative evaluation would require additional samples. However, due to the urban nature of the site, areas of exposed surface soil are sparse, and this exposure pathway will provide negligible risk compared to groundwater.

By sampling the potentially worst surface soil areas, EPA will have data representing the highest risk areas. CDM FPC believes that a qualitative evaluation of these areas will provide an adequate determination of a risk that is expected to be minimal. However, since EPA or an as yet undesignated contractor will be performing the risk assessment, I suggest you ask EPA's risk assessor, Mark Maddaloni, if he believes a quantitative assessment of surface soil risk will be required by EPA.

Sincerely,

CDM FEDERAL PROGRAMS CORPORATION


Sally Odland
Work Assignment Manager