Fw: Indoor Air Quality - Montgomery County Commission

Scott Miller to: Debbie Jourdan 02/22/2011 08:53 AM

History: This message has been replied to.

Debbie,
Good morning, would you save this to SDMS in the Capital City Plume file? Also, could you have someone burn all of these files to CD and provide me with the CD?
Thanks,
Scott Miller
Remedial Project Manager
Superfund Division
Superfund Remedial Branch
Section C
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303
Phone (404) 562-9120
Fax (404) 562-8896
----- Forwarded by Scott Miller/R4/USEPA/US on 02/22/2011 08:52 AM -----

From: "Donald Mims" <DonaldMims@mc-ala.org>
To: <zdg1@cdc.gov>, Scott Miller/R4/USEPA/US@EPA
Cc: "John Mitchell" <JohnMitchell@mc-ala.org>, "Scott Kramer" <ScottKramer@mc-ala.org>, "DiDi Henry" <DIDIHENRY@mc-ala.org>, "Haynes Kelley" <hkelley@emcinc.net>
Date: 02/15/2011 05:11 PM
Subject: Indoor Air Quality - Montgomery County Commission

Mr. Sudweeks,

I have attached several documents identifying the results of our testing. In addition, I have included a recent letter to the State Health Department that summarizes our recent activities. Let me know if you have any questions.

Donald L. Mims
County Administrator
Montgomery County Commission
(334) 832-1210 (o)
(334) 850-9131 (c)

donaldmims@mc-ala.org
www.mc-ala.org

2, Benzene Analyses, 5 indoor Locations, 8_30_10.pdf
7, VOC Scan, 5 Post-cleaning Air Samples, 10_4_10.pdf
8a, TO-15 Report.pdf
8c, Identified Target Compounds.pdf
1, CO2, Purchasing Dir Office, Aug '10.pdf

letter.pdf data.pdf 9, Formaldehyde Analyses, 1_5_11.pdf 10, Sewer Gas Analyses, 1_18_11.pdf

Letter to Williamson Regarding Health Concerns in Purchasing Dept (2).doc

Sutherland

Environmental Company, Inc.

2515 5th Avenue South
Birmingham, AL 35233
205-581-9500

Client:	EMC	Report Date:	September 2, 2010
Attention:	Mr. Haynes Kelley	Reference #	23062
Address:	2027 Chestnut St.	P.O. #	MA-3082
	Montgomery, AL 36106	Project ID:	Montgomery County, Annex III

Sample Matrix:	air/Tedlar bag	Analytical	
Date Received:	8/31/10	Analyst:	Heard / Hageman
Date/Time Collected:	8/30/10 @ 1032-1112	Date/Time of Analysis:	9/1/10 @ 1145-1347
Sample Collector:	Haynes Kelley	Method:	***SW846 Method 8260 Modified for air***

VOLATILE ORGANICS BENZENE

	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID		
	3082-01	3082-02	3082-03	3082-04	3082-05		Practical
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID		Quantitation
Organic, PPMV	118356	118357	118358	118359	118360		Limit, ppmv
Benzene	BDL	BDL	BDL	BDL	BDL		0.31

BDL = Below Detection Limit, practical
All results expressed as ppmv (air) based on density of each analyte

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Sutherland
Environmental Company, Inc.
2515 5th Avenue South
B'HAM, AL 35233
PHONE (205)581-9500 FAX (205)581-9504
E-Mail: suthlab@bellsouth.net

CHAIN OF CUSTODY
ANALYSIS REQUEST

Client P.O. #

SEND REPORT TO:
Name/Co.: Environmental-Materials Consultants, Inc.
Address: 2027 Chestnut Street
Montgomery, AL 36106
Phone# / Cell#: 334-265-4000
E-mail: hkelley@emcinc.net
PDF Results: yes no Fax #: 334-265-4043

CLIENT: Environmental-Materials Consultants, Inc.
PROJECT: Montgomery County, Annex III, MA-3082
SAMPLER(S): (print) Haynes Kelley

DATE DELIVERED:

ANALYSIS REQUESTED / METHOD

LAB ID	FIELD ID	DATE Collected	TIME Collected	SAMPLE DESCRIPTION (matrix)									Number of sample containers
118356	3082-01	9/30/10	1032	Purchasing Director's Office	benzene								1
118357	3082-02	9/30/10	1036	Purchasing Dept. Entry Lobby	benzene								1
118358	3082-03	9/30/10	1050	outside, roof at air intake	benzene								1
118359	3082-04	9/30/10	1100	Finance Dept.	benzene								1
118360	3082-05	9/30/10	1112	outside, SW corner of building	benzene								
				Preservative:	none								
				Container:	t								

Preservative: (a)HCL, (b)HNO_3, (c)H_2SO_4, (d)NaOH, (e)Zn Acetate
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag

Last revised 8/6/08

Relinquished by Sampler: Signed:	Date	Time	Received by: Signed:	Date	Time
	8/30/10	1600			
Relinquished by: Signed:	Date	Time	Received by: Signed:	Date	Time
Relinquished by: Signed:	Date	Time	Received in Laboratory by: Signed:	Date	Time
				8/31/10	1500

Turn Around Time (please note):
Standard ***RUSH, mark below**
*3-Day *2-Day *Next Day *Same Day

Remarks:

Refrigerated upon receipt: yes no
Invoice # (LAB use only): 23062

Sutherland

Environmental Company, Inc.

2515 5th Avenue South
Birmingham, AL 35233
205-581-9500

Client:	EMC	Report Date:	October 6, 2010
Attention:	Mr. Sam Beckum	Reference #	23255
Address:	2027 Chestnut St.	P.O. #	MA-3082
	Montgomery, AL 36106	Project ID:	Montgomery County, Annex III

Sample Matrix:	Air/Tedlar bag	Analytical	
Date Received:	10/5/10	Analyst:	Hageman/Heard
Date/Time Collected:	10/4/10 @ 1209 - 1225	Date/Time Analysis:	10/5/10 @ 1133 -1330
Sample Collector:	Haynes Kelley	Method:	***SW 846 Method 8260, Modified for Air***

VOLATILE ORGANIC COMPOUNDS

VOLATILE ORGANIC COMPOUNDS, PPMV	FIELD ID 3082-10/4/10-01 LAB ID 119236	FIELD ID 3082-10/4/10-02 LAB ID 119237	FIELD ID 3082-10/4/10-03 LAB ID 119238	FIELD ID 3082-10/4/10-04 LAB ID 119239	FIELD ID 3082-10/4/10-05 LAB ID 119240	Practical Quantitation Limit ppmv
Benzene	BDL	BDL	BDL	BDL	BDL	0.1
Bromobenzene	BDL	BDL	BDL	BDL	BDL	0.1
Bromochloromethane	BDL	BDL	BDL	BDL	BDL	0.1
Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	0.1
Bromoform	BDL	BDL	BDL	BDL	BDL	0.1
Bromomethane	BDL	BDL	BDL	BDL	BDL	0.1
n-Butylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
tert-Butybenzene	BDL	BDL	BDL	BDL	BDL	0.1
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	0.1
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	0.1
Chloroethane	BDL	BDL	BDL	BDL	BDL	0.1
Chloroform	BDL	BDL	BDL	BDL	BDL	0.1
Chloromethane	BDL	BDL	BDL	BDL	BDL	0.1
2-Chlorotoluene	BDL	BDL	BDL	BDL	BDL	0.1
4-Chlorotoluene	BDL	BDL	BDL	BDL	BDL	0.1
Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	0.1
1,2-Dibromo-3-Chloropropane	BDL	BDL	BDL	BDL	BDL	0.1
1,2-Dibromoethane	BDL	BDL	BDL	BDL	BDL	0.1
Dibromomethane	BDL	BDL	BDL	BDL	BDL	0.1
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	0.1
1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	0.1
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	0.1
Dichlorodifluoromethane	BDL	BDL	BDL	BDL	BDL	0.1
1-1,Dichloroethane	BDL	BDL	BDL	BDL	BDL	0.1
1-2,Dichloroethane	BDL	BDL	BDL	BDL	BDL	0.1

Compound List Continued next page

BDL = Below Detection Limit
All results expressed as ppmv, each analyte

Sutherland

Environmental Company, Inc.

2515 5th Avenue South
Birmingham, AL 35233
205-581-9500

Client:	EMC	Report Date:	October 6, 2010
Attention:	Mr. Sam Beckum	Reference #	23255
Address:	2027 Chestnut St.	P.O. #	MA-3082
	Montgomery, AL 36106	Project ID:	Montgomery County, Annex III

Sample Matrix:	Air/Tedlar bag	Analytical	
Date Received:	10/5/10	Analyst:	Hageman/Heard
Date/Time Collected:	10/4/10 @ 1209 - 1225	Date/Time Analysis:	10/5/10 @ 1133 -1330
Sample Collector:	Haynes Kelley	Method:	***SW 846 Method 8260, Modified for Air***

VOLATILE ORGANIC COMPOUNDS

VOLATILE ORGANIC COMPOUNDS, PPMV	FIELD ID 3082-10/4/10-01 LAB ID 119236	FIELD ID 3082-10/4/10-02 LAB ID 119237	FIELD ID 3082-10/4/10-03 LAB ID 119238	FIELD ID 3082-10/4/10-04 LAB ID 119239	FIELD ID 3082-10/4/10-05 LAB ID 119240	Practical Quantitation Limit ppmv
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	0.1
cis-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	0.1
trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	0.1
1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	0.1
1,3- Dichloropropane	BDL	BDL	BDL	BDL	BDL	0.1
2,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	0.1
1,1-Dichloropropene	BDL	BDL	BDL	BDL	BDL	0.1
cis-1-3,Dichloropropene	BDL	BDL	BDL	BDL	BDL	0.1
trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	0.1
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
Hexachlorobutadiene	BDL	BDL	BDL	BDL	BDL	0.1
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
4-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	0.1
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	0.1
Naphthalene	BDL	BDL	BDL	BDL	BDL	0.1
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
Styrene	BDL	BDL	BDL	BDL	BDL	0.1
1,1,1,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	0.1
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	0.1
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	0.1
Toluene	BDL	BDL	BDL	BDL	BDL	0.1
1,2,3-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	0.1
1,2,4-Trichlorobenzene	BDL	BDL	BDL	BDL	BDL	0.1
1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	0.1
1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	0.1

Compound List Continued next page

BDL = Below Detection Limit
All results expressed as ppmv, each analyte

Sutherland

Environmental Company, Inc.

2515 5th Avenue South
Birmingham, AL 35233
205-581-9500

Client:	EMC	Report Date:	October 6, 2010
Attention:	Mr. Sam Beckum	Reference #	23255
Address:	2027 Chestnut St.	P.O. #	MA-3082
	Montgomery, AL 36106	Project ID:	Montgomery County, Annex III

Sample Matrix:	Air/Tedlar bag	Analytical	
Date Received:	10/5/10	Analyst:	Hageman/Heard
Date/Time Collected:	10/4/10 @ 1209 - 1225	Date/Time Analysis:	10/5/10 @ 1133 -1330
Sample Collector:	Haynes Kelley	Method:	***SW 846 Method 8260, Modified for Air***

VOLATILE ORGANIC COMPOUNDS

VOLATILE ORGANIC COMPOUNDS, PPMV	FIELD ID 3082-10/4/10-01 LAB ID 119236	FIELD ID 3082-10/4/10-02 LAB ID 119237	FIELD ID 3082-10/4/10-03 LAB ID 119238	FIELD ID 3082-10/4/10-04 LAB ID 119239	FIELD ID 3082-10/4/10-05 LAB ID 119240	Practical Quantitation Limit ppmv
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	0.1
1,2,3-Trichloropropane	BDL	BDL	BDL	BDL	BDL	0.1
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	0.1
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	0.1
Xylenes, o,m,p	BDL	BDL	BDL	BDL	BDL	0.1

BDL = Below Detection Limit
All results expressed as ppmv, each analyte

/QAQC

ADEM # 41470
EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

23255

Sutherland
Environmental Company, Inc.
2515 5th Avenue South
B'HAM, AL 35233
PHONE (205)581-9500 FAX (205)581-9504
E-Mail: suthlab@bellsouth.net

CHAIN OF CUSTODY
ANALYSIS REQUEST

Client P.O. #

SEND REPORT TO:

Name/Co.: Environmental-Materials Consultants, Inc.
Address: 2027 Chestnut Street
Montgomery, AL 36106
Phone# / Cell#: 334-265-4000
E-mail: hkelley@emcinc.net
PDF Results: yes no Fax #: 334-265-4043

CLIENT: Environmental-Materials Consultants, Inc.
PROJECT: Montgomery County, Annex III, MA-3082
SAMPLER(S): (print) Haynes Kelley

DATE DELIVERED: 10/05/2010

ANALYSIS REQUESTED / METHOD

LAB ID	FIELD ID	DATE Collected	TIME Collected	SAMPLE DESCRIPTION (matrix)									Number of sample containers
119236	3082-10/4/10-01	10/4/10	1209	Mezzanine, Purchasing Dept Lobby	VOC Scan								1
119237	3082-10/4/10-02	10/4/10	1212	Mezzanine, Purchasing Director's Office	VOC Scan								1
119238	3082-10/4/10-03	10/4/10	1217	1st Floor, Purchasing Conference Room	VOC Scan								1
119239	3082-10/4/10-04	10/4/10	1220	1st Fl, HVAC Room serving Purchasing	VOC Scan								1
119240	3082-10/4/10-05	10/4/10	1225	2nd Floor, Probate Office	VOC Scan								1
				Preservative:	none								
				Container:	t								

Preservative: (a)HCL, (b)HNO_3, (c)H_2SO_4, (d)NaOH, (e)Zn Acetate
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag

Last revised 8/6/08

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
Signed:	10/4/10	1630	Signed:	10/5	10:30
Relinquished by:	Date	Time	Received by:	Date	Time
Signed:			Signed:		
Relinquished by:	Date	Time	Received in Laboratory by:	Date	Time
Signed:			Signed:		

Turn Around Time (please note):
Standard ***RUSH, mark below** X
*3-Day *2-Day *Next Day *Same Day

Remarks:

Refrigerated upon receipt: yes no
Invoice # (LAB use only): 23255

USEPA TO-15 Data Report

Client	Report Date
Environmental Materials Consultants 2027 Chestnut Street Montgomery, AL 36106 Attn: Haynes Kelley	11/20/10
	Project Receipt Date
	11/18/10

Client Project ID	EMSL Project ID
MONTGOMERY CO, ANNEX 111	491000976

Sample Summary

EMSL Sample ID	Client Sample ID	Sample Collection Date
491000976-1	3082-11/16/10-01	11/16/2010
491000976-2	3082-11/16/10-02	11/16/2010
491000976-3	3082-11/16/10-03	11/16/2010
491000976-4	3082-11/16/10-04	11/16/2010
491000976-5	3082-11/16/10-05	11/16/2010
491000976-6	3082-11/16/10-06	11/16/2010
491000976-7	3082-11/16/10-07	11/16/2010
491000976-8	3082-11/16/10-08	11/16/2010
491000976-9	3082-11/16/10-09	11/16/2010
491000976-10	3082-11/16/10-10	11/16/2010
491000976-11	3082-11/16/10-11	11/16/2010
491000976-12	3082-11/16/10-12	11/16/2010

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and electronic data has been authorized by the laboratory manager or his/her designee, as verified by the following signature.

Marjorie Howley

11/20/2010

Marjorie Howley
TO-15 Laboratory Manager
EMSL Analytical, Inc

This report shall not be modified or reproduced, except in its entirety, without the written consent of EMSL Analytical, Inc.

TO-15

External Chain of Custody/ Field Test Data Sheet

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-3502

EMSL Order Number (Lab Use Only): 491000976

Report To Contact Name:	HAYNES KELLEY	Bill To Company:	SAME	Sampled By (Sign):	W H Kelley
Company Name:	ENVIRONMENTAL- MATERIALS	Attention To:		Sampled By (Print):	HAYNES KELLEY
Address 1:	2027 CHESTNUT STREET	Address 1:		Total# of Samples in Shipment:	12
Address 2:	MONTGOMERY, AL 36106	Address 2:		Date of Shipment:	11-17-10
Phone : 334-265-4000	Fax : 334-265-4043	Phone :	Fax :	U.S. State Samples Collected:	AL
Email Results To:	hkelley@emcinc.net	Project Name:	MONTGOMERY CO, ANNEX III	Purchase Order:	

Turnaround Time (in Business Days): ☐ 10 Day Standard ☒ 5 Day ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day Other:

Reporting Format: ☒ Results Only (Standard Lab Report) ☐ Full Deliverables (Surcharge may apply) Other:

NJDEP Information (if applicable): Bureau: NJDEP Contract Number: Division:

NJ State Plane Coordinates and Elevation (US Feet) if applicable: SPX Easting: SPY North: Elevation:

EMSL Sample Identifier

Field Use - All Information Required! / Lab Use Only

Sampling Start Information — Barometric Pres. ("Hg): 29.71
Sampling Stop Information — Barometric Pres. ("Hg): 30.10

Client Field Sample Identification	Start Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Stop Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Canister ID	Size (L)	Can Cert Batch ID	Outgoing Pressure ("Hg)	Incoming Pressure ("Hg)	Flow Contoller Reg. ID	Flow Contoller Cal Flow (ml/min)	USEPA TO-15	NJDEP LLTO-15	LIBRARY SEARCH	Other (Specify)	Indoor/ Ambient Air	Soil Gas	Landfill/ Vent	Other:
3082-11/16/10-01	11-16-10	1620	-30.0	70/53	11-17-10	1448	-6.0	75/25	E0466	6	C2205	-29.4	5.2	3528	3.5	X		X		X			
3082-11/16/10-02	↓	1623	-29.5	70/55	↓	1454	-7.0	71/31	E0342	↓	↓	-29.4	-6.0	3505	3.6	X		X		X			
3082-11/16/10-03	↓	1625	-28.8	71/49	↓	1457	-7.2	70/32	E0343	↓	↓	-29.4	-8.0	3524	3.5	X		X		X			
3082-11/16/10-04	↓	1628	-28.8	72/51	↓	1502	-8.3	72/35	E0277	↓	↓	-29.4	-8.2	3601	3.5	X		X		X			
3082-11/16/10-05	↓	1630	-26.5	72/45	↓	1505	-5.0	73/34	E0378	↓	↓	-29.4	-4.6	3506	3.5	X		X		X			
3082-11/16/10-06	↓	1631	-29.5	72/51	↓	1507	-1.1	74/37	E0330	↓	↓	-29.4	-.6	3713	3.6	X		X		X			

10 NOV 18 AM 11:33

Comments:

Laboratory Canister Certification
GC/MS Analyst Signature (TO-15

Relinquished by:	Date/ Time	Received by:	Date/ Time	Affixed Seal #	Reason for Exchange (circle appropriate)
Matt Bell EMSL	11/9/10 14:10	W H Kelley	11/11/10 @ 1215	1777, 78 & 79	Shipping Courier Receiving Sampling Other:
W H Kelley	11/17/10 1645			1780, 81 & 82	Shipping Courier Receiving Sampling Other:
		DMB-EM-915A	11-18-10		Shipping Courier Receiving Sampling Other:
DMB	11-18-10				Shipping Courier Receiving Sampling Other:
		Matt Bell	11/18/10 1230	—	Shipping Courier Receiving Sampling Other: Anl

TO-15

External Chain of Custody/ Field Test Data Sheet

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-3592

EMSL ANALYTICAL, INC. LABORATORY • PRODUCTS • TRAINING

EMSL Order Number (Lab Use Only): 491000976

Report To Contact Name:	HAYNES KELLEY	Bill To Company:	SAME	Sampled By (Sign):	[signature]
Company Name:	ENVIRONMENTAL - MATERIALS	Attention To:		Sampled By (Print):	HAYNES KELLEY
Address 1:	2027 CHESTNUT STREET	Address 1:		Total# of Samples in Shipment:	12
Address 2:	MONTGOMERY, AL 36106	Address 2:		Date of Shipment:	11-17-10
Phone : 334-265-4000	Fax : 334-265-4043	Phone :	Fax :	U.S. State Samples Collected:	AL
Email Results To:	hkelley@emcinc.net	Project Name:	MONTGOMERY CO ANNEX III	Purchase Order:	

Turnaround Time (in Business Days): ☐ 10 Day Standard ☒ 5 Day ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day Other:

Reporting Format: ☐ Results Only (Standard Lab Report) ☐ Full Deliverables (Surcharge may apply) Other:

NJDEP Information (if applicable): Bureau: NJDEP Contract Number: Division:

NJ State Plane Coordinates and Elevation (US Feet) if applicable: SPX Easting: SPY North: Elevation:

Field Use - All Information Required! / Lab Use Only

EMSL Sample Identifier	Client Field Sample Identification	Sampling Start Information (Barometric Pres. ("Hg): 29.71) Start Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampling Stop Information (Barometric Pres. ("Hg): 30.10) Stop Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Canister Information: Canister ID	Size (L)	Can Cert Batch ID	Outgoing Pressure ("Hg)	Incoming Pressure ("Hg)	Flow Contoller: Reg. ID	Cal Flow (ml/min)	USEPA TO-15	NJDEP LLTO-15	LIBRARY SEARCH	Other (Specify)	Indoor/ Ambient Air	Soil Gas	Landfill/ Vent	Other:
	3082-11/16/10-07	11-16-10	1633	-29.9	72/49	11-17-10	1511	-6.2	73/34	E0242 ~~E0230~~	6	C2205	-29.4	-5.6	3714	3.5	X		X		X			
	3082-11/16/10-08	↓	1635	-28.0	72/52	↓	1513	-7.0	73/31	E0415	↓	↓	-29.4	-6.4	3712	3.6	X		X		X			
	3082-11/16/10-09	↓	1642	-30.0	72/49	↓	1517	-6.0	72/43	E0253	↓	↓	-29.4	-5.4	3709	3.5	X		X		X			
	3082-11/16/10-10	↓	1644	-30.0	72/47	↓	1520	-8.2	72/47	E0271	↓	↓	-29.4	-7.6	3537	3.5	X		X		X			
	3082-11/16/10-11	↓	1647	-30.2	72/53	↓	1523	-7.2	72/44	E0463	↓	C2200	-29.4	-5.2	3508	3.5	X		X		X			
	3082-11/16/10-12	↓	1648	-29.0	72/51	↓	1525	-6.8	69/33	E0366	↓	↓	-29.2	-5.8	3705	3.6	X		X		X			

Comments:

Lab Canister Certification Analyst Signature (TO-15):

Relinquished by:	Date/ Time	Received by:	Date/ Time	Affixed Seal #	Reason for Exchange (circle appropriate)
[signature] EMSL	11/9/10 14:10	[signature]	11/11/10 @ 1215	1777, "78, & "79	Shipping Courier Receiving Sampling Other:
[signature]	11/17/10 1645			1780, 81 & 82	Shipping Courier Receiving Sampling Other:
		DMB-FX-915A	11-18-10		Shipping Courier Receiving Sampling Other:
DMB	11-18-10				Shipping Courier Receiving Sampling Other:
		[signature]	11/18/10 1230	—	Shipping Courier Receiving Sampling Other:

49/000976

TO-15 Sample Information

Please fill out this worksheet in addition to the Chain of Custody form. Turnaround time will start after all required information is received.

Company:
ENVIRONMENTAL-MATERIALS CONSULTANTS, INC

Contact Person:

Name: HAYNES KELLEY

E-mail: hkelley@emcinc.net

Additional E-mail:

Telephone #: 334-265-4000 **Fax:** 334-265-4043

Do you want your results emailed? [X] YES [ ] NO

Library Search requested: [X] YES [ ] NO

A library search will identify up to 20 of the largest, non-target peaks that are not part of the standard TO-15 list of 62 compounds. If you are performing an Indoor Air Quality or odor investigation the library search is recommended. If you will need help interpreting your report the library search is REQUIRED. The standard cost is $25/sample. Requests for a library search after the analysis has been completed will cost $75/sample.

Sample Type:

[X] Indoor Air Quality (Home/Office) [ ] Vent Gas [ ] Soil Gas
[ ] IAQ (Industrial) [ ] Other: _____

Description of sample (Important for the lab to achieve your requested turnaround time):
ODOR INVESTIGATION, TEN INSIDE SAMPLES, TWO OUTSIDE SAMPLES

Are there any special detection limits, specific set of compounds, or any other specifics you need in your report? I UNDERSTAND THE DETECTION LIMIT IS 0.5 PPB.
[ ] YES (Please list or attach separate sheet) [X] NO

Do you need any additional analysis on the canister sample? (circle below)

CO Methane CO2 SO2 EtO Nox O2 Other_____

Please note that turnaround time for additional analyses begin after TO-15 is complete.

Sample Retention Policy: All canisters are guaranteed to be retained for one day after results are reported. Please review your results to ensure that your project scope is fully addressed. Cans may be retained for a longer period of time but this is dependant on demand for cans. Arrangements to hold your cans must be made through your customer account representative. Thank you.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-1
Client Sample ID:	3082-11/16/10-01	**Canister ID:**	E0466
Primary Lab File ID:	K5077.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.55**	0.50		**1.1**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**13**	0.50		**24**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**13**	0.50		**31**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**4.9**	0.50		**12**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	**1.3**	0.50		**4.4**	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-1
Client Sample ID:	3082-11/16/10-01	**Canister ID:**	E0466
Primary Lab File ID:	K5077.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.92**	0.50		**3.5**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.9	10	99%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-1TIC
Client Sample ID:	3082-11/16/10-01	**Canister ID:**	E0466
Primary Lab File ID:	K5077.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	3.7	JN	9.9	4.80

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-2
Client Sample ID:	3082-11/16/10-02	**Canister ID:**	E0342
Primary Lab File ID:	K5078.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	2.2	1.0		5.2	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	ND	0.50		ND	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	60	0.50	E	110	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	13	0.50		32	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	7.8	0.50		19	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	0.55	0.50		1.9	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-2
Client Sample ID:	3082-11/16/10-02	**Canister ID:**	E0342
Primary Lab File ID:	K5078.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**1.1**	0.50		**4.0**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.8	10	98%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-2TIC
Client Sample ID:	3082-11/16/10-02	**Canister ID:**	E0342
Primary Lab File ID:	K5078.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	**15**	JN	**39**	4.79
Limonene	000138-86-3	136	**1.1**	JN	**5.8**	28.16

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-3
Client Sample ID:	3082-11/16/10-03	**Canister ID:**	E0343
Primary Lab File ID:	K5079.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.73**	0.50		**1.5**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**51**	0.50	**E**	**95**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**16**	0.50		**39**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**5.8**	0.50		**14**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-3
Client Sample ID:	3082-11/16/10-03	**Canister ID:**	E0343
Primary Lab File ID:	K5079.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.60**	0.50		**2.3**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.0	10	**100%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-3TIC
Client Sample ID:	3082-11/16/10-03	**Canister ID:**	E0343
Primary Lab File ID:	K5079.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	13	JN	35	4.78
Isobutane	000075-28-5	58	3.6	JN	8.6	5.22

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name: MONTGOMERY CO, ANNEX 111 **EMSL ID:** 491000976-4
Client Sample ID: 3082-11/16/10-04 **Canister ID:** E0272

Primary Lab File ID: K5080.D **Dilution Lab File ID:** NA
Analysis Date: 11/19/2010 **Analysis Date:** NA
Sample Vol(ml): 250 **Sample Vol(ml):** NA
Dilution Factor: 1 **Dilution Factor:** NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**1.1**	0.50		**5.4**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	ND	0.50		ND	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**72**	0.50	**E**	**140**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**5.0**	0.50		**12**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**8.4**	0.50		**20**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-4
Client Sample ID:	3082-11/16/10-04	**Canister ID:**	E0272
Primary Lab File ID:	K5080.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**1.1**	0.50		**4.1**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.1	10	**101%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-4TIC
Client Sample ID:	3082-11/16/10-04	**Canister ID:**	E0272
Primary Lab File ID:	K5080.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	11	JN	44	5.23

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name: MONTGOMERY CO, ANNEX 111 **EMSL ID:** 491000976-5
Client Sample ID: 3082-11/16/10-05 **Canister ID:** E0378

Primary Lab File ID: K5082.D **Dilution Lab File ID:** NA
Analysis Date: 11/19/2010 **Analysis Date:** NA
Sample Vol(ml): 250 **Sample Vol(ml):** NA
Dilution Factor: 1 **Dilution Factor:** NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**0.53**	0.50		**2.6**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.65**	0.50		**1.3**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**130**	0.50	**E**	**250**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**12**	0.50		**29**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**6.0**	0.50		**14**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-5
Client Sample ID:	3082-11/16/10-05	**Canister ID:**	E0378
Primary Lab File ID:	K5082.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.88**	0.50		**3.3**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.0	10	**100%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-5TIC
Client Sample ID:	3082-11/16/10-05	**Canister ID:**	E0378
Primary Lab File ID:	K5082.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/19/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**12**	JN	**49**	5.24
Pentane	000109-66-0	72	**1.0**	JN	**3.1**	7.80
Nonanal	000124-19-6	142	**1.4**	JN	**7.8**	29.66

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-6
Client Sample ID:	3082-11/16/10-06	**Canister ID:**	E0330
Primary Lab File ID:	K5083.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**0.72**	0.50		**3.6**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.67**	0.50		**1.4**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**77**	0.50	**E**	**150**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**6.5**	0.50		**16**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**8.0**	0.50		**19**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-6
Client Sample ID:	3082-11/16/10-06	**Canister ID:**	E0330
Primary Lab File ID:	K5083.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.90**	0.50		**3.4**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.9	10	99%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-6TIC
Client Sample ID:	3082-11/16/10-06	**Canister ID:**	E0330
Primary Lab File ID:	K5083.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**16**	JN	**65**	5.24
Nonanal	000124-19-6	142	**1.1**	JN	**6.1**	29.67

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-7
Client Sample ID:	3082-11/16/10-07	**Canister ID:**	E0242
Primary Lab File ID:	K5084.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**0.54**	0.50		**2.7**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.69**	0.50		**1.4**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**170**	0.50	**E**	**320**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**14**	0.50		**34**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**6.2**	0.50		**15**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-7
Client Sample ID:	3082-11/16/10-07	**Canister ID:**	E0242
Primary Lab File ID:	K5084.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**1.2**	0.50		**4.6**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.1	10	**101%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-7TIC
Client Sample ID:	3082-11/16/10-07	**Canister ID:**	E0242
Primary Lab File ID:	K5084.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**16**	JN	**66**	5.24
Nonanal	000124-19-6	142	**1.5**	JN	**8.4**	29.66
Naphthalene	000091-20-3	128	**1.2**	JN	**6.1**	32.96

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-8
Client Sample ID:	3082-11/16/10-08	**Canister ID:**	E0415
Primary Lab File ID:	K5085.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**0.70**	0.50		**3.5**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.64**	0.50		**1.3**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**69**	0.50	**E**	**130**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**13**	0.50		**31**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**7.3**	0.50		**17**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	**0.56**	0.50		**1.9**	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-8
Client Sample ID:	3082-11/16/10-08	**Canister ID:**	E0415
Primary Lab File ID:	K5085.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.70**	0.50		**2.7**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.0	10	**100%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-8TIC
Client Sample ID:	3082-11/16/10-08	**Canister ID:**	E0415
Primary Lab File ID:	K5085.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	9.4	JN	38	5.24
Pentane	000109-66-0	72	1.0	JN	3.0	7.80

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-9
Client Sample ID:	3082-11/16/10-09	**Canister ID:**	E0253
Primary Lab File ID:	K5087.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**0.58**	0.50		**2.9**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.70**	0.50		**1.4**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**71**	0.50	**E**	**130**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**14**	0.50		**35**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**8.7**	0.50		**21**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	**1.1**	0.50		**3.9**	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-9
Client Sample ID:	3082-11/16/10-09	**Canister ID:**	E0253
Primary Lab File ID:	K5087.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.59**	0.50		**2.2**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.8	10	98%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-9TIC
Client Sample ID:	3082-11/16/10-09	**Canister ID:**	E0253
Primary Lab File ID:	K5087.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	20	JN	81	5.23
Butane	000106-97-8	58	2.2	JN	5.3	5.63

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name: MONTGOMERY CO, ANNEX 111 **EMSL ID:** 491000976-10
Client Sample ID: 3082-11/16/10-10 **Canister ID:** E0271

Primary Lab File ID: K5088.D **Dilution Lab File ID:** NA
Analysis Date: 11/20/2010 **Analysis Date:** NA
Sample Vol(ml): 250 **Sample Vol(ml):** NA
Dilution Factor: 1 **Dilution Factor:** NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**2.8**	0.50		**14**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.93**	0.50		**1.9**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**75**	0.50	**E**	**140**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**15**	0.50		**37**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**14**	0.50		**33**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	**0.74**	0.50		**2.2**	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-10
Client Sample ID:	3082-11/16/10-10	**Canister ID:**	E0271
Primary Lab File ID:	K5088.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**1.2**	0.50		**4.4**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	**1.9**	0.50		**13**	3.4
Dibromochloromethane	124-48-1	208.3	**1.2**	0.50		**10**	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	**1.4**	0.50		**6.3**	2.2
Xylene (para, meta)	1330-20-7	106.2	**3.8**	1.0		**16**	4.3
Xylene (Ortho)	95-47-6	106.2	**0.79**	0.50		**3.4**	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.4	10	**104%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-10TIC
Client Sample ID:	3082-11/16/10-10	**Canister ID:**	E0271
Primary Lab File ID:	K5088.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**160**	JN	**640**	5.24
Butane	000106-97-8	58	**3.7**	JN	**8.7**	5.62
Hexanal	000066-25-1	100	**1.2**	JN	**4.9**	22.83
Limonene	000138-86-3	136	**1.1**	JN	**6.0**	28.16

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-11
Client Sample ID:	3082-11/16/10-11	**Canister ID:**	E0463
Primary Lab File ID:	K5089.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**0.72**	0.50		**3.6**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.85**	0.50		**1.8**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**200**	0.50	E	**370**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**65**	0.50	E	**160**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**16**	0.50		**39**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	**0.66**	0.50		**2.0**	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	**0.56**	0.50		**1.9**	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-11
Client Sample ID:	3082-11/16/10-11	**Canister ID:**	E0463
Primary Lab File ID:	K5089.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**1.2**	0.50		**4.5**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	**0.70**	0.50		**4.8**	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	**1.3**	1.0		**5.5**	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	**0.56**	0.50		**2.7**	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.2	10	**102%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-11TIC
Client Sample ID:	3082-11/16/10-11	**Canister ID:**	E0463
Primary Lab File ID:	K5089.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**58**	JN	**240**	5.24
Butane	000106-97-8	58	**12**	JN	**28**	5.63
Pentane	000109-66-0	72	**1.6**	JN	**4.8**	7.81
Hexanal	000066-25-1	100	**1.1**	JN	**4.4**	22.82
Benzaldehyde	000100-52-7	106	**1.3**	JN	**5.4**	27.89
Limonene	000138-86-3	136	**1.8**	JN	**10**	28.16
Undecane	001120-21-4	156	**1.1**	JN	**6.8**	28.54
Nonanal	000124-19-6	142	**1.1**	JN	**6.6**	29.67

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-12
Client Sample ID:	3082-11/16/10-12	**Canister ID:**	E0366
Primary Lab File ID:	K5090.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.66**	0.50		**1.4**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**3.9**	0.50		**7.3**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**0.79**	0.50		**1.9**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**2.8**	0.50		**6.7**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	ND	0.50		ND	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-12
Client Sample ID:	3082-11/16/10-12	**Canister ID:**	E0366
Primary Lab File ID:	K5090.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.54**	0.50		**2.0**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.6	10	96%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	MONTGOMERY CO, ANNEX 111	**EMSL ID:**	491000976-12TIC
Client Sample ID:	3082-11/16/10-12	**Canister ID:**	E0366
Primary Lab File ID:	K5090.D	**Dilution Lab File ID:**	NA
Analysis Date:	11/20/2010	**Analysis Date:**	NA
Sample Vol(ml):	250	**Sample Vol(ml):**	NA
Dilution Factor:	1	**Dilution Factor:**	NA

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Difluorochloromethane	000075-45-6	86	3.2	JN	11	4.83

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Identified Target Compounds*

(concentrations in ppbv)

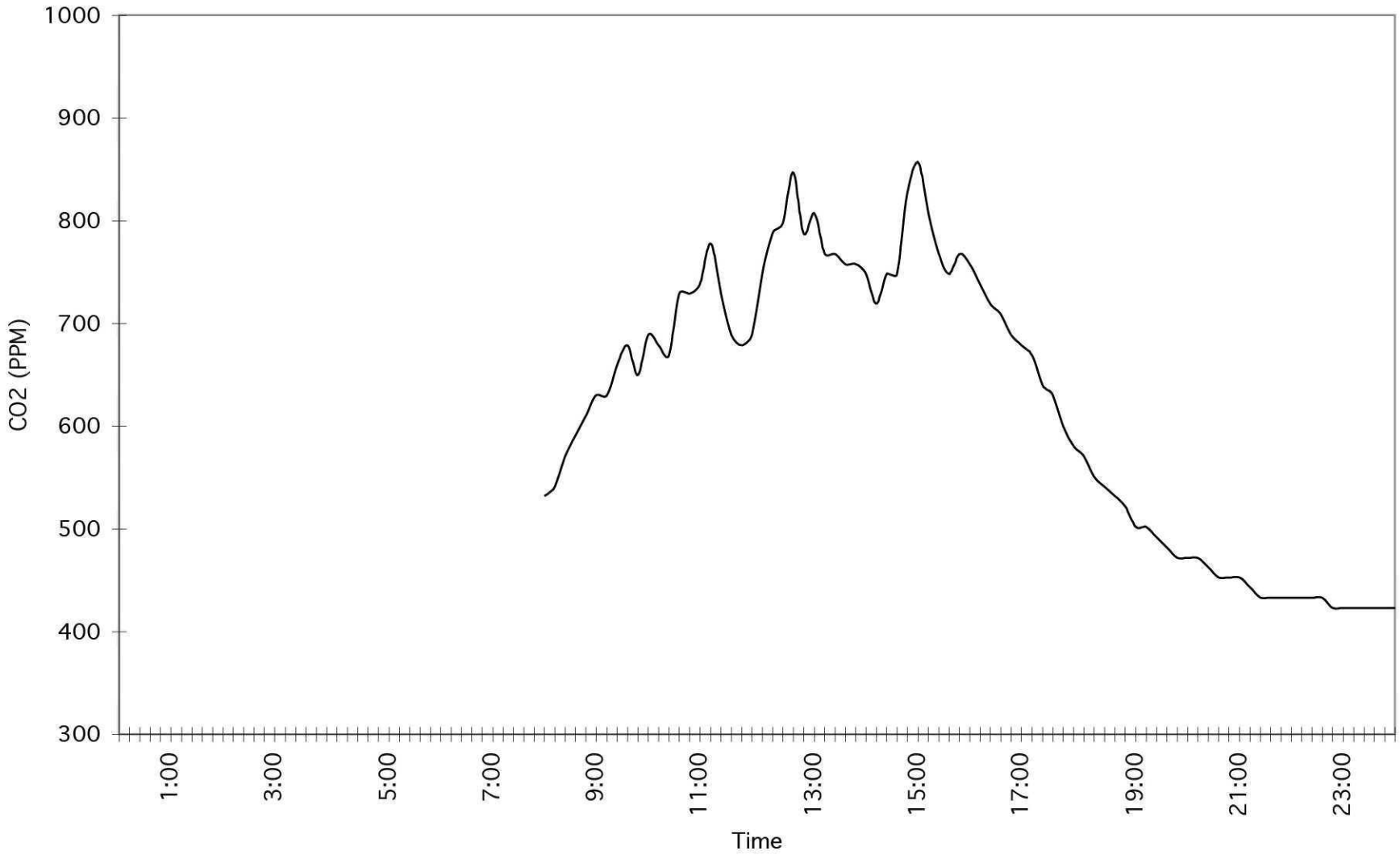
Identified Target Compounds	01, Roof at HVAC intake	02, Probate	03, Revenue	04, CC File Room	05, Purchasing Conf. Room	06, Finance	07, Purchasing Director's Office	08, Lawrence St. Lobby	09, Maintenance Office	10, Archives Storage	11, Archives	12, Outside, NW Corner of Bldg	NIOSH Recommended Exposure Level	OSHA Permissible Exposure Level
Propylene		2.2												
Freon 12 **				1.1	0.53	0.72	0.54	0.70	0.58	2.8	0.72		1,000,000	1,000,000
Chloromethane	0.55		0.73		0.65	0.67	0.69	0.64	0.70	0.93	0.85	0.66		100,000
Ethanol **	13	60	51	72	130	77	170	69	71	75	200	3.9	1,000,000	1,000,000
Isopropyl alcohol **	13	13	16	5.0	12	6.5	14	13	14	15	65	0.79	400,000	400,000
Acetone **	4.9	7.8	5.8	8.4	6.0	8.0	6.2	7.3	8.7	14	16	2.8	250,000	1,000,000
Methylene chloride	1.3	0.55						0.56	1.1					25,000
2-Butanone (MEK) **										0.74	0.66		200,000	200,000
Cyclohexane											0.56		300,000	300,000
Toluene **	0.92	1.1	0.60	1.1	0.88	0.90	1.2	0.70	0.59	1.2	1.2	0.54	100,000	200,000
Tetrachloroethene (PCE)										1.9	0.70			100,000
Dibromochloromethane										1.2				
Ethylbenzene										1.4				100,000
Xylene (para, meta) **										3.8	1.3		100,000	100,000
Xylene (ortho) **										0.79			100,000	100,000
1,2,4-Trimethylbenzene											0.56		25,000	

* From TO-15 analyses for 24-hour SUMMA canister air samples collected Nov 16 & 17, 2010 at Annex III.

** See "Common Indoor Contaminants" table provided by EMSL Analytical

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

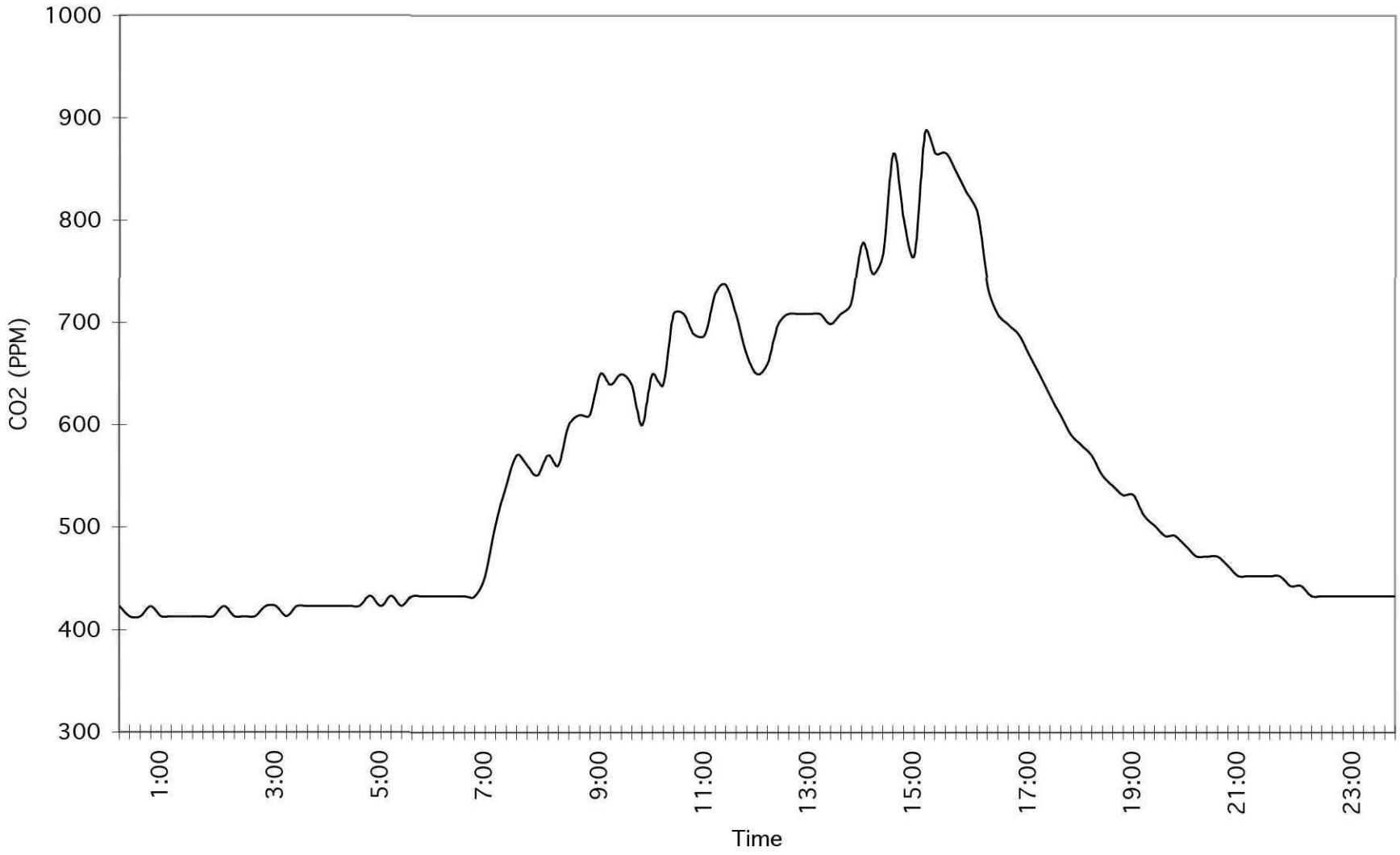
Carbon Dioxide



MONDAY
AUGUST 16, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

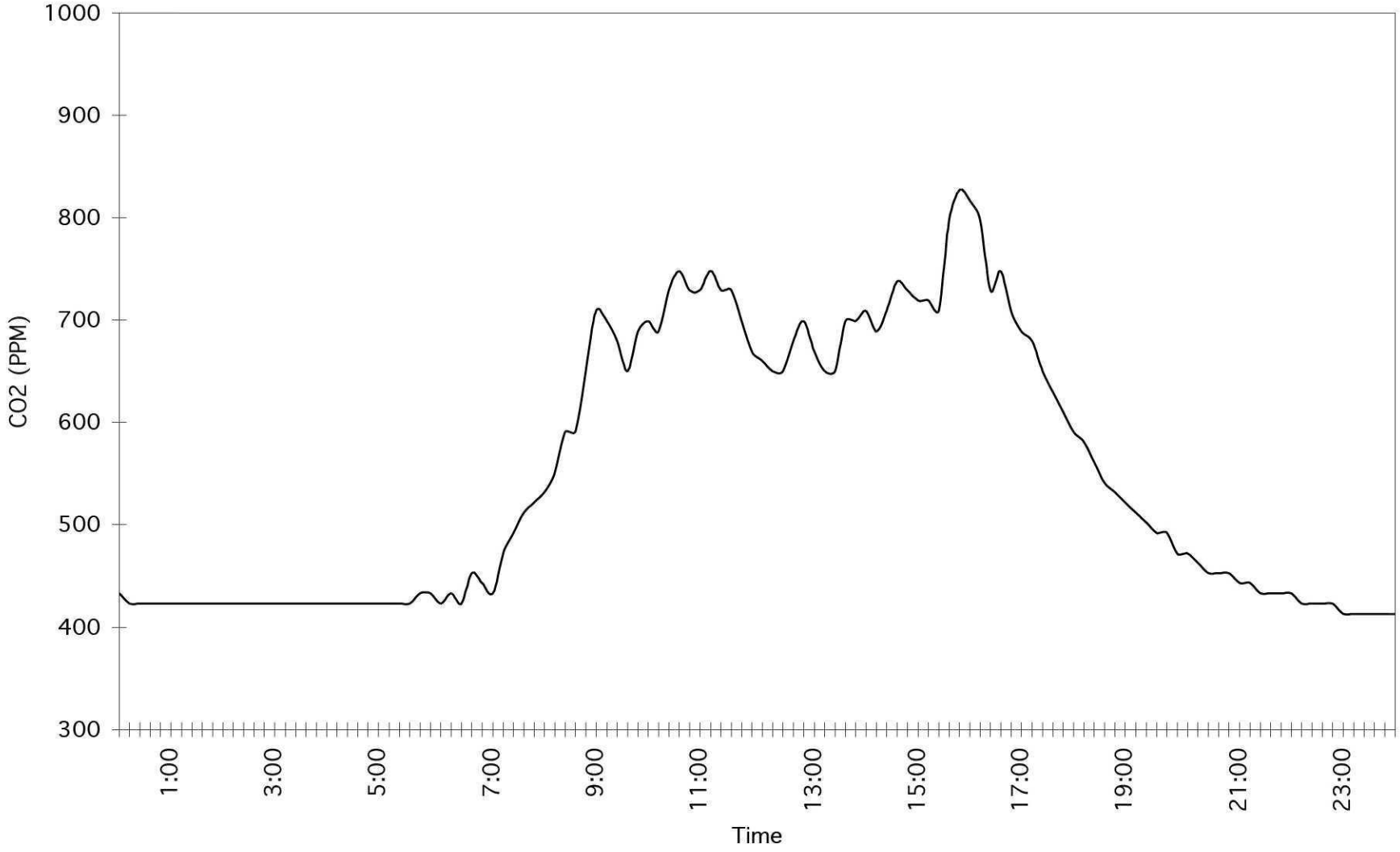
Carbon Dioxide



TUESDAY
AUGUST 17, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

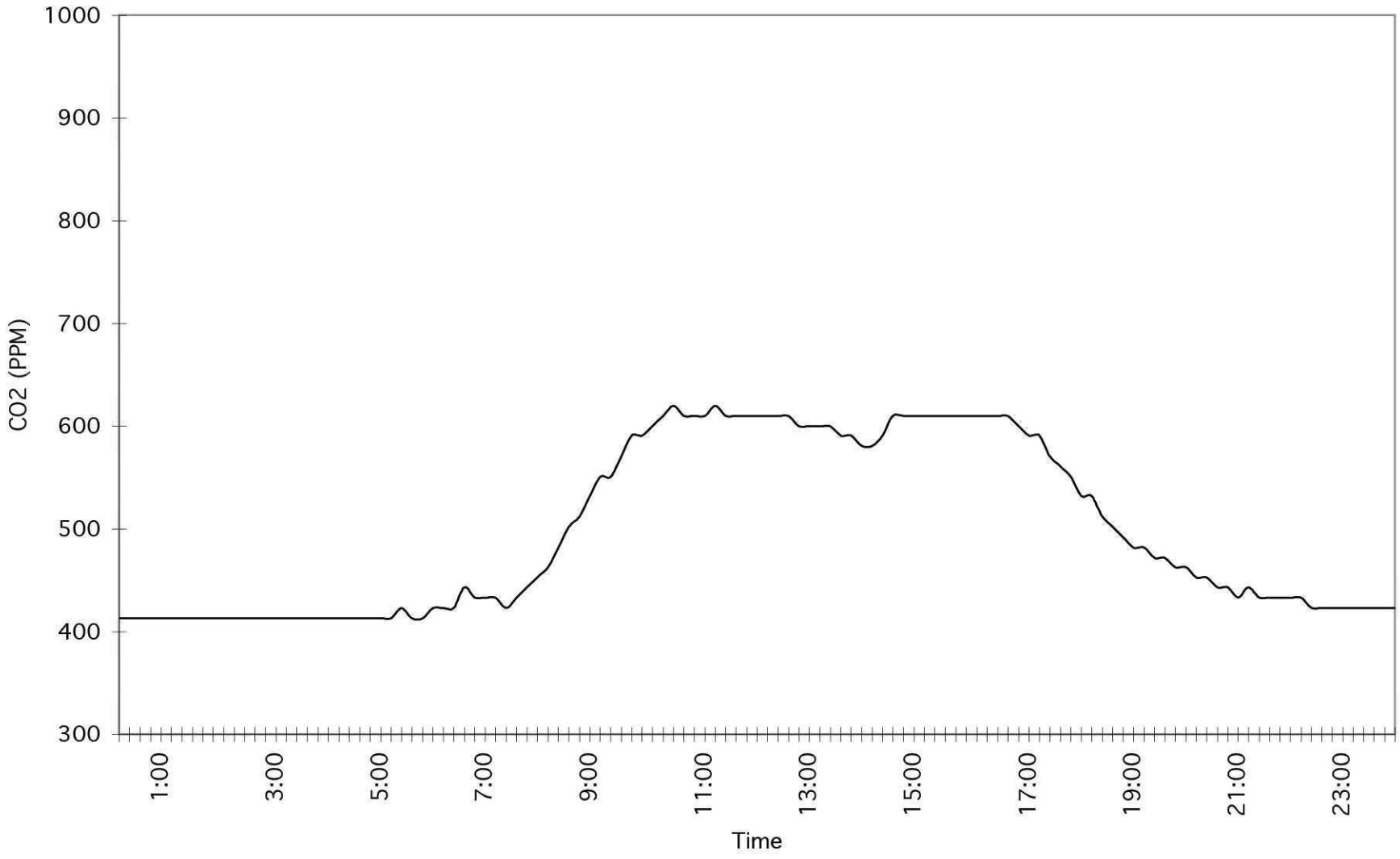
Carbon Dioxide



WEDNESDAY
AUGUST 18, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

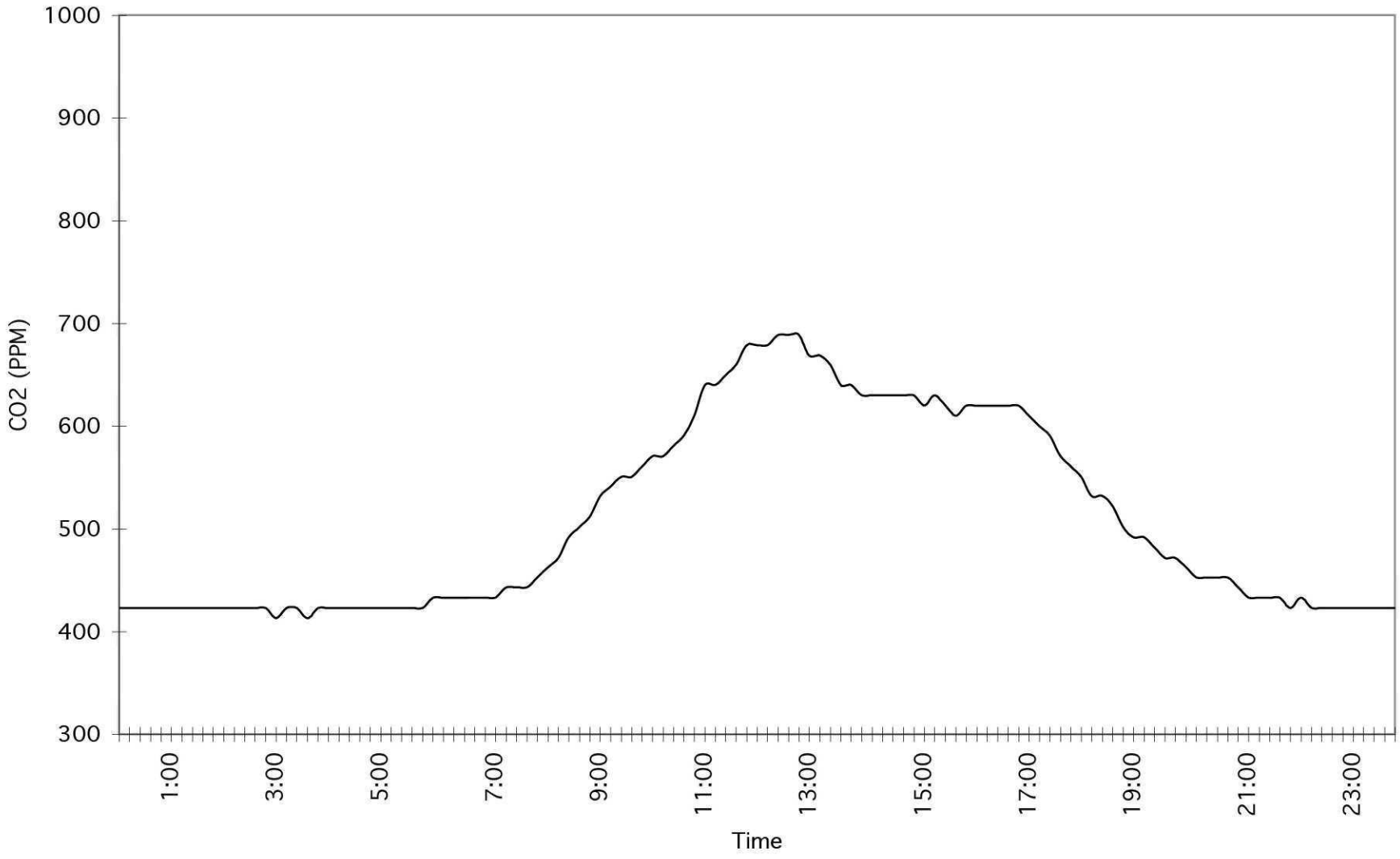
Carbon Dioxide



THURSDAY
AUGUST 19, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

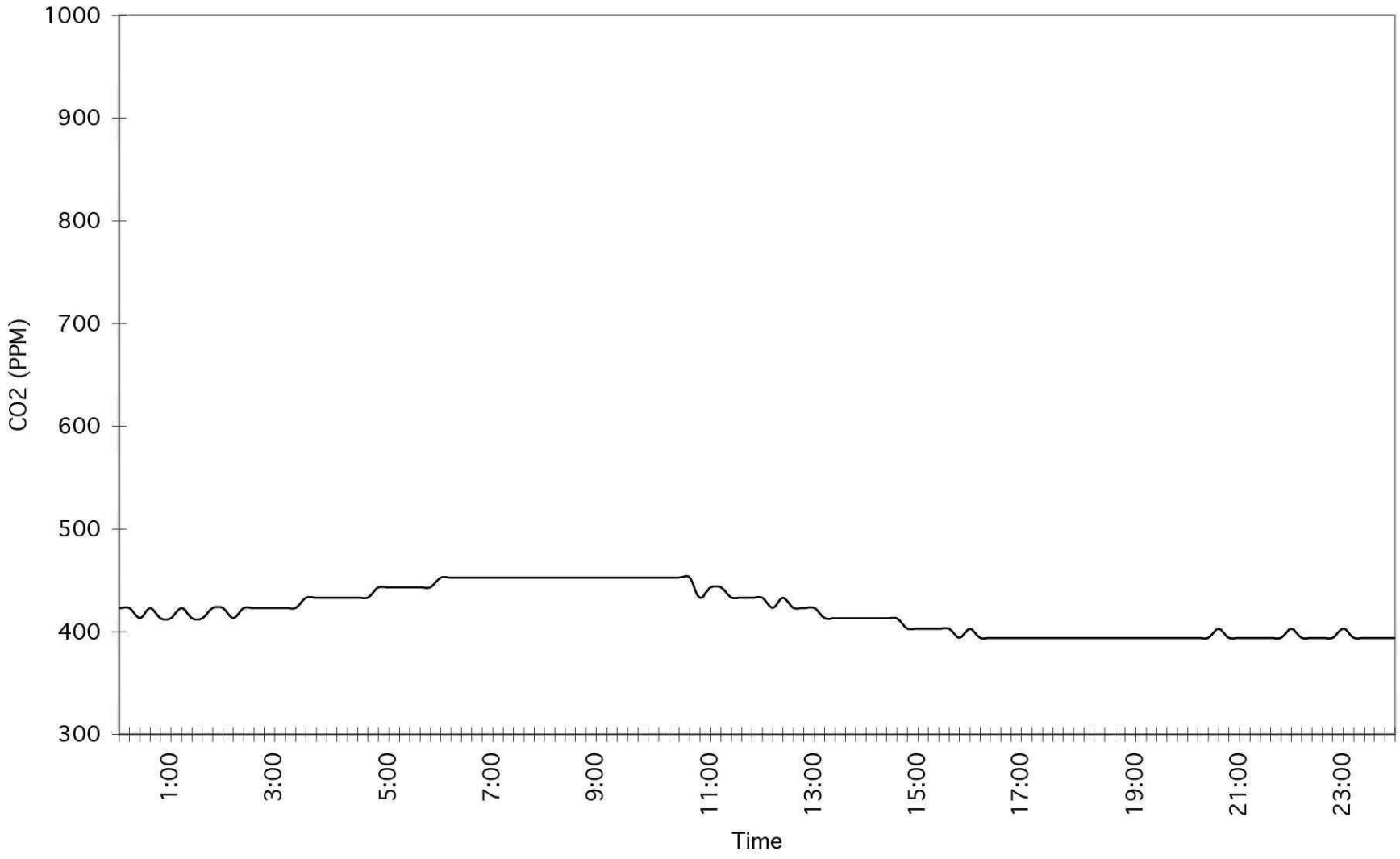
Carbon Dioxide



FRIDAY
AUGUST 20, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

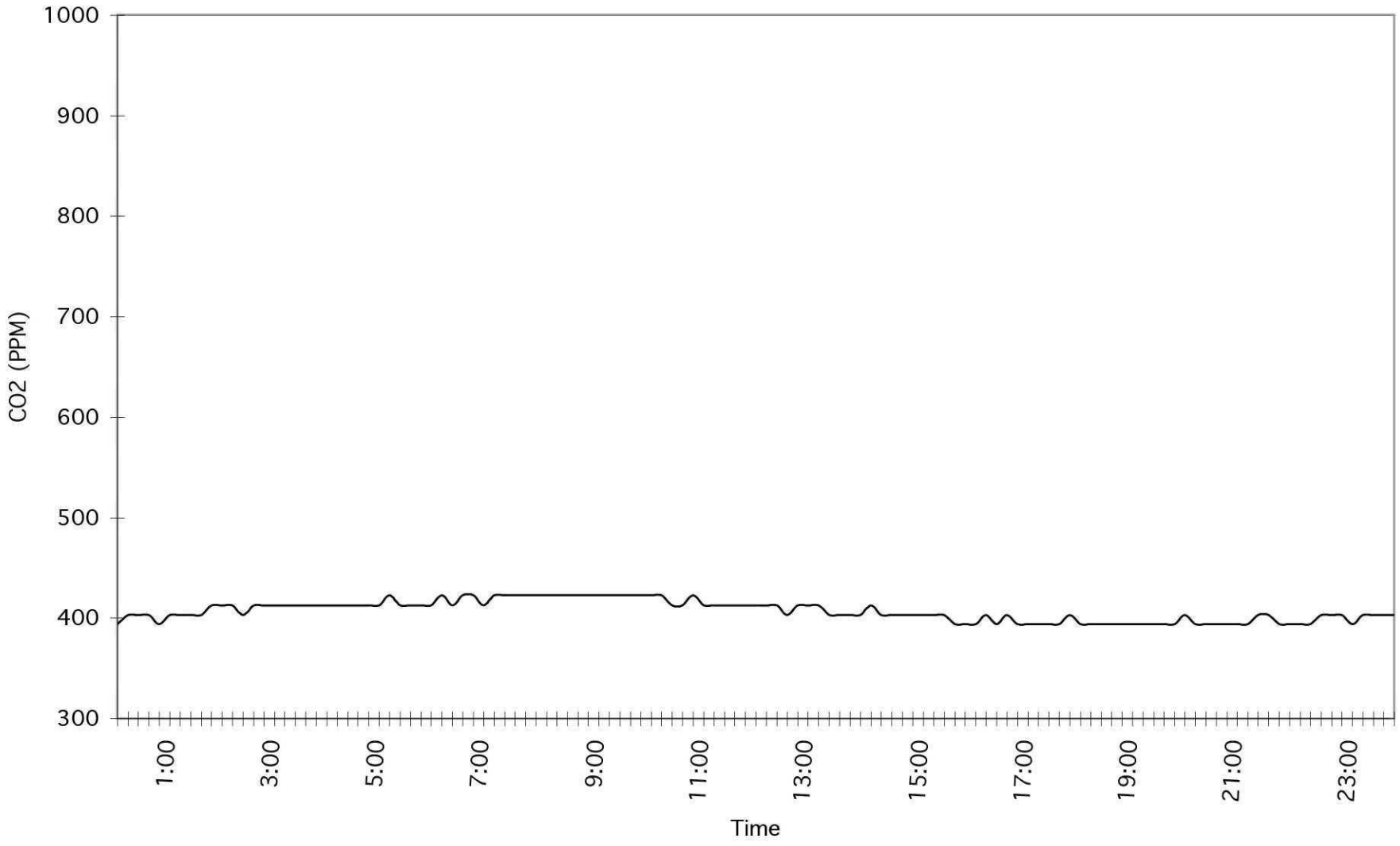
Carbon Dioxide



SATURDAY
AUGUST 21, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

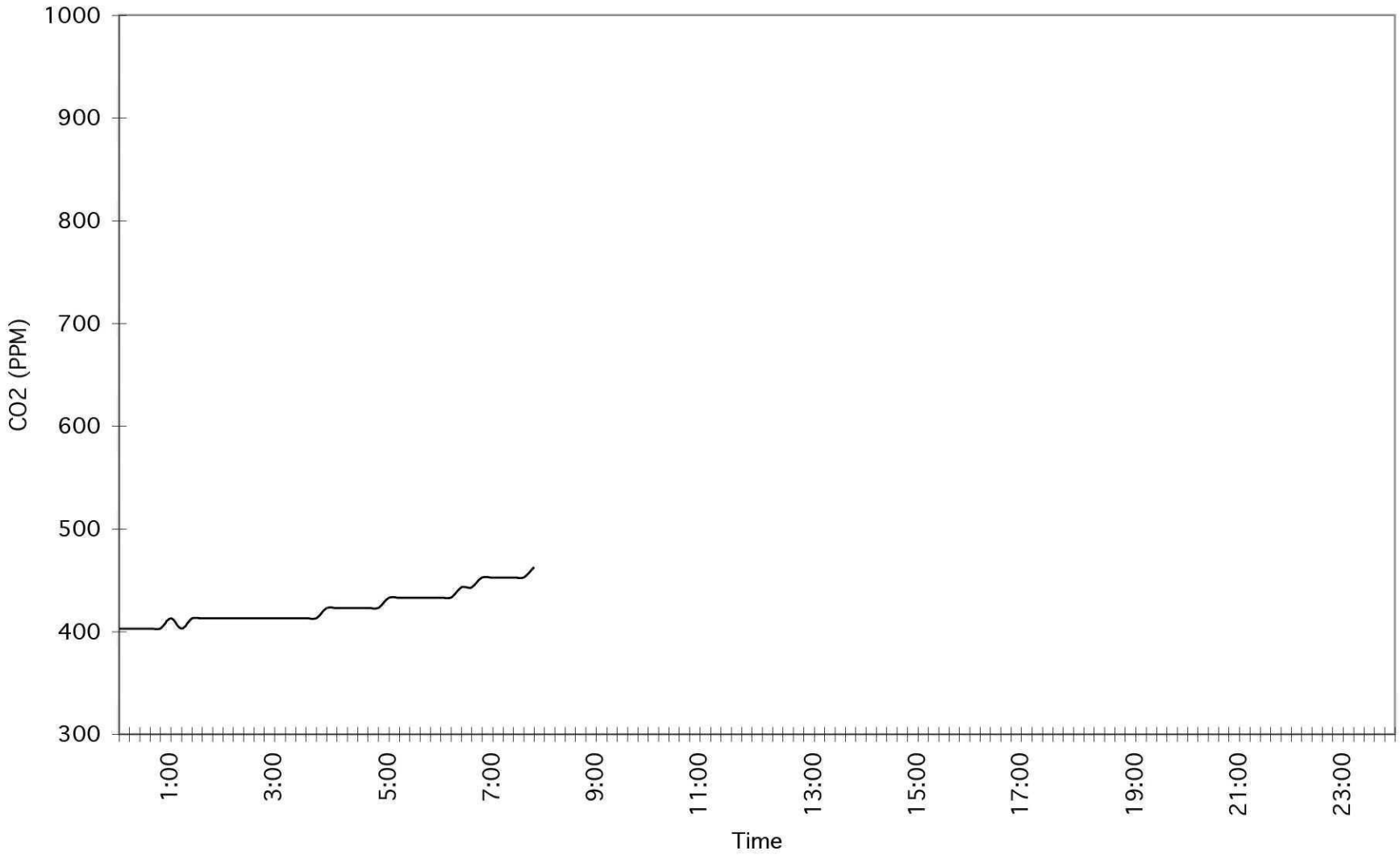
Carbon Dioxide



SUNDAY
AUGUST 22, 2010

PURCHASING DIRECTOR'S OFFICE
MONTGOMERY COUNTY COURTHOUSE ANNEX III

Carbon Dioxide



MONDAY
AUGUST 23, 2010

TO-15 ANALYTICAL DATA
AND
SUMMARY TABLES

MONTGOMERY COUNTY ANNEX III

Twenty-Four Hour SUMMA Canister Air Samples
Collected February 8 and 9, 2011

ENVIRONMENTAL
MATERIALS
CONSULTANTS, INC.

EMC PROJECT NO. MA-3082

Identified Target Compounds*

(concentrations in ppbv)

Identified Target Compounds	01, Probate	02, CC File Room	03, Purchasing Conf. Room	04, Purchasing, foot of stairs	05, Purchasing Entry								NIOSH Recommended Exposure Level	OSHA Permissible Exposure Level
Freon 12 **		1.6											1,000,000	1,000,000
Chloromethane		0.54	0.64	0.66	0.57									100,000
Ethanol **	59	36	60	56	59								1,000,000	1,000,000
Isopropyl alcohol **	4.8	8.5	12	9.8	18								400,000	400,000
Acetone **	3.5	6.8	11	9.6	9.8								250,000	1,000,000
2-Butanone (MEK) **	0.77	0.95	1.6	0.92	0.97								200,000	200,000
Ethyl acetate **		0.57	0.81	0.71	0.69								400,000	400,000
Toluene **	0.73	2.7	3.2	2.7	3.0								100,000	200,000
Tetrachloroethene (PCE)		2.2	1.2	1.2	1.2									100,000
Ethylbenzene		1.0	0.77											100,000
Xylene (para, meta) **		2.4	2.3	1.1	1.1								100,000	100,000
Xylene (ortho) **			0.64										100,000	100,000

* From TO-15 analyses for 24-hour SUMMA canister air samples collected February 8 & 9, 2011 at Annex III.

** See "Common Indoor Contaminants" table provided by EMSL Analytical

Tentatively Identified Compounds*

(concentrations in ppbv)

Tentatively Identified Compounds	Typical Use	01, Probate	02, CC File Room	03, Purchasing Conf. Room	04, Purchasing, foot of stairs	05, Purchasing Entry								NIOSH Recommended Exposure Level	OSHA Permissible Exposure Level
Butane	fuel, propellant, refrigerant		6.2	4.4	4.0	3.8								800,000	none
Difluorochloromethane	propellant, fumigant, insecticide		11											1,000,000	none
Ethane, 1-chloro-1,1-difluoro- (Freon 142b)	refrigerant, propellant			38	35	35									
Ethane, 1,1-difluoro- (Freon 152a)	refrigerant, propellant	41		11	10	12									
Hexanal	flavor & fragrance additive			1.2	1.0										
Isobutane	propellant, refrigerant	18												800,000	none
D-Limonene	orange fragrance & cleaner			136											
Nonanol	lemon oil, fragrance & flavor			1.2											
Pentane	fuel, solvent & refrigerant			1.0		1.0								120,000	1,000,000

* From EMSL library search of TO-15 analyses for 24-hour SUMMA canister air samples collected February 8 & 9, 2011 at Annex III.

TO-15: - How To Read and Interpret Your Report

When scanning your results, the rows which are highlighted in yellow indicate that compound was found in the sample. Results are reported in both parts per billion volume (ppbv), and is also expressed in micrograms per cubic meter (ug/m3) which is the concentration in weight of the substance per volume of air.

Common Indoor Contaminants;

Chemical	Common Indoor Uses	Typical Concentrations	OSHA PELs
Ethanol	beverages, cleaners, disinfectants, perfumes, paints, and lacquers	25 to 400 ppb.	1,000,000 ppb
Isopropanol	cleaners, disinfectants, quick drying inks, alcohol swabs, and perfumes	50 - 200 ppb	400,000 ppb
Acetone	cleaners, inks, nail polish remover	2 to 20 ppb	1,000,000 ppb
2-Butanone (MEK)	cleaners, disinfectants	2 to 20 ppb	200,000 ppb
Ethyl Acetate	cleaners, disinfectants	2 to 20 ppb	400,000 ppb
Freons, various	Refrigerants, propellants, foam blowing agents	1 to 10 ppb	1,000,000 ppb
Toluene	Paints, inks, solvents, gasoline	2 to 10 ppb	200,000 ppb
Xylenes	Paints, inks, solvents, gasoline	2 to 10 ppb	100,000 ppb

Freons are common refrigerants and often seen in air samples. Elevated levels of Freons can indicate leaks from refrigerators and air conditioners. Aerosol sprays and foam products also contribute Freons and / or propanes and butanes to indoor air.

Benzene, toluene, ethylbenzene, and xylenes are components of gasoline.
Toluene and xylenes can be found in solvent based products such as oil based paints.

Comparison, Identified Target Compounds*

(concentrations in ppbv)

Identified Target Compounds	Probate	Probate		CC File Room	CC File Room		Purchasing Conf. Room	Purchasing Conf. Room		Purchasing Director's Office	Purchasing, foot of stairs	Purchasing Entry
	Nov	Feb		Nov	Feb		Nov	Feb		Nov	Feb	Feb
Propylene	2.2											
Freon 12 **				1.1	1.6		0.53			0.54		
Chloromethane					0.54		0.65	0.64		0.69	0.66	0.57
Ethanol **	60	59		72	36		130	60		170	56	59
Isopropyl alcohol **	13	4.8		5.0	8.5		12	12		14	9.8	18
Acetone **	7.8	3.5		8.4	6.8		6.0	11		6.2	9.6	9.8
Methylene chloride	0.55											
2-Butanone (MEK) **		0.77			0.95			1.6			0.92	0.97
Ethyl acetate					0.57			0.81			0.71	0.69
Toluene **	1.1	0.73		1.1	2.7		0.88	3.2		1.2	2.7	3.0
Tetrachloroethene (PCE)					2.2			1.2			1.2	1.2
Ethylbenzene					1.0			0.77				
Xylene (para, meta) **					2.4			2.3			1.1	1.1
Xylene (ortho)								0.64				

* From TO-15 analyses for 24-hour SUMMA canister air samples collected Nov 16 & 17, 2010 and Feb 8 & 9, 2011 at Annex III.

Comparison, Tentatively Identified Compounds*

(concentrations in ppbv)

Tentatively Identified Compounds	Typical Use	Probate	Probate		CC File Room	CC File Room		Purchasing Conf. Room	Purchasing Conf. Room		Purchasing Director's Office	Purchasing, foot of stairs	Purchasing Entry
		Nov	Feb		Nov	Feb		Nov	Feb		Nov	Feb	Feb
Butane	fuel, propellant, refrigerant					6.2			4.4			4.0	3.8
Difluorochloromethane	propellant, fumigant, insecticide					11							
Ethane, 1-chloro-1,1-difluoro- (Freon 142b)	refrigerant, propellant				11			12	38		16	35	35
Ethane, 1,1-difluoro- (Freon 152a)	refrigerant, propellant	15	41						11			10	12
Hexanal	flavor & fragrance additive								1.2			1.0	
Isobutane	propellant, refrigerant		18										
Limonene	orange fragrance & cleaner	1.1							136				
Naphthalene											1.2		
Nonanol	lemon oil, fragrance & flavor							1.4	1.2		1.5		
Pentane	fuel, solvent & refrigerant							1.0	1.0				1.0

* From EMSL library search of TO-15 analyses for 24-hour SUMMA canister air samples collected Nov 16 & 17, 2010 and Feb 8 & 9, 2011 at Annex III.

USEPA TO-15 Data Report

Client	Report Date
Environmental Materials Consultants 2027 Chestnut Street Montgomery, AL 36106 Attn: Haynes Kelley	02/14/11
	Project Receipt Date
	02/10/11

Client Project ID	EMSL Project ID
Montgomery County, Annex III	491100114

Sample Summary

EMSL Sample ID	Client Sample ID	Sample Collection Date
491100114-1	3082-2/8/11-01	2/8/2011
491100114-2	3082-2/8/11-02	2/8/2011
491100114-3	3082-2/8/11-03	2/8/2011
491100114-4	3082-2/8/11-04	2/8/2011
491100114-5	3082-2/8/11-05	2/8/2011

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and electronic data has been authorized by the laboratory manager or his/her designee, as verified by the following signature.

Marjorie Howley

2/14/2011

Marjorie Howley
TO-15 Laboratory Manager
EMSL Analytical, Inc

This report shall not be modified or reproduced, except in its entirety, without the written consent of EMSL Analytical, Inc.

TO-15

External Chain of Custody/ Field Test Data Sheet

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-3502

EMSL Order Number (Lab Use Only): 491100114

Report To Contact Name: HAYNES KELLEY	Bill To Company: SAME	Sampled By (Sign): [signature]
Company Name: ENVIRONMENTAL-MATERIALS	Attention To:	Sampled By (Print): HAYNES KELLEY
Address 1: 2027 CHESTNUT STREET	Address 1:	Total# of Samples in Shipment: 5
Address 2: MONTGOMERY, AL 36106	Address 2:	Date of Shipment: 2-9-11
Phone: 334-265-4000 Fax: 334-265-4043	Phone: Fax:	U.S. State Samples Collected: AL
Email Results To: hkelley@emcinc.net	Project Name: MONTGOMERY COUNTY ANNEX III	Purchase Order:

Turnaround Time (in Business Days): ☐ 10 Day Standard ☐ 5 Day ☐ 4 Day ☐ 3 Day ☒ 2 Day ☐ 1 Day Other:

Reporting Format: ☒ Results Only (Standard Lab Report) ☐ Full Deliverables (Surcharge may apply) Other:

NJDEP Information (if applicable): Bureau: NJDEP Contract Number: Division:

NJ State Plane Coordinates and Elevation (US Feet) if applicable: SPX Easting: SPY North: Elevation:

Field Use - All Information Required! / Lab Use Only

EMSL Sample Identifier	Client Field Sample Identification	Sampling Start Information (Barometric Pres. ("Hg): 30.28) Start Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)/RH	Sampling Stop Information (Barometric Pres. ("Hg): 29.99) Stop Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)/RH	Canister Information: Canister ID	Size (L)	Can Cert Batch ID	Outgoing Pressure ("Hg)	Incoming Pressure ("Hg)	Flow Contoller: Reg. ID	Cal Flow (ml/min)	USEPA TO-15	NJDEP LLTO-15	LIBRARY SEARCH	Other (Specify)	Indoor/ Ambient Air	Soil Gas	Landfill/ Vent	Other:
	3082-2/8/11-01	2/8/11	1446	30.0	71/<20	2-9-11	1407	3.9	71/<20	E0433	6	3679	-29.9	-13.0	3679	3.5	X		X		X			
	3082-2/8/11-02	↓	1452	29.6	72/<20	↓	1412	1.1	72/<20	E0389	↓	3595	↓	-1.0	3595	↓	X		X		X			
	3082-2/8/11-03	↓	1457	31	73/22	↓	1424	6.0	72/<20	E0312	↓	3508	↓	-5.0	3508	↓	X		X		X			
	3082-2/8/11-04	↓	1500	31+	73/22	↓	1426	5.2	72/<20	E0250	↓	3576	↓	-3.0	3576	↓	X		X		X			
	3082-2/8/11-05	↓	1502	28.2	73/24	↓	1428	4.1	72/<20	E0305	6	3648	↓	-4.0	3648	↓	X		X		X			
												12254												

Comments:

Lab Canister Certification Analyst Signature (TO-15):

Relinquished by:	Date/ Time	Received by:	Date/ Time	Affixed Seal #	Reason for Exchange (circle appropriate)
[signature]	2/3/11 12:00	[signature]	2/8/11 @ 1020	2094	Shipping Courier Receiving Sampling Other:
[signature]	2-9-11 @ 1630			2095 & 2095A	Shipping Courier Receiving Sampling Other:
		DMB-UPS-925A	2-10-11		Shipping Courier Receiving Sampling Other:
DMB	2-10-11				Shipping Courier Receiving Sampling Other:
		MB	2/10/11		Shipping Courier Receiving Sampling Other:

49/100/14

TO-15 Sample Information

Please fill out this worksheet in addition to the Chain of Custody form. Turnaround time will start after all required information is received.

11 FEB 10 AM 10: 20

Company: ENVIRONMENTAL - MATERIALS CONSULTANTS

Contact Person:

Name: HAYNES KELLEY

E-mail: hkelley@emcinc.net

Additional E-mail:

Telephone #: 334-265-4000 **Fax:** 334-265-4043

Do you want your results emailed? [X] YES [ ] NO

Library Search requested: [X] YES [ ] NO

A library search will identify up to 20 of the largest, non-target peaks that are not part of the standard TO-15 list of 62 compounds. If you are performing an Indoor Air Quality or odor investigation the library search is recommended. If you will need help interpreting your report the library search is REQUIRED. The standard cost is $25/sample. Requests for a library search after the analysis has been completed will cost $75/sample.

Sample Type:

[X] Indoor Air Quality (Home/Office) [ ] Vent Gas [ ] Soil Gas

[ ] IAQ (Industrial) [X] Other: IAQ & ODOR INVESTIGATION

Description of sample (Important for the lab to achieve your requested turnaround time):

Are there any special detection limits, specific set of compounds, or any other specifics you need in your report?

[Y] YES (Please list or attach separate sheet) [ ] NO

0.5 PPB DETECTION LIMIT

Do you need any additional analysis on the canister sample? (circle below)

CO Methane CO2 SO2 EtO Nox O2 Other_____

Please note that turnaround time for additional analyses begin after TO-15 is complete.

Sample Retention Policy: All canisters are guaranteed to be retained for one day after results are reported. Please review your results to ensure that your project scope is fully addressed. Cans may be retained for a longer period of time but this is dependant on demand for cans. Arrangements to hold your cans must be made through your customer account representative. Thank you.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-1
Client Sample ID:	3082-2/8/11-01	**Canister ID:**	E0443
Primary Lab File ID:	K6119.D	**Dilution Lab File ID:**	na
Analysis Date:	02/10/2011	**Analysis Date:**	na
Sample Vol(ml):	482.5	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	ND	0.50		ND	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**59**	0.50	**E**	**110**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**4.8**	0.50		**12**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**3.5**	0.50		**8.3**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	**0.77**	0.50		**2.3**	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	ND	0.50		ND	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-1
Client Sample ID:	3082-2/8/11-01	**Canister ID:**	E0443
Primary Lab File ID:	K6119.D	**Dilution Lab File ID:**	na
Analysis Date:	02/10/2011	**Analysis Date:**	na
Sample Vol(ml):	482.5	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**0.73**	0.50		**2.8**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	ND	0.50		ND	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	ND	1.0		ND	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.7	10	**107%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-1TIC
Client Sample ID:	3082-2/8/11-01	**Canister ID:**	E0443
Primary Lab File ID:	K6119.D	**Dilution Lab File ID:**	na
Analysis Date:	02/10/2011	**Analysis Date:**	na
Sample Vol(ml):	482.5	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	**41**	JN	**110**	4.77
Isobutane	000075-28-5	58	**18**	JN	**42**	5.21

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-2
Client Sample ID:	3082-2/8/11-02	**Canister ID:**	E0389
Primary Lab File ID:	K6120.D	**Dilution Lab File ID:**	na
Analysis Date:	02/10/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	**1.6**	0.50		**8.1**	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.54**	0.50		**1.1**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**36**	0.50	**E**	**67**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**8.5**	0.50		**21**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**6.8**	0.50		**16**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	**0.95**	0.50		**2.8**	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	**0.57**	0.50		**2.1**	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-2
Client Sample ID:	3082-2/8/11-02	**Canister ID:**	E0389
Primary Lab File ID:	K6120.D	**Dilution Lab File ID:**	na
Analysis Date:	02/10/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**2.7**	0.50		**10**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	**2.2**	0.50		**15**	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	**1.0**	0.50		**4.4**	2.2
Xylene (para, meta)	1330-20-7	106.2	**2.4**	1.0		**10**	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.8	10	**108%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-2TIC
Client Sample ID:	3082-2/8/11-02	**Canister ID:**	E0389
Primary Lab File ID:	K6120.D	**Dilution Lab File ID:**	na
Analysis Date:	02/10/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Difluorochloromethane	000075-45-6	86	11	JN	39	4.80
Butane	000106-97-8	58	6.2	JN	15	5.62

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-3
Client Sample ID:	3082-2/8/11-03	**Canister ID:**	E0312
Primary Lab File ID:	K6121.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.64**	0.50		**1.3**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**60**	0.50	**E**	**110**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**12**	0.50		**30**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**11**	0.50		**26**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	**1.6**	0.50		**4.8**	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	**0.81**	0.50		**2.9**	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-3
Client Sample ID:	3082-2/8/11-03	**Canister ID:**	E0312
Primary Lab File ID:	K6121.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**3.2**	0.50		**12**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	**1.2**	0.50		**8.0**	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	**0.77**	0.50		**3.3**	2.2
Xylene (para, meta)	1330-20-7	106.2	**2.3**	1.0		**10**	4.3
Xylene (Ortho)	95-47-6	106.2	**0.64**	0.50		**2.8**	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	10.9	10	**109%**

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-3TIC
Client Sample ID:	3082-2/8/11-03	**Canister ID:**	E0312
Primary Lab File ID:	K6121.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	**11**	JN	**28**	4.80
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**38**	JN	**150**	5.24
Butane	000106-97-8	58	**4.4**	JN	**10**	5.61
Pentane	000109-66-0	72	**1.0**	JN	**3.0**	7.80
Hexanal	000066-25-1	100	**1.2**	JN	**4.7**	22.82
D-Limonene	005989-27-5	136	**1.1**	JN	**6.2**	28.16
Nonanal	000124-19-6	142	**1.2**	JN	**6.7**	29.66

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-4
Client Sample ID:	3082-2/8/11-04	**Canister ID:**	E0250
Primary Lab File ID:	K6139.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	**0.66**	0.50		**1.4**	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	**56**	0.50	**E**	**100**	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	**9.8**	0.50		**24**	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	**9.6**	0.50		**23**	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	**0.92**	0.50		**2.7**	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	**0.71**	0.50		**2.6**	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-4
Client Sample ID:	3082-2/8/11-04	**Canister ID:**	E0250
Primary Lab File ID:	K6139.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**2.7**	0.50		**10**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	**1.2**	0.50		**8.3**	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	**1.1**	1.0		**4.9**	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.3	10	93%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	491100114-4TIC
Client Sample ID:	3082-2/8/11-04	**Canister ID:**	E0250
Primary Lab File ID:	K6139.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	**10**	JN	**27**	4.77
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**35**	JN	**140**	5.20
Butane	000106-97-8	58	**4.0**	JN	**9.6**	5.59
Hexanal	000066-25-1	100	**1.0**	JN	**4.2**	22.82

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name: Montgomery County, Annex III
EMSL ID: 4911000114-5
Client Sample ID: 3082-2/8/11-05
Canister ID: E0305

Primary Lab File ID: K6140.D
Dilution Lab File ID: na
Analysis Date: 02/11/2011
Analysis Date: na
Sample Vol(ml): 250
Sample Vol(ml): na
Dilution Factor: 1
Dilution Factor: na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
Propylene	115-07-1	58.08	ND	1.0		ND	2.4
Freon 12(Dichlorodifluoromethane)	75-71-8	120.9	ND	0.50		ND	2.5
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	170.9	ND	0.50		ND	3.5
Chloromethane	74-87-3	50.49	0.57	0.50		1.2	1.0
Vinyl chloride	75-01-4	62.50	ND	0.50		ND	1.3
1,3-Butadiene	106-99-0	54.09	ND	0.50		ND	1.1
Bromomethane	74-83-9	94.94	ND	0.50		ND	1.9
Chloroethane	75-00-3	64.52	ND	0.50		ND	1.3
Ethanol	64-17-5	46.07	59	0.50	E	110	0.94
Bromoethene(Vinyl bromide)	593-60-2	106.9	ND	0.50		ND	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137.4	ND	0.50		ND	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60.10	18	0.50		45	1.2
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187.4	ND	0.50		ND	3.8
Acetone	67-64-1	58.08	9.8	0.50		23	1.2
1,1-Dichloroethene	75-35-4	96.94	ND	0.50		ND	2.0
Acetonitrile	75-05-8	41.00	ND	0.50		ND	0.84
Tertiary butyl alcohol(TBA)	75-65-0	74.12	ND	0.50		ND	1.5
Bromoethane(Ethyl bromide)	74-96-4	108.0	ND	0.50		ND	2.2
3-Chloropropene(Allyl chloride)	107-05-1	76.53	ND	0.50		ND	1.6
Carbon disulfide	75-15-0	76.14	ND	0.50		ND	1.6
Methylene chloride	75-09-2	84.94	ND	0.50		ND	1.7
Acrylonitrile	107-13-1	53.00	ND	0.50		ND	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88.15	ND	0.50		ND	1.8
trans-1,2-Dichloroethene	156-60-5	96.94	ND	0.50		ND	2.0
n-Hexane	110-54-3	86.17	ND	0.50		ND	1.8
1,1-Dichloroethane	75-34-3	98.96	ND	0.50		ND	2.0
Vinyl acetate	108-05-4	86.00	ND	0.50		ND	1.8
2-Butanone(MEK)	78-93-3	72.10	0.97	0.50		2.9	1.5
cis-1,2-Dichloroethene	156-59-2	96.94	ND	0.50		ND	2.0
Ethyl acetate	141-78-6	88.10	0.69	0.50		2.5	1.8
Chloroform	67-66-3	119.4	ND	0.50		ND	2.4
Tetrahydrofuran	109-99-9	72.11	ND	0.50		ND	1.5
1,1,1-Trichloroethane	71-55-6	133.4	ND	0.50		ND	2.7
Cyclohexane	110-82-7	84.16	ND	0.50		ND	1.7
2,2,4-Trimethylpentane(Isooctane)	540-81-1	114.2	ND	0.50		ND	2.3
Carbon tetrachloride	56-23-5	153.8	ND	0.50		ND	3.1
n-Heptane	142-82-5	100.2	ND	0.50		ND	2.0
1,2-Dichloroethane	107-06-2	98.96	ND	0.50		ND	2.0
Benzene	71-43-2	78.11	ND	0.50		ND	1.6
Trichloroethene	79-01-6	131.4	ND	0.50		ND	2.7

Air Analysis Data Summary

EPA Compendium TO-15

Target Compound List

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	4911000114-5
Client Sample ID:	3082-2/8/11-05	**Canister ID:**	E0305
Primary Lab File ID:	K6140.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Target Compounds	CAS#	MW	Result ppbv	RL ppbv	Q	Result ug/m3	RL ug/m3
1,2-Dichloropropane	78-87-5	113.0	ND	0.50		ND	2.3
Bromodichloromethane	75-27-4	163.8	ND	0.50		ND	3.3
1,4-Dioxane	123-91-1	88.12	ND	0.50		ND	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100.2	ND	0.50		ND	2.0
cis-1,3-Dichloropropene	542-75-6	111.0	ND	0.50		ND	2.3
Toluene	108-88-3	92.14	**3.0**	0.50		**11**	1.9
trans-1,3-Dichloropropene	10061-02-6	111.0	ND	0.50		ND	2.3
1,1,2-Trichloroethane	79-00-5	133.4	ND	0.50		ND	2.7
2-Hexanone(MBK)	591-78-6	100.1	ND	0.50		ND	2.0
Tetrachloroethene	127-18-4	165.8	**1.2**	0.50		**8.0**	3.4
Dibromochloromethane	124-48-1	208.3	ND	0.50		ND	4.3
1,2-Dibromoethane	106-93-4	187.8	ND	0.50		ND	3.8
Chlorobenzene	108-90-7	112.6	ND	0.50		ND	2.3
Ethylbenzene	100-41-4	106.2	ND	0.50		ND	2.2
Xylene (para, meta)	1330-20-7	106.2	**1.1**	1.0		**4.9**	4.3
Xylene (Ortho)	95-47-6	106.2	ND	0.50		ND	2.2
Styrene	100-42-5	104.1	ND	0.50		ND	2.1
Bromoform	75-25-2	252.8	ND	0.50		ND	5.2
1,1,2,2-Tetrachloroethane	79-34-5	167.9	ND	0.50		ND	3.4
4-Ethyltoluene	622-96-8	120.2	ND	0.50		ND	2.5
1,3,5-Trimethylbenzene	108-67-8	120.2	ND	0.50		ND	2.5
2-Chlorotoluene	95-49-8	126.6	ND	0.50		ND	2.6
1,2,4-Trimethylbenzene	95-63-6	120.2	ND	0.50		ND	2.5
1,3-Dichlorobenzene	541-73-1	147.0	ND	0.50		ND	3.0
1,4-Dichlorobenzene	106-46-7	147.0	ND	0.50		ND	3.0
Benzyl chloride	100-44-7	126.0	ND	0.50		ND	2.6
1,2-Dichlorobenzene	95-50-1	147.0	ND	0.50		ND	3.0
1,2,4-Trichlorobenzene	120-82-1	181.5	ND	0.50		ND	3.7
Hexachloro-1,3-butadiene	87-68-3	260.8	ND	0.50		ND	5.3

Surrogate	Result	Spike	Recovery
4-Bromofluorobenzene	9.2	10	92%

Qualifier Definitions

B = Compound also found in method blank.

E= Estimated concentration exceeding upper calibration range.

D= Result reported from diluted analysis.

ND= Non Detect

Air Analysis Data Summary

EPA Compendium TO-15

Tentatively Identified Compounds

Client Project Name:	Montgomery County, Annex III	**EMSL ID:**	4911000114-5TIC
Client Sample ID:	3082-2/8/11-05	**Canister ID:**	E0305
Primary Lab File ID:	K6140.D	**Dilution Lab File ID:**	na
Analysis Date:	02/11/2011	**Analysis Date:**	na
Sample Vol(ml):	250	**Sample Vol(ml):**	na
Dilution Factor:	1	**Dilution Factor:**	na

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time
Ethane, 1,1-difluoro-	000075-37-6	66	**12**	JN	**32**	4.78
Ethane, 1-chloro-1,1-difluoro-	000075-68-3	100	**35**	JN	**140**	5.23
Butane	000106-97-8	58	**3.8**	JN	**9.0**	5.62
Pentane	000109-66-0	72	**1.0**	JN	**3.0**	7.79

Qualifier Definitions

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

SCHNEIDER LABORATORIES

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475

Excellence in Service and Technology

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003

LABORATORY ANALYSIS REPORT

Formaldehyde-SKC Analysis by NIOSH 2016 Method

ACCOUNT #:	4190-11-1	**DATE COLLECTED:**	01/6/2011
CLIENT:	Environmental-Materials Consultants	**DATE RECEIVED:**	01/11/2011
ADDRESS:	2027 Chestnut Street	**DATE ANALYZED:**	01/12/2011
	Montgomery AL 36106	**DATE REPORTED:**	01/13/2011
PO NO.:			
PROJECT NAME:	Montgomery Co Annex		
PROJECT NO.:	MA-3082		
JOB LOCATION:	Montgomery AL	**MEDIA TYPE:**	SKC Badge

SLI Sample No.	Client Sample No.	Sample time	Flow rate	Sample Volume (L)	Total HCHO (mg)*	Actual Exp (mg/m³)*	8 Hour TWA (mg/m³)*	Actual Exp (PPM)	8 Hour TWA (PPM)	Report Limit (mg)**
30868293	01 426	1477	0.029	42.24	< 0.0004	< 0.0095	< 0.0291	< 0.0077	< 0.0237	0.0004
30868294	02 427	1475	0.029	42.19	0.0007	0.0166	0.0510	0.0135	0.0415	0.0004
30868295	03 428	1474	0.029	42.16	0.0006	0.0142	0.0437	0.0116	0.0356	0.0004
30868296	04 429	1471	0.029	42.07	0.0006	0.0143	0.0437	0.0116	0.0356	0.0004
30868297	05 443	1469	0.029	42.01	< 0.0004	< 0.0095	< 0.0291	< 0.0078	< 0.0237	0.0004

QC	Laboratory Blank	< 0.0004		**Criteria**
QC	CCV - 0.0075 mg	0.0153	203.9%	90-110%
QC	Spike 1 - 0.008 mg	0.0081	101.8%	90-110%
QC	Spike 2 - 0.008 mg	0.0083	103.5%	90-110%
QC	RPD		2%	≤15%

ANALYST: Bernard H. Howard

Total # of pages in report: 4

REVIEWED BY: Andrew P. Sulak, Organics Manager

Visit www.slabinc.com for current certifications.

Go to www.slabinc.com, click on *Industrial Hygiene / Exposure Limits for links to OSHA PEL information*, or search at www.osha.gov.

*Data precision justifies 2 significant figures. ** Reporting Limit represents the lowest reportable concentration of the tested substance. Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. Results are not blank-corrected unless noted by analyst. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All sample results are corrected for desorption efficiency (DE).

SCHNEIDER LABORATORIES GLOBAL, INC.
2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475
www.slabinc.com e-mail: info@slabinc.com

Submitting Co.: ENVIRONMENTAL MATERIALS CONSULTANTS

Lab Use-WO#: 4190-11-1
Acct #: 4190
Phone #: 334-265-4000
FAX #: 334-265-4043

Project Name: MONTGOMERY CO ANNEX III
Project Location: MONTGOMERY, AL
Project Number: MA-3082
Purchase Order No.:

Special Instructions [include requests for special reporting or data packages]
NEED DETECTION LIMIT AT OR BELOW NIOSH REL OF 0.016 PPM
STATE WHERE SAMPLES WERE COLLECTED: AL

Turn Around Time

- [ ] 1 business day*
- [X] 2 business days*
- [ ] 3 business days*
- [ ] 4 business days*
- [ ] 5 business days* - STANDARD
- [ ] Weekend*

* not available for all tests
* not available for all tests
Schedule rush organics & weekend tests in advance.

[ ] Samples submitted using the Pump Loan Program
Client Account No.:
Purchase Order No.:
Credit Card No.: (On File)
Email / Fax results to:
Email address: hkelley@emcinc.net

INDUSTRIAL HYGIENE Analytes Requested

WorkOrderKey V: 1789 1789084

Sample #	Date Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Time[1] Start	Time[1] Stop	Flow Rate[2] Start	Flow Rate[2] Stop	Total[3] Air Vol	Passive Monitors (Min)	FORMALDEHYDE
01 (426)	1-6-11	PURCHASING CONF RM	1-6-11 1140	1-7-11 1217				1477	X
02 (427)	↓	FINANCE	1143	1218				1475	X
03 (428)		PURCHASING DIR. OFFICE	1146	1220				1474	X
04 (429)		COMMISSION FILE RM	1150	1221				1471	X
05 (443)	↓	ROOF @ HVAC INTAKE	1155	1224				1469	X

RECEIVED JAN 11 2011 BY: FADI GHRAZI

Sample Collection & Custody Information

[1]Beginning/End of Sample Period [2]Pump Calibration in Liters/Minute [3]Volume in Liters [time in min * flow in L/min]

Sampled by [NAME] HAYNES KELLEY [SIGNATURE] [DATE/TIME]
Relinquished to lab by [NAME] HAYNES KELLEY [SIGNATURE] [DATE/TIME] 1-10-11 @ 1230
Received in lab by [NAME] [SIGNATURE] [DATE/TIME]
[ ]FX [ ]DHL [X]UPS [ ]USM [ ]HD [ ]DB [ ]COURIER
Unusual Sample Condition Noted: WAYBILL # 5850

[ ] Sample return requested
[ ] Ambient temp [ ] Cool ___ °C
[ ] pH ___ [ ] Cl ___ [ ] R [ ] S

Chain-of-Custody documentation continued internally within lab.

Carefully read the Terms and Conditions on page 2