



engineering and constructing a better tomorrow

May 13, 2010

Mr. Frank Sowers  
Project Manager  
New York State Department of Environmental Conservation  
Region 8 – Division of Environmental Remediation  
6274 East Avon-Lima Road  
Avon, NY 14414

Subject: **VCA Index # B8-0508-97-02**  
**Former Taylor Instrument Facility**  
**April 2010 Progress Report**  
**MACTEC Project 3031-05-2006**

Dear Mr. Sowers:

In accordance with Section II of the Taylor VCA, attached please find the April 2010 progress report.

Should you have any questions, please contact me at (865) 588-8544 or RARyan@mactec.com.

Sincerely,

MACTEC Engineering and Consulting, Inc.

Handwritten signature of Ricky A. Ryan in blue ink.

Ricky A. Ryan, P.E.  
Senior Principal Project Manager

Handwritten signature of K. Joe Deatherage in blue ink.

K. Joe Deatherage  
Senior Environmental Engineer

[993]

cc: Bart Putzig, NYSDEC (electronic)  
James D. Charles, NYSDEC (electronic)  
Katherine Comerford, NYSDOH (electronic)  
Jeffrey Kosmala, MCHD  
Jean McCreary, Nixon Peabody LLP  
David McAdams, Thermo Fisher Scientific  
Nelson Walter, MACTEC (electronic)  
Melody Christopher, ABB (electronic)

Enclosure

## **Progress Report – April 2010 Voluntary Cleanup of Former Taylor Instruments Facility**

---

### **I. Introduction**

In accordance with Section II of the Voluntary Cleanup Agreement (the Agreement) between Combustion Engineering (C-E) and the New York State Department of Environmental Conservation (NYSDEC), Agreement Index Number B8-0508-97-02, MACTEC Engineering and Consulting, Inc. (MACTEC), on behalf of C-E, has prepared this monthly progress report. The progress report is intended to supply information described in Items A.1 through A.5 of Section II of the Agreement. It should also be noted that the successor company to C-E is ABB Inc.

As the department is aware, C-E and Thermo Fisher Scientific Company (formerly Fisher Scientific LLC) have reached an agreement through which C-E will take the lead on all on-site activities, while Thermo Fisher Scientific will take the lead on all off-site activities.

### **II. Description of Actions Taken Toward Compliance with Agreement [A.1]**

During the reporting period, C-E undertook the following actions towards achieving compliance with the Agreement:

- As recommended in the *Accelerated Bioremediation Pilot Test Final Report*, dated January 4, 2008, the remediation system remained shut down in April 2010.
- ABB issued a notification letter of results to the owner/tenant of 15 Lynchford Park B. The notification letter provided a summary of the results from the sub-slab vapor and indoor air investigation conducted in March 2010. Additionally, MACTEC conducted a follow-up visit to the affected residence on April 27, 2010. As requested in the NYSDEC letter dated January 7, 2010, MACTEC has included a copy of the preliminary analytical results summary for this residence.
- MACTEC conducted fieldwork to collect additional samples from the residence at 195 Danforth Street as detailed in the addendum to the *Work Plan for Sub-Slab Vapor and Indoor Air Investigation*. The samples were collected during April 27-28, 2010.
- Following several previous attempts to obtain access, a certified letter requesting access to perform sub-slab and indoor air sampling at 7 Lynchford Park B was sent to the owner on April 15, 2010.
- MACTEC responded to NYSDEC questions related to the Department's review of the *Work Plan for Sub-Slab Vapor and Indoor Air Investigation*.

Thermo Fisher Scientific's activities related to off-site activities in April are listed below.

- None.

### **III. Summary of Sampling and Testing Results [A.2]**

Quarterly effluent water samples related to the groundwater remediation system have been routinely collected and reported to Monroe County Pure Waters (MCPW) in accordance with MCPW Sewer Use Permit #861. Effluent sampling has been suspended while the remediation system remains shut down during accelerated bioremediation.

**Progress Report – April 2010**  
**Voluntary Cleanup of Former Taylor Instruments Facility**

---

**IV. Required Deliverables Submitted [A.3]**

- None.

**V. Scheduled Future Actions [A.4]**

- Additional sub-slab vapor and indoor air samples may be collected from 7 Lynchford Park B, contingent upon the granting of access by the owner.
- Upon completion of all sub-slab vapor and indoor air investigation activities, MACTEC will submit a comprehensive report of the results.
- As requested in the NYSDEC letter dated January 7, 2010, MACTEC will include the preliminary analytical results summary for the recently collected samples from 195 Danforth Street as an attachment to the May monthly report.
- Following the Department’s review of the *Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System*, and resolution of any comments, MACTEC will begin planning for implementation of the work.

**VI. Percentage Completion/Delays [A.5]**

The following table summarizes percentage completion, expected delays, and mitigative measures for items specified in the Agreement and other major actions. For items prior to calendar year 2003, see monthly progress reports dated June 2003 or earlier.

<b>Item</b>	<b>Status</b>	<b>Delays Anticipated or Encountered</b>	<b>Mitigative Measures, Comments</b>
Final Engineering Report (Final), Mercury and VOC Remediation	100%	Completed.	Document was approved, assignable release and covenant not to sue issued by NYSDEC via letter dated September 2, 2005.
First Quarterly Groundwater Monitoring Report, 2003	100%	Completed.	None.
Second Quarter Groundwater Monitoring Report, 2003	100%	Completed.	None.
Third Quarter Groundwater Monitoring Report, 2003	100%	Completed.	None.
Fourth Quarter Groundwater Monitoring Report, 2003	100%	Completed.	None.
First Period 2004 Semi-Annual Groundwater Monitoring Report	100%	Completed.	None.

**Progress Report – April 2010**  
**Voluntary Cleanup of Former Taylor Instruments Facility**

---

<b>Item</b>	<b>Status</b>	<b>Delays Anticipated or Encountered</b>	<b>Mitigative Measures, Comments</b>
Second Period 2004 Semi-Annual Groundwater Monitoring Report	100%	Completed.	None.
Annual Groundwater Monitoring Report, 2005	100%	Completed.	None.
Annual Groundwater Monitoring Report, 2006	100%	Completed.	None.
DPVE Remedial System Operation	Shut down	Ongoing.	System operation started in December 2000 and was suspended in May 2006.
Accelerated Bioremediation Pilot Test	100%	Completed.	None.
2009 Soil Vapor Investigation	100%	Completed.	None.
2010 Sub-Slab Vapor & Indoor Air Investigation	85%	Ongoing.	Scope of investigation expanded in March 2010, to add three additional residences.
Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System	100%	None.	Awaiting NYSDEC review comments and/or approval.

**VII. Proposed Investigative/Remedial Work Plan Modifications [A.6]**

None.

April 1, 2010

Joe Deatherage  
Mactec, Inc - TN  
9725 Cogdill Road  
Knoxville, TN 37932

Project Location: Rochester, NY  
Client Job Number:  
Project Number: 3031052006.12  
Laboratory Work Order Number: 10C0770

Enclosed are results of analyses for samples received by the laboratory on March 31, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom  
Project Manager



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Mactec, Inc - TN  
9725 Cogdill Road  
Knoxville, TN 37932  
ATTN: Joe Deatherage

REPORT DATE: 4/1/2010

PURCHASE ORDER NUMBER: 201001132

PROJECT NUMBER: 3031052006.12

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 10C0770

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Rochester, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SS-06	10C0770-01	Sub Slab	1 Slynchord Park B-Sub Slab Vapor	EPA TO-15	
IA-06	10C0770-02	Indoor air	1 Slynchord Park B-Indoor Air	EPA TO-15	
IA-06 DUP	10C0770-03	Indoor air	1 Slynchord Park B-Indoor Air	EPA TO-15	
AA-04	10C0770-04	Ambient Air	1 Slynchord Park B-Ambient Outdoor Air	EPA TO-15	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "M. Erickson", is written in a cursive style.

Michael A. Erickson  
Laboratory Director

**ANALYTICAL RESULTS**

Project Location: Rochester, NY  
 Date Received: 3/31/2010  
**Field Sample #: SS-06**  
**Sample ID: 10C0770-01**  
 Sample Matrix: Sub Slab  
 Sampled: 3/30/2010 16:42

Sample Description/Location: 1 Slynchord Park B-Sub Slab Vapor  
 Sub Description/Location:  
 Canister ID: 1448  
 Canister Size: 6 liter  
 Flow Controller ID: 3101  
 Sample Type: 24 hr

**Work Order: 10C0770**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -1.7  
 Receipt Vacuum(in Hg): -1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	3/31/10	22:36	WSD
Tetrachloroethylene	0.18	0.10		1.2	0.68	2	3/31/10	22:36	WSD
Trichloroethylene	0.38	0.10		2.0	0.54	2	3/31/10	22:36	WSD
Vinyl Chloride	ND	0.10		ND	0.26	2	3/31/10	22:36	WSD
Surrogates	% Recovery			% REC Limits					
4-Bromofluorobenzene (1)	93.8			70-130				3/31/10 22:36	



**ANALYTICAL RESULTS**

Project Location: Rochester, NY  
 Date Received: 3/31/2010  
**Field Sample #: IA-06**  
**Sample ID: 10C0770-02**  
 Sample Matrix: Indoor air  
 Sampled: 3/30/2010 17:08

Sample Description/Location: 1 Slynchord Park B-Indoor Air  
 Sub Description/Location:  
 Canister ID: 1320  
 Canister Size: 6 liter  
 Flow Controller ID: 3420  
 Sample Type: 24 hr

**Work Order: 10C0770**  
 Initial Vacuum(in Hg): -29.4  
 Final Vacuum(in Hg): -11.0  
 Receipt Vacuum(in Hg): -11  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	3/31/10 20:30		WSD
Tetrachloroethylene	0.14	0.035		0.95	0.24	0.702	3/31/10 20:30		WSD
Trichloroethylene	ND	0.035		ND	0.19	0.702	3/31/10 20:30		WSD
Vinyl Chloride	ND	0.035		ND	0.089	0.702	3/31/10 20:30		WSD
Surrogates	% Recovery			% REC Limits					
4-Bromofluorobenzene (1)	93.8			70-130			3/31/10 20:30		

**ANALYTICAL RESULTS**

Project Location: Rochester, NY  
 Date Received: 3/31/2010  
**Field Sample #: IA-06 DUP**  
**Sample ID: 10C0770-03**  
 Sample Matrix: Indoor air  
 Sampled: 3/30/2010 17:08

Sample Description/Location: 1 Slynchord Park B-Indoor Air  
 Sub Description/Location:  
 Canister ID: 1158  
 Canister Size: 6 liter  
 Flow Controller ID: 3082  
 Sample Type: 24 hr

**Work Order: 10C0770**  
 Initial Vacuum(in Hg): -29.4  
 Final Vacuum(in Hg): -6.0  
 Receipt Vacuum(in Hg): -4  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	3/31/10 21:13		WSD
Tetrachloroethylene	0.15	0.035		1.0	0.24	0.702	3/31/10 21:13		WSD
Trichloroethylene	ND	0.035		ND	0.19	0.702	3/31/10 21:13		WSD
Vinyl Chloride	ND	0.035		ND	0.089	0.702	3/31/10 21:13		WSD
Surrogates	% Recovery			% REC Limits					
4-Bromofluorobenzene (1)	92.8			70-130			3/31/10 21:13		

**ANALYTICAL RESULTS**

Project Location: Rochester, NY  
 Date Received: 3/31/2010  
**Field Sample #: AA-04**  
**Sample ID: 10C0770-04**  
 Sample Matrix: Ambient Air  
 Sampled: 3/30/2010 18:20

Sample Description/Location: 1 Slynchord Park B-Ambient Outdoor Air  
 Sub Description/Location:  
 Canister ID: 1017  
 Canister Size: 6 liter  
 Flow Controller ID: 3060  
 Sample Type: 24 hr

**Work Order: 10C0770**  
 Initial Vacuum(in Hg): -29.2  
 Final Vacuum(in Hg): -11.0  
 Receipt Vacuum(in Hg): -10  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	3/31/10 21:59		WSD
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	3/31/10 21:59		WSD
Trichloroethylene	0.17	0.035		0.91	0.19	0.702	3/31/10 21:59		WSD
Vinyl Chloride	ND	0.035		ND	0.089	0.702	3/31/10 21:59		WSD
Surrogates	% Recovery			% REC Limits					
4-Bromofluorobenzene (1)	93.4			70-130			3/31/10 21:59		

**Sample Extraction Data**

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
10C0770-01 [SS-06]	B012085	1	1	N/A	1000	400	200	03/31/10
10C0770-02 [IA-06]	B012085	1.5	1	N/A	1000	400	855	03/31/10
10C0770-03 [IA-06 DUP]	B012085	1	1	N/A	1000	400	570	03/31/10
10C0770-04 [AA-04]	B012085	1.5	1	N/A	1000	400	855	03/31/10

**QUALITY CONTROL**

**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	Limit	
<b>Batch B012085 - TO-15 Prep</b>										
<b>Blank (B012085-BLK1)</b>					Prepared & Analyzed: 03/31/10					
cis-1,2-Dichloroethylene	ND	0.035								
Tetrachloroethylene	ND	0.035								
Trichloroethylene	ND	0.035								
Vinyl Chloride	ND	0.035								
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.68</i>				<i>8.00</i>		<i>96.0</i>	<i>70-130</i>		
<b>LCS (B012085-BS1)</b>					Prepared & Analyzed: 03/31/10					
cis-1,2-Dichloroethylene	4.62				5.00		92.4	70-130		
Tetrachloroethylene	5.20				5.00		104	70-130		
Trichloroethylene	4.81				5.00		96.1	70-130		
Vinyl Chloride	4.83				5.00		96.6	70-130		
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.69</i>				<i>8.00</i>		<i>96.1</i>	<i>70-130</i>		

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
cis-1,2-Dichloroethylene	AIHA,FL,NY
Tetrachloroethylene	AIHA,FL,NJ,NY
Trichloroethylene	AIHA,FL,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2010
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2010
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2010
FL	Florida Department of Health	E871027 NELAP	06/30/2010
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2010
WA	State of Washington Department of Ecology	C2065	02/23/2011



Phone: 413-525-2332

Fax: 413-525-6405

Email: info@contestlabs.com

www.contestlabs.com

# AIR SAMPLE CHAIN OF CUSTODY RECORD

10C0770

39 SPRUCE ST

EAST LONGMEADOW, MA 01028

Page \_\_\_\_ of \_\_\_\_

Company Name: MACTEC  
 Address: 9725 Cogdill Rd  
Knoxville, TN 37932  
 Attention: Joe Deatherage  
 Project Location: Rochester, NY  
 Sampled By: Joe Deatherage / Rick Walzak

Telephone: (865) 218-1049  
 Project # 3031052006-12  
 Client PO # TBP

**DATA DELIVERY (check one):**  
 FAX  EMAIL  WEBSITE CLIENT

Fax # : \_\_\_\_\_  
 Email: KJDeatherage@MACTEC.COM  
 Format:  EXCEL  PDF  GIS KEY  OTHER \_\_\_\_\_

**Date Sampled** ONLY USE WHEN USING PUMPS

Start	Stop	Total	Flow Rate	Volume
-------	------	-------	-----------	--------

ANALYSIS REQUESTED	" Hg		Please fill out completely, sign, date and retain the yellow copy for your record.
	Initial	Final	
PCE, TCE, CS-12-DCE, Vanilchloride by TO-15			Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.
			Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.
			Summa Canister ID
			Flow Controller ID

Proposal Provided? (For Billing purposes)  
 yes \_\_\_\_\_ proposal date

Field ID	Sample Description	Media	Lab #	Date Time	Date Time	Minutes Sampled	M <sup>3</sup> /Min. or L / Min.	Liters or M <sup>3</sup>	Matrix Code*	Summa Canister ID	Flow Controller ID
SS-06	ISKynohad Park	Sub Slab	01	3-29-10 1737	3-30-10 1642				SS	1448	3101
IA-06	"	Indoor Air	02	3-29-10 1746	3-30-10 1708				IA	1158	3082
DUP-02	"	Indoor Air	03	3-29-10 1746	3-30-10 1708				D	1158	3082
AA-04	"	Ambient Outdoor Air	04	3-29-10 1810	3-30-10 1820				AMB	1017	3060

Laboratory Comments:  
 \*Sample ID updated to IA-06 Dup per Joe D. # 3/31/10

CLIENT COMMENTS:  
 - Run only PCE, CS-12-DCE, TCE, and VC by TO-15  
 - 24 hr turn please !!

Relinquished by: (signature) <u>Joe Deatherage</u>	Date/Time: 3-30-10/1830	<b>Turnaround **</b> <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input type="checkbox"/> Other _____ <b>RUSH *</b> <input checked="" type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day *Approval Required	<b>Special Requirements</b> Regulations: <u>NYS DEC</u> Data Enhancement/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N Enhanced Data Package <input checked="" type="checkbox"/> Y <input type="checkbox"/> N (Surcharge Applies) Required Detection Limits: <u>0.25 ug/m<sup>3</sup> IA</u> Other: <u>1.0 mg/m<sup>3</sup> SS</u> <u>DUP</u> <u>AA</u>	<b>*Matrix Code:</b> SG= SOIL GAS IA= INDOOR AIR AMB=AMBIENT SS = SUB SLAB D = DUP BL = BLANK O = other _____	<b>**Media Codes:</b> S=summa can TB=tedlar bag P=PUF T=tube F= filter C=cassette O = Other _____
Received by: (signature) <u>Andrew Anderson</u>	Date/Time: 3/3/10 11:40				
Relinquished by: (signature)	Date/Time:				
Received by: (signature)	Date/Time:				

Page 12 of 16



FedEx Express US Airbill

8692 4836 1656

0200

Form ID No.

FedEx Retrieval Copy

From Date 3-30-10 Sender's FedEx Account Number 1096-1350-9

Sender's Name Joe Deatherage Phone 865 414-0351

Company MACTEC

Address 9725 Cordill Rd

City Knoxville State TN ZIP 37932

Your Internal Billing Reference 303105 2000-12

To Recipient's Name Con Test Phone 413 525-2322

Company Con Test

Recipient's Address 39 Spruce St.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address In request a package be held at a specific FedEx location, print FedEx address here. City Longmeadow State MA ZIP 01028



8692 4836 1656

4a Express Package Service Packages up to 150 lbs!

- 1 FedEx Priority Overnight Next business morning... 5 FedEx Standard Overnight Next business afternoon... 6 FedEx First Overnight Earliest next business morning...

4b Express Freight Service Packages over 150 lbs.

- 7 FedEx 1Day Freight Next business day... 8 FedEx 2Day Freight Second business day... 83 FedEx 3Day Freight Third business day...

5 Packaging

- 6 FedEx Envelope 2 FedEx Pak 3 FedEx Box 4 FedEx Tube 1 Other

6 Special Handling

- 3 SATURDAY Delivery Not available for FedEx Standard Overnight... 1 HOLD Weekday at FedEx Location Not available for FedEx First Overnight... 31 HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked. No 4 Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. 6 Dry Ice Dry Ice, 9 UN 1845. Cargo Aircraft Only.

7 Payment Bill to:

- 1 Sender Acct. No. in Section 1 will be billed. 2 Recipient 3 Third Party 4 Credit Card 5 Cash/Check



Total Packages 1 Total Weight 16.05

\*Our liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- No Signature Required Package may be left without obtaining a signature for delivery. 10 Direct Signature Someone at recipient's address may sign for delivery. Fee applies. 34 Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

520

Rev. Date 10/06/Part #158281 ©1984-2006 FedEx® PRINTED IN U.S.A. SRY



## Detailed Results

Tracking no.: 869248361656

Select time format: 12H

**Delivered**
**Delivered**  
 Signed for by: A.ANDERSON

## Shipment Dates

## Destination

Ship date Mar 30, 2010

Signature Proof of Delivery

Delivery date Mar 31, 2010 11:40 AM

## Shipment Facts

Service type	Standard Overnight	Delivered to	Shipping/Receiving
Weight	17.0 lbs/7.7 kg	Reference	3031052006-12

## Shipment Travel History

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 31, 2010 11:40 AM	<b>Delivered</b>		
Mar 31, 2010 7:47 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Mar 31, 2010 7:39 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Mar 31, 2010 6:49 AM	At dest sort facility	EAST GRANBY, CT	
Mar 31, 2010 3:19 AM	Departed FedEx location	MEMPHIS, TN	
Mar 30, 2010 11:15 PM	Arrived at FedEx location	MEMPHIS, TN	
Mar 30, 2010 9:05 PM	Left FedEx origin facility	ROCHESTER, NY	
Mar 30, 2010 7:53 PM	Picked up	ROCHESTER, NY	



www.contestlabs.com

39 Spruce Street  
East Longmeadow, MA  
Phone: 1-413-525-2332  
Fax: 1-413-525-6405

### AIR ONLY RECEIPT CHECKLIST

CLIENT NAME: Mactee  
RECEIVED BY: MA DATE: 3-31-10

- 1. Was chain of custody relinquished and signed?  YES  NO
- 2. Does Chain agree with samples?  YES  NO

If not, explain: \_\_\_\_\_

- 3. All Samples in good condition?  YES  NO

If not, explain: \_\_\_\_\_

- 4. Are there any on hold samples? YES  NO  STORED WHERE: \_\_\_\_\_

- 5. ARE THERE ANY RUSH OR SHORT HOLDING TIME SAMPLES? WHO WAS NOTIFIED? BL DATE 3-31-10 TIME \_\_\_\_\_

Location where samples are stored: AIR LAB

Permission to sub-contract samples? Yes  No  (circle)  
(Walk in clients only) if not already approved.  
Client Signature \_\_\_\_\_

CONTAINERS SENT TO CON-TEST	# of containers
Summa cans	4
Tedlar Bags	
Regulators	4
Restrictors	
Tubes	
Other	

- 1. Was all media (used & unused) checked into the WASP asset management program?
- 2. Were all returned summa cans, restrictors, & regulators documented as returned in the AIR Lab Outbound excel sheet?
- 3. Were the Lab ID's documented in the Air Lab Outbound excel sheet?
- 4. Was the job documented in the Air Lab Log-In Access Database? N/A

Laboratory comments:  
\_\_\_\_\_  
\_\_\_\_\_



# Air Sampling Media Certificate of Analysis

**Company Name:** Mactec **Project Reference:** 30310S2006-12

**Contact Name:** Joe Deatherage **Date Analyzed:** 3/23/2010

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Tubes*   
*Flow Controllers*  *Other*

**Media IDs:** BC1340 \_\_\_\_\_  
BC1818 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Note:** *Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.*

**Units:**  PPBv  Ug/M3  Ng  Other

<0.08	Propene	<0.02	c-1,2-Dichloroethylene	<0.02	Toluene
<0.02	Dichlorodifluoromethane	<0.08	Vinyl acetate	<0.02	2-Hexanone (MBK)
<0.02	Chloromethane	<0.02	Hexane	<0.02	Dibromchloromethane
<0.02	Freon 114	<0.02	Ethyl acetate	<0.02	1,2-Dibromomethane
<0.02	Vinyl chloride	<0.02	Chloroform	<0.02	Tetrachloroethylene
<0.04	1,3-Butadiene	<0.02	Tetrahydrofuran	<0.02	Chlorobenzene
<0.02	Bromomethane	<0.02	1,2-Dichloroethylene	<0.02	Ethylbenzene
<0.02	Chloroethane	<0.02	1,1,1-Trichloroethane	<0.04	m,p-Xylenes
<0.08	Acetone	<0.02	Benzene	<0.02	Bromoform
<0.02	Trichlorofluoromethane	<0.02	Carbon Tetrachloride	<0.02	Styrene
<0.08	Ethanol	<0.02	Cyclohexane	<0.02	o-Xylene
<0.02	1,1-Dichloroethylene	<0.02	1,2-Dichloropropane	<0.02	1,1,2,2-Tetrachloroethane
<0.08	Methylene chloride	<0.02	Bromodichloromethane	<0.02	4-Ethyltoluene
<0.02	Freon 113	<0.02	Trichloroethylene	<0.02	1,3,5-Trimethylbenzene
<0.02	Carbon disulfide	<0.08	1,4-Dioxane	<0.02	1,2,4-Trimethylbenzene
<0.02	t-1,2-Dichloroethylene	<0.02	Heptane	<0.02	1,3-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	MIBK	<0.02	Benzyl chloride
<0.02	MTBE	<0.02	c-1,3-Dichloropropylene	<0.02	1,4-Dichlorbenzene
<0.04	IPA	<0.02	t-1,3-Dichloropropylene	<0.02	1,2-Dichlorobenzene
<0.04	2-Butanone (MEK)	<0.02	1,1,2-Trichloroethylene	<0.02	1,2,4-Trichlorobenzene
				<0.02	Hexachlorobutadiene

**Special Notes:** 10C0770

**Analyst Initials/Date:** WD 4-1-10