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July 23, 2008

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

RE: Mills Gap Groundwater Contamination Site
CERCLA Docket No. CER-04-2004-3755
Monthly Progress Report, Number 50
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 Groundwater Contamination Site, enclosed for your review is the progress report for the month of June 2008.

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

Sincerely,

A handwritten signature in black ink that reads "Matthew E. Wallace" with a long, sweeping flourish at the end.

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 Groundwater Contamination Site

Monthly Progress Report

Reporting Period: June 2008

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 June 23, 2008, MACTEC submitted the May 2008 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 May 21, 2008. An estimated 186 pounds of volatile organic compounds (VOCs) were removed by the SVE system in May 2008.

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 June 23, 2008. The SVE system operated for approximately 229 hours during the month of June 2008. An estimated 96 pounds of VOCs were removed by the SVE system in June 2008. There is 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 G132-1914, dated July 9, 2008 (sample collected June 23, 2008).
- An estimated 3,423 pounds of VOCs have been removed by 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.



Susan Kelly
Mactec
1308C Patton Ave.
Asheville, NC 28806

Report Number: G132-1914

Client Project: Mills Gap

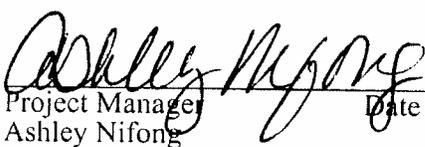
Dear Susan Kelly,

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS Environmental Services at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.

 Ashley Nifong
Project Manager
Date 7/9/08



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/CL = Reporting Limit / Control 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.



Results for Volatiles in Air
by GC/MS

Client Sample ID: MG-32A 6-23-08 Front Half
Client Project ID: Mills Gap
Lab Sample ID: G132-1914-1A
Lab Project ID: G132-1914

Analyzed By: DES
Date Collected: 6/23/2008 15:30
Date Received: 6/25/2008
Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed
Benzene	BQL	10.0000	10	7/8/2008
Bromochloromethane	BQL	10.0000	10	7/8/2008
Bromodichloromethane	BQL	10.0000	10	7/8/2008
Bromoform	BQL	10.0000	10	7/8/2008
Carbon tetrachloride	BQL	10.0000	10	7/8/2008
Chlorobenzene	BQL	10.0000	10	7/8/2008
Chloroform	BQL	10.0000	10	7/8/2008
Dibromochloromethane	BQL	10.0000	10	7/8/2008
1,2-Dibromoethane (EDB)	BQL	10.0000	10	7/8/2008
1,2-Dichlorobenzene	BQL	10.0000	10	7/8/2008
1,3-Dichlorobenzene	BQL	10.0000	10	7/8/2008
1,4-Dichlorobenzene	BQL	10.0000	10	7/8/2008
1,1-Dichloroethane	BQL	10.0000	10	7/8/2008
1,1-Dichloroethene	BQL	10.0000	10	7/8/2008
1,2-Dichloroethane	BQL	10.0000	10	7/8/2008
cis-1,2-Dichloroethene	BQL	10.0000	10	7/8/2008
trans-1,2-dichloroethene	BQL	10.0000	10	7/8/2008
1,2-Dichloropropane	BQL	10.0000	10	7/8/2008
cis-1,3-Dichloropropene	BQL	10.0000	10	7/8/2008
trans-1,3-Dichloropropene	BQL	10.0000	10	7/8/2008
Diisopropyl ether	BQL	10.0000	10	7/8/2008
Ethylbenzene	BQL	10.0000	10	7/8/2008
Methyl-tert-butyl ether	BQL	10.0000	10	7/8/2008
Styrene	BQL	10.0000	10	7/8/2008
1,1,2,2-Tetrachloroethane	BQL	10.0000	10	7/8/2008
Tetrachloroethene	BQL	10.0000	10	7/8/2008
Toluene	BQL	10.0000	10	7/8/2008
Trichloroethene	264	10.0000	10	7/8/2008
1,1,1-Trichloroethane	BQL	10.0000	10	7/8/2008
1,1,2-Trichloroethane	BQL	10.0000	10	7/8/2008
m-,p-Xylene	BQL	20.0000	10	7/8/2008
o-Xylene	BQL	10.0000	10	7/8/2008

Comments:

Quantitation at 25°C and 1 atm.

Flags:

BQL = Below quantitation limit.

Reviewed By: 

**Results for Volatiles in Air**
by GC/MS

Client Sample ID: MG-32B 6-23-08 Back Half
Client Project ID: Mills Gap
Lab Sample ID: G132-1914-2A
Lab Project ID: G132-1914

Analyzed By: DES
Date Collected: 6/23/2008 15:30
Date Received: 6/25/2008
Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed
Benzene	BQL	0.4000	1	7/8/2008
Bromochloromethane	BQL	0.4000	1	7/8/2008
Bromodichloromethane	BQL	0.4000	1	7/8/2008
Bromoform	BQL	0.4000	1	7/8/2008
Carbon tetrachloride	BQL	0.4000	1	7/8/2008
Chlorobenzene	BQL	0.4000	1	7/8/2008
Chloroform	BQL	0.4000	1	7/8/2008
Dibromochloromethane	BQL	0.4000	1	7/8/2008
1,2-Dibromoethane (EDB)	BQL	0.4000	1	7/8/2008
1,2-Dichlorobenzene	BQL	0.4000	1	7/8/2008
1,3-Dichlorobenzene	BQL	0.4000	1	7/8/2008
1,4-Dichlorobenzene	BQL	0.4000	1	7/8/2008
1,1-Dichloroethane	BQL	0.4000	1	7/8/2008
1,1-Dichloroethene	BQL	0.4000	1	7/8/2008
1,2-Dichloroethane	BQL	0.4000	1	7/8/2008
cis-1,2-Dichloroethene	BQL	0.4000	1	7/8/2008
trans-1,2-dichloroethene	BQL	0.4000	1	7/8/2008
1,2-Dichloropropane	BQL	0.4000	1	7/8/2008
cis-1,3-Dichloropropene	BQL	0.4000	1	7/8/2008
trans-1,3-Dichloropropene	BQL	0.4000	1	7/8/2008
Diisopropyl ether	BQL	0.4000	1	7/8/2008
Ethylbenzene	BQL	0.4000	1	7/8/2008
Methyl-tert-butyl ether	BQL	0.4000	1	7/8/2008
Styrene	BQL	0.4000	1	7/8/2008
1,1,2,2-Tetrachloroethane	BQL	0.4000	1	7/8/2008
Tetrachloroethene	BQL	0.4000	1	7/8/2008
Toluene	BQL	0.4000	1	7/8/2008
Trichloroethene	BQL	0.4000	1	7/8/2008
1,1,1-Trichloroethane	BQL	0.4000	1	7/8/2008
1,1,2-Trichloroethane	BQL	0.4000	1	7/8/2008
m-,p-Xylene	BQL	0.8000	1	7/8/2008
o-Xylene	BQL	0.4000	1	7/8/2008

Comments:

Quantitation at 25°C and 1 atm.

Flags:

BQL = Below quantitation limit.

Reviewed By: 



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: MG-32A (and B) 6/23/08
Client Project ID: Mills Gap
Lab Sample ID: G132-1914-3 and -4
Lab Project ID: G132-1914

Analyzed By: EAW
Date Collected: 6/23/2008 15:43
Date Received: 6/25/2008
Matrix: Air

Analyte	Result mg/m ³	RL mg/m ³	Prep Method	Dilution Factor	Date Analyzed
Initial Tube: Diesel Range Organics	26.2	10	MM18	1	06/28/08
Analyte	Result mg/m ³	RL mg/m ³	Prep Method	Dilution Factor	Date Analyzed
Breakthrough tube: Diesel Range Organics	BQL	4	MM18	1	06/28/08

Comments:

Flags:



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

- Locations Nationwide
- Alaska
 - Hawaii
 - Ohio
 - Maryland
 - New Jersey
 - North Carolina
 - West Virginia
- www.us.sgs.com

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1 CLIENT: MACTEC
 CONTACT: SUSAN KELLY PHONE NO: 818 252 8130
 PROJECT: MILLS GAP SITE/PWSID#: _____
 REPORTS TO: 1308 Patton Ave E-MAIL: sekelly@mactec.com
Asheville NC 28806 FAX NO: ()
 INVOICE TO: _____ QUOTE # _____
 P.O. NUMBER 200801748

SGS Reference: G132-1914 PAGE 1 OF 1

No	CONTAINERS	SAMPLE TYPE	C= COMP G= GRAB	Preservatives Used	Analysis Required	REMARKS
1	1	G		C	XAD	
1	1	G				
1	1	G				
1	1	G				

VOCs 8260
DRO 8015

4 Shipping Carrier: Fed Ex
 Samples Received Cold? (Circle) YES (NO) NO
 Shipping Ticket No: 8600 4554 0230
 Temperature (C): ambient
 Chain of Custody Seal: (Circle) ABSENT
 Special Deliverable Requirements:
 INTACT ABSENT BROKEN
 Special Instructions: Assume 10 liters of air
A= initial tube B= break through tube
 Requested Turnaround Time: _____
 RUSH STD Date Needed _____

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LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	Received By:	Date	Time
	<u>MG-32A 6-23-08</u>	<u>6/23/08</u>	<u>1530</u>	<u>air</u>	<u>[Signature]</u>	<u>6/23/08</u>	<u>1200</u>
	<u>MG-32B 6-23-08</u>	<u>6/23/08</u>	<u>1530</u>	<u>air</u>			
	<u>MG-32A 6-23-08</u>	<u>6/23/08</u>	<u>1543</u>	<u>air</u>			
	<u>MG-32B 6-23-08</u>	<u>6/23/08</u>	<u>1543</u>	<u>air</u>			

5 Collected/Relinquished By: (1) [Signature] Date 6/24/08 Time 1200
 Relinquished By: (2) _____ Date _____ Time _____
 Relinquished By: (3) _____ Date _____ Time _____
 Relinquished By: (4) _____ Date _____ Time _____