

MACTEC

engineering and constructing a better tomorrow

April 30, 2007

Mr. David Dorian
U.S. EPA, Region 4
On-Scene Coordinator
61 Forsyth Street, S.W. (11th Floor)
Atlanta, Georgia 30303

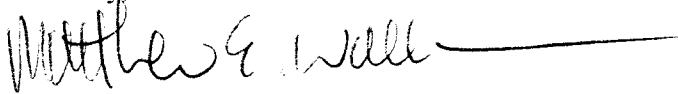
RE: Mills Gap Road Groundwater Contamination Site
CERCLA Docket No. CER-04-2004-3755
Monthly Progress Report, Number 35
Near Skyland, Buncombe County, North Carolina
MACTEC Project 6690-03-9450

Dear Mr. Dorian:

In accordance with the Administrative Order on Consent (AOC) and Scope of Work for the removal action at the Mills Gap Road Groundwater Contamination Site, enclosed for your review is the progress report for the month of March 2007.

If you have any questions, please feel free to call either Marv Gobles at (574) 293-7511, or me at (828) 252-8130.

Sincerely,



Matthew E. Wallace, P.E.
Project Coordinator

Attachments

cc: Marvin Gobles, CTS Corporation
Elizabeth Bottorff Ahlemann, CTS Corporation
Michael F. Dolan, Esq., Jones Day
William Clarke, Robert & Stevens, P.A.

Mills Gap Road Groundwater Contamination Site

Monthly Progress Report

Reporting Period: March 2007
CERCLA Docket No. CER-04-2004-3755

This monthly report has been prepared in accordance with requirements specified in the Scope of Work (SOW) contained in the Administrative Order on Consent (AOC) for Removal Action issued by the USEPA.

1) Significant developments during the preceding period:

- On March 30, 2007, MACTEC submitted the February 2007 monthly progress report to USEPA.
- Operational and maintenance activities were performed and an air sample was collected from the soil vapor extraction (SVE) system discharge on February 23, 2007. An estimated 47 pounds of volatile organic compounds (VOCs) were discharged from SVE system operation in February 2007.

2) Developments from the present reporting period:

- Operational and maintenance activities were performed and an air sample was collected from the SVE system discharge on March 22, 2007. An estimated 31 pounds of VOCs were discharged from SVE system operation in March 2007. The SVE system operated for approximately 333 hours during the month of March 2007. The analytical data indicates an overall decreasing concentration trend of VOCs since the system's initial operation, as anticipated. Analytical data from the SVE air discharge sampling received during the period includes:
 - SGS Environmental Services, Inc. Report G132-1741, dated April 10, 2007 (sample collected March 22, 2007).
- An estimated 1,477 pounds of VOCs have been discharged from the SVE system since its initial operation on July 20, 2006.

3) Developments anticipated during the next reporting period:

- Monthly scheduled operational and maintenance activities will be performed for the SVE system.
- Monthly air sampling of the SVE system air discharge will be performed.

**Results for Volatiles in Air**
by GC/MSClient Sample ID: MG-17A 3-22-07 (14:55)
Client Project ID: Mills Gap
Lab Sample ID: G132-1741-1A
Lab Project ID: G132-1741Analyzed By: EAW
Date Collected: 3/22/2007 14:55
Date Received: 3/23/2007
Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed
Benzene	BQL	1.0000	1	4/9/2007
Bromochloromethane	BQL	1.0000	1	4/9/2007
Bromodichloromethane	BQL	1.0000	1	4/9/2007
Bromoform	BQL	1.0000	1	4/9/2007
Carbon tetrachloride	BQL	1.0000	1	4/9/2007
Chlorobenzene	BQL	1.0000	1	4/9/2007
Chloroform	BQL	1.0000	1	4/9/2007
Dibromochloromethane	BQL	1.0000	1	4/9/2007
1,2-Dibromoethane (EDB)	BQL	1.0000	1	4/9/2007
1,2-Dichlorobenzene	BQL	1.0000	1	4/9/2007
1,3-Dichlorobenzene	BQL	1.0000	1	4/9/2007
1,4-Dichlorobenzene	BQL	1.0000	1	4/9/2007
1,1-Dichloroethane	BQL	1.0000	1	4/9/2007
1,1-Dichloroethene	BQL	1.0000	1	4/9/2007
1,2-Dichloroethane	BQL	1.0000	1	4/9/2007
cis-1,2-Dichloroethene	BQL	1.0000	1	4/9/2007
trans-1,2-dichloroethene	BQL	1.0000	1	4/9/2007
1,2-Dichloropropane	BQL	1.0000	1	4/9/2007
cis-1,3-Dichloropropene	BQL	1.0000	1	4/9/2007
trans-1,3-Dichloropropene	BQL	1.0000	1	4/9/2007
Diisopropyl ether	BQL	1.0000	1	4/9/2007
Ethylbenzene	BQL	1.0000	1	4/9/2007
Methyl-tert-butyl ether	BQL	1.0000	1	4/9/2007
Styrene	BQL	1.0000	1	4/9/2007
1,1,2,2-Tetrachloroethane	BQL	1.0000	1	4/9/2007
Tetrachloroethene	BQL	1.0000	1	4/9/2007
Toluene	BQL	1.0000	1	4/9/2007
Trichloroethene	47.8	1.0000	1	4/9/2007
1,1,1-Trichloroethane	6.25	1.0000	1	4/9/2007
1,1,2-Trichloroethane	BQL	1.0000	1	4/9/2007
m-,p-Xylene	BQL	2.0000	1	4/9/2007
o-Xylene	BQL	1.0000	1	4/9/2007

Comments:

Quantitation at 25°C and 1 atm.

Flags:

BQL = Below quantitation limit.

Reviewed By:



SGS ENVIRONMENTAL SERVICES, INC.

Results for Organics in Air
by GC/FID

Client Sample ID: MG-17A 3-22-07 (15:13)
Client Project ID: Mills Gap
Lab Sample ID: G132-1741-3A
Lab Project ID: G132-1741

Analyzed By: BWS
Date Collected: 3/22/2007 15:13
Date Received: 3/23/2007
Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	10.0000	1	3/29/2007

Comments:

Quantitation at 25°C and 1 atm.

Reviewed By: Raw

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.



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SGS ENVIRONMENTAL SERVICES, INC.

1 CLIENT: **MACTEC** PHONE NO: **828 252 811**

CONTACT: **Susan Kelly** SITES/WSID#:

PROJECT: **Wills Gap**

REPORTS TO: **1308-C Patton Avenue**
Asheville NC 28806

INVOICE TO: **FAX NO: (828) 251 9690**

QUOTE #

P.O. NUMBER **APO 63985**

SGS Reference: **G7132-1741** PAGE **1** OF **1**

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	REMARKS
MG-17A	3-22-07	3-22-07	14:55	air	
MG-17B	3-22-07	3-22-07	14:55	air	
MG-17A	3-22-07	3-22-07	15:13	air	
MG-17B	3-22-07	3-22-07	15:13	air	

2 CONTAINERS

No	SAMPLE TYPE	Preservatives Used	Analysis Required
1	C	KAD	3
2	C- COMP	DR0 8015	VOCs 8260
3	G- GRAB		

5 Collected/Relinquished By: (1) **[Signature]** Date **3-22-07** Time **17:00**

Relinquished By: (2) **[Signature]** Date **3-23-07** Time **10:15**

Relinquished By: (3) **[Signature]** Date Time

Relinquished By: (4) **[Signature]** Date Time

Received By: **[Signature]** Received By: **[Signature]**

Received By: **[Signature]** Received By: **[Signature]**

Received By: **[Signature]** Received By: **[Signature]**

Received By: **[Signature]** Received By: **[Signature]**

4 Shipping Carrier: **FedEx** Samples Received Cold? (Circle) YES **NO**

899928783072 Shipping Ticket No: **Ambient** Temperature (C):

Special Deliverable Requirements: Chain of Custody Seal: (Circle) **INTACT** **BROKEN** **ABSENT**

Requested Turnaround Time and Special Instructions: *** assume 10 liters of air**
A = first tube
B = background tube

White - Retained by Lab
 Yellow - Returned with Report
 Pink - Retained by Sampler

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