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May 26, 2009

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 60
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 April 2009.

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" followed by a stylized flourish.

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: April 2009

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 April 29, 2009, MACTEC submitted the March 2009 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 March 20, 2009. An estimated 331 pounds of volatile organic compounds (VOCs) were removed by the SVE system in March 2009.
- Activities related to implementing the Supplemental Removal Action Plan were performed including installation of ozone injection points, connection of injection points to ozone generation equipment, field testing of ozone generation equipment, and collection of pilot study baseline spring/surface water and ambient air samples.

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 April 21, 2009. The SVE system operated for approximately 417 hours during the month of April 2009. An estimated 136 pounds of VOCs were removed by the SVE system in April 2009. 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 G132-2043, dated May 7, 2009 (sample collected April 21, 2009).
- An estimated 5,796 pounds of VOCs have been removed by the SVE system since its initial operation on July 20, 2006.
- The following activities related to implementing the Supplemental Removal Action Plan were performed:
 - Start up of ozone injection system;
 - Collection of monthly spring and surface water samples; and
 - Operational and maintenance activities related to the ozone pilot study equipment.

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.
- Scheduled operational and maintenance activities related to the ozone pilot study will be performed.
- Monthly spring/surface water sampling related to the ozone injection pilot study will be performed.



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

Report Number: G132-2043

Client Project: Mills Gap Road

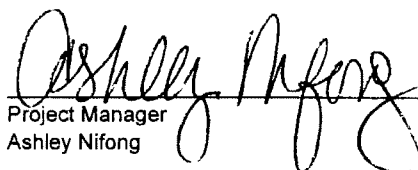
Dear Susan Kelly,

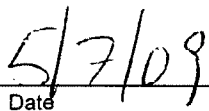
Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period 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 services performed during this project, please call Ashley Nifong 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.

Sincerely,
SGS Environmental Services, Inc.


Project Manager
Ashley Nifong


Date

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification 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: MG42B-4/21/2009

Client Project ID: Mills Gap Road

Lab Sample ID: G132-2043-4A

Lab Project ID: G132-2043

Analyzed By: DCS

Date Collected: 4/21/2009 13:39

Date Received: 4/22/2009

Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed
Benzene	BQL	0.4	1	5/6/2009
Bromochloromethane	BQL	0.4	1	5/6/2009
Bromodichloromethane	BQL	0.4	1	5/6/2009
Bromoform	BQL	0.4	1	5/6/2009
Carbon tetrachloride	BQL	0.4	1	5/6/2009
Chlorobenzene	BQL	0.4	1	5/6/2009
Chloroform	BQL	0.4	1	5/6/2009
Dibromochloromethane	BQL	0.4	1	5/6/2009
1,2-Dibromoethane (EDB)	BQL	0.4	1	5/6/2009
1,2-Dichlorobenzene	BQL	0.4	1	5/6/2009
1,3-Dichlorobenzene	BQL	0.4	1	5/6/2009
1,4-Dichlorobenzene	BQL	0.4	1	5/6/2009
1,1-Dichloroethane	BQL	0.4	1	5/6/2009
1,1-Dichloroethene	BQL	0.4	1	5/6/2009
1,2-Dichloroethane	BQL	0.4	1	5/6/2009
cis-1,2-Dichloroethene	BQL	0.4	1	5/6/2009
trans-1,2-dichloroethene	BQL	0.4	1	5/6/2009
1,2-Dichloropropane	BQL	0.4	1	5/6/2009
cis-1,3-Dichloropropene	BQL	0.4	1	5/6/2009
trans-1,3-Dichloropropene	BQL	0.4	1	5/6/2009
Diisopropyl ether	BQL	0.4	1	5/6/2009
Ethylbenzene	BQL	0.4	1	5/6/2009
Methyl-tert-butyl ether	BQL	0.4	1	5/6/2009
Styrene	BQL	0.4	1	5/6/2009
1,1,2,2-Tetrachloroethane	BQL	0.4	1	5/6/2009
Tetrachloroethene	BQL	0.4	1	5/6/2009
Toluene	BQL	0.4	1	5/6/2009
Trichloroethene	BQL	0.4	1	5/6/2009
1,1,1-Trichloroethane	BQL	0.4	1	5/6/2009
1,1,2-Trichloroethane	BQL	0.4	1	5/6/2009
m-,p-Xylene	BQL	0.8	1	5/6/2009
o-Xylene	BQL	0.4	1	5/6/2009

Comments:

Quantitation at 25°C and 1 atm.

Flags:

BQL = Below quantitation limit.

Reviewed By: 



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1		CLIENT: MACTEC		SGS Reference: 4132-2043		PAGE 1 OF 1					
CONTACT: Susan Kelly		PHONE NO.: (828) 252-8130									
PROJECT: Mills Gap Road		SITE/PWSID#:									
REPORTS TO: 1308 Patton Ave		E-MAIL: Setkelly@macltec.com									
INVOICE TO: Asheville, NC 28806		FAX NO.: (828) 251-9690									
QUOTE #		P.O. NUMBER 200816692									
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No	SAMPLE TYPE	Preservatives Used	C	KAO	Analysis Required	REMARKS
	MG42A - 4/21/09	4-21-09	1323	air	1	S					
	MG42B - 4/21/09	4-21-09	1323	air	1	S					
	MG42A - 4/21/09	4-21-09	1339	air	1	S					
	MG42B - 4/21/09	4-21-09	1339	air	1	S					
2											
3											
4											
5											
Collected/Relinquished By: (1) K. W. [Signature]		Date	Time	Received By:	Date	Time	Shipping Carrier: Fed Ex		Samples Received Cold? (Circle) YES NO		
Relinquished By: (2)		Date	Time	Received By:	Date	Time	Shipping Ticket No: 864012589		Temperature (C): 18.5		
Relinquished By: (3)		Date	Time	Received By:	Date	Time	Special Deliverable Requirements:		Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT		
Relinquished By: (4)		Date	Time	Received By:	Date	Time	Special Instructions: Assume 10 liters of air				
		Date	Time	Received By:	Date	Time	A = initial tube B = breakthrough tube				
		Date	Time	Received By:	Date	Time	Requested Turnaround Time:		<input type="checkbox"/> RUSH <input checked="" type="checkbox"/> STD		
		Date	Time	Received By:	Date	Time	Date Needed				