Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #8

January 20, 2008

APPENDIX A

Laboratory Analytical Results from November 26/27, 2007

Certificate of Analysis

CLIENT INFORMATION

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attention: Shawn Ansbro

Project#: 07-0082

LABORATORY INFORMATION

Contact: Michael H. Leftin, Ph.D.
IAL Job No.: E07-12434
Date Received: 11/28/07

Sample#:
E07-12434-01, E07-12434-02, E07-12434-03, E07-12434-04

Samples for this analysis were received in good condition with a chain of custody.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing.
Once analysis has been performed on canisters that meets regulatory criteria, samples are recycled for future use, unless other provisions have been made by the client.

Analysis conducted at Integrated Analytical Laboratory, Randolph NJ
ELAP lab number - 11402
NJDEP number - 14751
AIHA number - 100201

Michael H. Leftin, Ph.D.
Laboratory Director

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/5/07
Job Number: E07-12434
Date Received: 11/28/07
Date Analyzed: 11/29/07
Data File: 112904
Summa ID: 2886

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-S1126		Reporting Limits	
	IAL ID:	E07-12434-01			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	18	58	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	2.8	8.6	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	ND	ND	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	ND	ND	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	0.60	2.6	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.83	2.9	0.50	1.8
Isopropyl alcohol	67-63-0	0.74	1.8	0.50	1.2
Methyl ethyl ketone	78-93-3	1.5	4.4	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	3.0	12	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	2.1	9.0	0.50	2.2
o-Xylene	95-47-6	0.73	3.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/5/07
Job Number: E07-12434
Date Received: 11/28/07
Date Analyzed: 11/30/07
Data File: 113003
Summa ID: 3059

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-G1126		Reporting Limits	
	IAL ID:	E07-12434-02			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	16	38	0.50	1.2
Benzene	71-43-2	22	71	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	20	60	0.50	1.5
Carbon disulfide	75-15-0	0.52	1.6	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	1.1	2.2	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.4	6.8	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	1.8	7.6	0.50	2.2
4-Ethyltoluene	622-96-8	0.62	3.1	0.50	2.5
Heptane	142-82-5	0.99	4.1	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	1.4	5.0	0.50	1.8
Isopropyl alcohol	67-63-0	1.3	3.2	0.50	1.2
Methyl ethyl ketone	78-93-3	4.2	12	0.50	1.5
Methyl isobutyl ketone	108-10-1	0.91	3.7	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	8.9	34	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	0.52	2.9	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	1.9	9.2	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	0.55	2.7	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	0.55	2.6	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	6.9	30	0.50	2.2
o-Xylene	95-47-6	2.5	11	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/5/07
Job Number: E07-12434
Date Received: 11/28/07
Date Analyzed: 11/30/07
Data File: 113004
Summa ID: 2932

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-W1126		Reporting Limits	
	IAL ID:	E07-12434-03			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	11	36	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	8.0	24	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	1.1	2.2	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.3	6.5	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	2.0	8.6	0.50	2.2
4-Ethyltoluene	622-96-8	0.70	3.4	0.50	2.5
Heptane	142-82-5	0.91	3.7	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	1.2	4.2	0.50	1.8
Isopropyl alcohol	67-63-0	2.1	5.1	0.50	1.2
Methyl ethyl ketone	78-93-3	4.4	13	0.50	1.5
Methyl isobutyl ketone	108-10-1	0.82	3.4	0.50	2.1
Methylene chloride	75-09-2	0.87	3.0	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	7.8	29	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	2.6	13	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	0.78	3.8	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	8.4	36	0.50	2.2
o-Xylene	95-47-6	3.4	15	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/5/07
Job Number: E07-12434
Date Received: 11/28/07
Date Analyzed: 11/29/07
Data File: 112907
Summa ID: 3132

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-C1126		Reporting Limits	
	IAL ID:	E07-12434-04			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	17	53	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	13	40	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	1.1	2.2	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.4	6.9	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	2.0	8.6	0.50	2.2
4-Ethyltoluene	622-96-8	0.68	3.3	0.50	2.5
Heptane	142-82-5	0.87	3.6	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	1.2	4.3	0.50	1.8
Isopropyl alcohol	67-63-0	1.7	4.3	0.50	1.2
Methyl ethyl ketone	78-93-3	4.8	14	0.50	1.5
Methyl isobutyl ketone	108-10-1	0.93	3.8	0.50	2.1
Methylene chloride	75-09-2	0.90	3.1	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	8.2	31	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	0.53	3.0	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	2.1	10	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	0.61	3.0	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	7.9	34	0.50	2.2
o-Xylene	95-47-6	3.0	13	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/4/2007
Job Number: E07-12434
Date Received: 11/28/2007
Date Analyzed: 11/30/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1126
IAL ID: E07-12434-01

Data File: 112904
Canister ID 2886

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Butane	106-97-8	9	2.2	5.2
Ethanol	64-17-5	86	1.4	2.6
Acetonitrile	75-05-8	38	5.2	8.7
Butane, 2-methyl-	78-78-4	16	6.7	20
Pentane	109-66-0	86	1.6	4.7
Propane, 2-ethoxy-2-methyl-	637-92-3	40	1.7	7.1
Butanal	123-72-8	90	2.5	7.4
3-Pentanone	110-54-3	38	1.4	4.9
Ethyl fluoroformate	461-64-3	4	3.6	14

Sample Name: SU-G1126
IAL ID: E07-12434-02

Data File: 112706
Canister ID 3059

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	9	6.2	15
2-Butene, (E)-	624-64-6	80	3.4	7.8
Ethanol	64-17-5	78	2.9	5.5
Acetonitrile	75-05-8	40	23	39
Butanal	123-72-8	90	3.3	9.7
Propanal, 2,2-dimethyl-	630-19-3	38	3.0	11
Furan, tetrahydro-	109-99-9	90	3.4	10
Hexanal	66-25-1	94	2.4	10
Cyclotrisiloxane, hexamethyl-	541-05-9	64	5.8	53
1R-.alpha.-Pinene	7785-70-8	94	8.6	48

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/4/2007
Job Number: E07-12434
Date Received: 11/28/2007
Date Analyzed: 11/30/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1126
IAL ID: E07-12434-03

Data File: 113004
Canister ID 2932

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
1,2-Propadiene	463-49-0	5	696	1139
Pentanal	110-62-3	64	3.9	14
Hexanal	66-25-1	97	3.4	14
.alpha. -Pinene	80-56-8	93	6.8	38

Sample Name: SU-C1126
IAL ID: E07-12434-04

Data File: 112907
Canister ID 3132

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Acetaldehyde	75-07-0	9	5.5	9.9
1-Butene	106-98-9	86	3.2	7.3
Acetonitrile	75-05-8	50	75	126
Butanal	123-72-8	91	2.8	8.2
Furan, tetrahydro-	109-99-9	78	2.9	8.5
Hexanal	66-25-1	97	2.7	11
Cyclotrisiloxane, hexamethyl-	541-05-9	55	4.3	39
1R-.alpha.-Pinene	7785-70-8	94	21	117
.beta. -Pinene	127-91-3	94	3.1	17

Summary of Results

Lawhon & Associates, Inc.
975 Eastwind Drive Suite 190
Westerville, OH 43081
Att: Shawn Ansbro
Jobsite: Countywide
Project: #07-0082

Report Date: 12/10/07
Job Number: E07-12434
Date Received: 11/28/07
Date Analyzed: 12/06/07

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	S1126-01A		S1126-02A		S1126-03A		Reporting
IAL ID:	E07-12434-05		E07-12434-06		E07-12434-07		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1126-01A		G1126-02A		G1126-03A		Reporting
IAL ID:	E07-12434-08		E07-12434-09		E07-12434-10		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.46	0.96	0.44	0.92	0.30	0.63	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Lawhon & Associates, Inc.
Jobsite: Countywide
Project: #07-0082

Job Number: E07-12434

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	W1126-01A		W1126-02A		W1126-03A		Reporting
IAL ID:	E07-12434-11		E07-12434-12		E07-12434-12		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	2.2	4.6	2.0	4.2	2.2	4.6	0.1
Acetaldehyde	0.98	2.0	0.72	1.5	0.58	1.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	0.74	1.5	0.56	1.2	0.38	0.79	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	1.0	2.1	0.90	1.9	0.62	1.3	0.1
Benzaldehyde	1.3	2.8	1.3	2.8	1.2	2.4	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	6.4	13	6.0	13	4.0	8.3	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	16	34	16	34	11	23	0.1

Sample Name:	C1126-01A		C1126-02A		C1126-03A		Reporting
IAL ID:	E07-12434-14		E07-12434-15		E07-12434-16		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.64	1.3	1.2	2.5	0.38	0.79	0.1
Acetaldehyde	< 0.1	< 0.2	0.34	0.71	0.14	0.29	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Propionaldehyde	< 0.1	< 0.2	0.22	0.46	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	0.34	0.71	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	0.54	1.1	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	1.8	3.8	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	1.1	2.4	5.2	11	0.48	1.0	0.1

Notes: Calculations of concentrations in air are based upon air sampling data reported by client.
Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro

Report Date: 12/03/07
Job Number: E07-12434
Date Received:11/28/07
Date Analyzed: 12/03/07

Project: Countywide
Project #: 07-0082

Analysis: Hydrogen Chloride and Hydrogen Fluoride, NIOSH 7903

		Hydrogen Fluoride		Hydrogen Chloride	
Sample ID	IAL ID	ug	ug/m3	ug	ug/m3
S1126 -01H	E07-12434-17	< 0.6	< 1.3	< 0.4	< 0.8
S1126-02H	E07-12434-18	< 0.6	< 1.3	< 0.4	< 0.8
S1126-03H	E07-12434-19	< 0.6	< 1.3	< 0.4	< 0.8
G1126-01H	E07-12434-20	< 0.6	< 1.3	< 0.4	< 0.8
G1126-02H	E07-12434-21	< 0.6	< 1.3	< 0.4	< 0.8
G1126-03H	E07-12434-22	< 0.6	< 1.3	< 0.4	< 0.8
W1126-01H	E07-12434-23	5.6	12	< 0.4	< 0.8
W1126-02H	E07-12434-24	5.8	12	< 0.4	< 0.8
W1126-03H	E07-12434-25	4.3	9.0	< 0.4	< 0.8
C1126-01H	E07-12434-26	< 0.6	< 1.3	< 0.4	< 0.8
C1126-02H	E07-12434-27	< 0.6	< 1.3	< 0.4	< 0.8
C1126-03H	E07-12434-28	2.4	5.0	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

Note: Calculations of concentrations in air are based upon air sampling data reported by client. Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility

Ambient Air Monitoring
Monthly Report #8

January 20, 2008

APPENDIX B

Laboratory Analytical Results from December 02/03, 2007

Certificate of Analysis

CLIENT INFORMATION

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attention: Shawn Ansbro

Project#: 07-0082

LABORATORY INFORMATION

Contact: Michael H. Leftin, Ph.D.
IAL Job No.: E07-12668
Date Received: 12/04/07

Sample#:
E07-12668-01, E07-12668-02, E07-12668-03, E07-12668-04

Samples for this analysis were received in good condition with a chain of custody.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing.
Once analysis has been performed on canisters that meets regulatory criteria, samples are recycled for future use, unless other provisions have been made by the client.

Analysis conducted at Integrated Analytical Laboratory, Randolph NJ
ELAP lab number - 11402
NJDEP number - 14751
AIHA number - 100201

Michael H. Leftin, Ph.D.
Laboratory Director

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/11/07
Job Number: E07-12668
Date Received: 12/4/07
Date Analyzed: 12/5/07
Data File: 120506
Summa ID: 3045

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-S1202		Reporting Limits	
	IAL ID:	E07-12668-01			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.67	2.1	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	ND	ND	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.80	1.7	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.2	6.1	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	0.99	4.3	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	0.93	3.2	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	0.90	3.4	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	0.52	2.9	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	0.86	4.2	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	4.7	20	0.50	2.2
o-Xylene	95-47-6	2.3	10	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/11/07
Job Number: E07-12668
Date Received: 12/4/07
Date Analyzed: 12/5/07
Data File: 120507
Summa ID: 2928

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-G1202		Reporting Limits	
	IAL ID:	E07-12668-02			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	ND	ND	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	ND	ND	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	1.0	2.1	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.2	6.0	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	ND	ND	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	ND	ND	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/11/07
Job Number: E07-12668
Date Received: 12/4/07
Date Analyzed: 12/5/07
Data File: 120508
Summa ID: 3041

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-W1202		Reporting Limits	
	IAL ID:	E07-12668-03			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	1.8	4.3	0.50	1.2
Benzene	71-43-2	ND	ND	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	ND	ND	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	ND	ND	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	ND	ND	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	ND	ND	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.4	6.0	0.50	2.2
o-Xylene	95-47-6	0.70	3.0	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 12/11/07
Job Number: E07-12668
Date Received: 12/4/07
Date Analyzed: 12/5/07, 12/6/07
Data File: 120509, 120602
Summa ID: 2036

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:		SU-C1202		Reporting Limits	
	IAL ID:		E07-12668-04			
Compound	CAS #		ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1		17	39	0.50	1.2
Benzene	71-43-2	D	53	170	0.50	1.6
Bromodichloromethane	75-27-4		ND	ND	0.50	3.4
Bromoethene	593-60-2		ND	ND	0.50	2.2
Bromoform	75-25-2		ND	ND	0.50	5.2
Bromomethane	74-83-9		ND	ND	0.50	1.9
1,3-Butadiene	106-99-0		ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0		21	65	0.50	1.5
Carbon disulfide	75-15-0		ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5		ND	ND	0.50	3.2
Chlorobenzene	108-90-7		ND	ND	0.50	2.3
Chloroethane	75-00-3		ND	ND	0.50	1.3
Chloroform	67-66-3		ND	ND	0.50	2.4
Chloromethane	74-87-3		1.1	2.4	0.50	1.0
3-Chloropropene	107-05-1		ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8		ND	ND	0.50	2.6
Cyclohexane	110-82-7		ND	ND	0.50	1.7
Dibromochloromethane	124-48-1		ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4		ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1		ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1		ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7		ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8		1.3	6.5	0.50	2.5
1,1-Dichloroethane	75-34-3		ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2		ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4		ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2		ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5		ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5		ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5		ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6		ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2		ND	ND	0.50	3.5
Ethylbenzene	100-41-4		1.6	6.9	0.50	2.2
4-Ethyltoluene	622-96-8		0.62	3.1	0.50	2.5
Heptane	142-82-5		0.84	3.4	0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND	0.50	5.3
Hexane	110-54-3		0.92	3.2	0.50	1.8
Isopropyl alcohol	67-63-0		ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3		4.7	14	0.50	1.5
Methyl isobutyl ketone	108-10-1		0.80	3.3	0.50	2.1
Methylene chloride	75-09-2		ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4		ND	ND	0.50	1.8
Styrene	100-42-5		ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5		ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4		ND	ND	0.50	3.4
Toluene	108-88-3		7.1	27	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1		ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6		ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5		ND	ND	0.50	2.7
Trichloroethylene	79-01-6		ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4		0.53	3.0	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6		2.0	9.7	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		0.63	3.1	0.50	2.5
2,2,4-Trimethylpentane	540-84-1		ND	ND	0.50	2.3
Vinyl chloride	75-01-4		ND	ND	0.50	1.3
m or p-Xylene	1330-20-7		6.3	28	0.50	2.2
o-Xylene	95-47-6		2.4	11	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/6/2007
Job Number: E07-12668
Date Received: 12/4/2007
Date Analyzed: 12/5/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1202
IAL ID: E07-12668-01

Data File: 120506
Canister ID 3045

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
3-Butenamide	28446-58-4	33	1.8	3.2
Isobutane	75-28-5	64	1.0	2.4
Butane	106-97-8	72	1.5	3.6
Butane, 2-methyl-	78-78-4	50	3.1	9.1
Pentane	109-66-0	86	1.2	3.5
C2,4,6-Cycloheptarien-1-one, 3,5…	1000161-21-8	30	2.0	20

Sample Name: SU-G1202
IAL ID: E07-12668-02

Data File: 120507
Canister ID 2928

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
3-Butenamide	28446-58-4	28	1.5	2.7
Butane	106-97-8	9	1.0	2.4
Butane, 2-methyl-	78-78-4	50	1.9	5.6

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/6/2007
Job Number: E07-12668
Date Received: 12/4/2007
Date Analyzed: 12/5/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1202
IAL ID: E07-12668-03

Data File: 120508
Canister ID 3041

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
No TICs detected				

Sample Name: SU-C1202
IAL ID: E07-12668-04

Data File: 120509
Canister ID 2036

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	9	5.8	14
Acetaldehyde	75-07-0	56	7.2	13
1-Butene	106-98-9	90	11	25
Ethanol	64-17-5	38	3.2	6.0
Acetonitrile	75-05-8	38	20	34
Butanal	123-72-8	90	6.8	20
Hexanal	66-25-1	94	3.2	13
Cyclotrisiloxane, hexamethyl-	541-05-9	91	5.5	50
2-Heptanone	110-43-0	91	5.5	26
.alpha.-Pinene	80-56-8	93	8.4	47

Summary of Results

Lawhon & Associates, Inc.
975 Eastwind Drive Suite 190
Westerville, OH 43081
Att: Shawn Ansbro
Jobsite: Countywide
Project: #07-0082

Report Date: 12/10/07
Job Number: E07-12668
Date Received: 12/04/07
Date Analyzed: 12/07/07

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	S1202-01A		S1202-02A		S1202-03A		Reporting
IAL ID:	E07-12668-05		E07-12668-06		E07-12668-07		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1202-01A		G1202-02A		G1202-03A		Reporting
IAL ID:	E07-12668-08		E07-12668-09		E07-12668-10		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.14	0.29	0.11	0.22	0.12	0.26	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Lawhon & Associates, Inc. Job Number: E07-12668
Jobsite: Countywide
Project: #07-0082

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	W1202-01A		W1202-02A		W1202-03A		Reporting
IAL ID:	E07-12668-11		E07-12668-12		E07-12668-12		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.48	1.0	0.94	2.0	1.9	4.0	0.1
Acetaldehyde	0.24	0.50	0.32	0.67	0.36	0.75	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	0.12	0.25	0.15	0.32	0.18	0.38	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	0.14	0.29	0.24	0.50	0.1
Benzaldehyde	0.38	0.79	0.54	1.1	0.74	1.5	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	0.46	0.96	0.68	1.4	1.1	2.3	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	1.4	2.8	2.2	4.6	3.4	7.1	0.1

Sample Name:	C1202-01A		C1202-02A		C1202-03A		Reporting
IAL ID:	E07-12668-14		E07-12668-15		E07-12668-16		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.22	0.46	0.30	0.63	0.20	0.41	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Notes: Calculations of concentrations in air are based upon air sampling data reported by client.
Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro

Report Date: 12/10/07
Job Number: E07-12668
Date Received: 12/04/07
Date Analyzed: 12/06/07

Project: Countywide
Project #: 07-0082

Analysis: Hydrogen Chloride and Hydrogen Fluoride, NIOSH 7903

		Hydrogen Fluoride		Hydrogen Chloride	
Sample ID	IAL ID	ug	ug/m3	ug	ug/m3
S1202 -01H	E07-12668-17	< 0.6	< 1.3	< 0.4	< 0.8
S1202-02H	E07-12668-18	< 0.6	< 1.3	< 0.4	< 0.8
S1202-03H	E07-12668-19	0.63	1.3	< 0.4	< 0.8
G1202-01H	E07-12668-20	0.68	1.4	< 0.4	< 0.8
G1202-02H	E07-12668-21	0.84	1.8	< 0.4	< 0.8
G1202-03H	E07-12668-22	0.63	1.3	< 0.4	< 0.8
W1202-01H	E07-12668-23	1.4	3.0	< 0.4	< 0.8
W1202-02H	E07-12668-24	1.2	2.5	< 0.4	< 0.8
W1202-03H	E07-12668-25	2.4	5.0	< 0.4	< 0.8
C1202-01H	E07-12668-26	< 0.6	< 1.3	< 0.4	< 0.8
C1202-02H	E07-12668-27	0.63	1.3	< 0.4	< 0.8
C1202-03H	E07-12668-28	0.68	1.4	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

Note: Calculations of concentrations in air are based upon air sampling data reported by client. Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility

Ambient Air Monitoring
Monthly Report #8

January 20, 2008

APPENDIX C

Laboratory Analytical Results from December 08/09, 2007

Certificate of Analysis

CLIENT INFORMATION

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attention: Shawn Ansbro

Project#: 07-0082

LABORATORY INFORMATION

Contact: Michael H. Leftin, Ph.D.
IAL Job No.: E07-13047
Date Received: 12/11/07

Sample#:
E07-13047-01, E07-13047-02, E07-13047-03, E07-13047-04

Samples for this analysis were received in good condition with a chain of custody.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing.
Once analysis has been performed on canisters that meets regulatory criteria, samples are recycled for future use, unless other provisions have been made by the client.

Analysis conducted at Integrated Analytical Laboratory, Randolph NJ
ELAP lab number - 11402
NJDEP number - 14751
AIHA number - 100201

Michael H. Leftin, Ph.D.
Laboratory Director

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13047
Date Received: 12/11/07
Date Analyzed: 12/18/07
Data File: 121804
Summa ID: 3045A

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-S1208		Reporting Limits	
	IAL ID:	E07-13047-01			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	1.4	4.4	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	0.70	2.1	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.86	1.8	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.4	6.7	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	0.86	3.7	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	1.3	4.6	0.50	1.8
Isopropyl alcohol	67-63-0	0.67	1.7	0.50	1.2
Methyl ethyl ketone	78-93-3	0.51	1.5	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	4.7	18	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	1.1	5.6	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	0.59	2.8	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	3.3	14	0.50	2.2
o-Xylene	95-47-6	1.3	5.7	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13047
Date Received: 12/11/07
Date Analyzed: 12/18/07
Data File: 121805
Summa ID: 3034A

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-G1208		Reporting Limits	
	IAL ID:	E07-13047-02			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.77	2.5	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	2.3	6.9	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.91	1.9	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.4	6.7	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	1.3	4.7	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.1	4.7	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13047
Date Received: 12/11/07
Date Analyzed: 12/18/07
Data File: 121717
Summa ID: 2896B

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-W1208		Reporting Limits	
	IAL ID:	E07-13047-03			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.87	2.8	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	2.5	7.7	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	ND	ND	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.6	7.8	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.50	1.8	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	1.3	4.8	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	0.65	3.7	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.1	4.9	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13047
Date Received: 12/11/07
Date Analyzed: 12/18/07
Data File: 121806
Summa ID: 3008

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-C1208		Reporting Limits	
	IAL ID:	E07-13047-04			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.50	1.6	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	ND	ND	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.90	1.9	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.3	6.6	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	ND	ND	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	ND	ND	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/21/2007
Job Number: E07-13047
Date Received: 12/11/2007
Date Analyzed: 12/17/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1208
IAL ID: E07-13047-01

Data File: 121804
Canister ID 3045A

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	72	1.2	2.8
2-Butene, (Z)-	590-18-1	86	4.4	10
Butane	106-97-8	9	4.5	11
Butane, 2-methyl-	78-78-4	59	6.6	19
1-Pentene	109-67-1	78	1.2	3.4
Pentane	109-66-0	90	2.4	7.1
Pentane, 2-methyl-	107-83-5	91	2.3	8.1
Pentane, 3-methyl-	96-14-0	90	1.2	4.2

Sample Name: SU-G1208
IAL ID: E07-13047-02

Data File: 121805
Canister ID 3034A

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	64	1.3	3.1
Acetaldehyde	75-07-0	5	2.5	4.5
1-Propene, 2-methyl-	115-11-7	91	10	23
Butane	106-97-8	9	5.1	12
Ethanol	64-17-5	86	1.1	2.1
Butane, 2-methyl-	78-78-4	43	1.9	5.6
1-Pentene	109-67-1	83	2.1	6.0
Pentane	109-66-0	86	1.9	5.6
Benzoic acid, 2-[(trimethylsilyl...	3789-85-3	50	1.0	12

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/21/2007
Job Number: E07-13047
Date Received: 12/11/2007
Date Analyzed: 12/17/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1208
IAL ID: E07-13047-03

Data File: 121717
Canister ID 2896B

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	86	1.4	3.3
Acetaldehyde	75-07-0	5	3.0	5.4
1-Propene, 2-methyl-	115-11-7	91	12	27
Butane	106-97-8	50	6.5	15
Ethanol	64-17-5	64	1.1	2.1
Butane, 2-methyl-	78-78-4	43	6.0	18
1-Pentene	109-67-1	72	2.5	7.2
Pentane	109-66-0	87	2.3	6.8

Sample Name: SU-C1208
IAL ID: E07-13047-04

Data File: 121806
Canister ID 3008

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	78	1.2	2.8
1-Butene	106-98-9	86	1.7	3.9
Butane	106-97-8	72	3.1	7.4
Butane, 2-methyl-	78-78-4	58	1.9	5.6
Butanal	123-72-8	90	6.8	20
Cyclotrisiloxane, hexamethyl-	541-05-9	49	1.3	12

Summary of Results

Lawhon & Associates, Inc.
975 Eastwind Drive Suite 190
Westerville, OH 43081
Att: Shawn Ansbro
Jobsite: Countywide
Project: #07-0082

Report Date: 12/17/07
Job Number: E07-13047
Date Received: 12/11/07
Date Analyzed: 12/14/07

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	S1208-01A		S1208-02A		S1208-03A		Reporting
IAL ID:	E07-13047-17		E07-13047-18		E07-13047-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1208-01A		G1208-02A		G1208-03A		Reporting
IAL ID:	E07-13047-20		E07-13047-21		E07-13047-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.42	0.88	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.30	0.63	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.28	0.58	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.64	1.3	0.1

Lawhon & Associates, Inc. Job Number: E07-13047
Jobsite: Countywide
Project: #07-0082

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	W1208-01A		W1208-02A		W1208-03A		Reporting
IAL ID:	E07-13047-23		E07-13047-24		E07-13047-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	C1208-01A		C1208-02A		C1208-03A		Reporting
IAL ID:	E07-13047-26		E07-13047-27		E07-13047-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Notes: Calculations of concentrations in air are based upon air sampling data reported by client.
Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro

Report Date: 12/19/07
Job Number: E07-13047
Date Received:12/11/07
Date Analyzed: 12/19/07

Project: Countywide
Project #: 07-0082

Analysis: Hydrogen Chloride and Hydrogen Fluoride, NIOSH 7903

		Hydrogen Fluoride		Hydrogen Chloride	
Sample ID	IAL ID	ug	ug/m3	ug	ug/m3
S1208 -01H	E07-13047-05	< 0.6	< 1.3	< 0.4	< 0.8
S1208-02H	E07-13047-06	< 0.6	< 1.3	< 0.4	< 0.8
S1208-03H	E07-13047-07	< 0.6	< 1.3	< 0.4	< 0.8
G1208-01H	E07-13047-08	< 0.6	< 1.3	< 0.4	< 0.8
G1208-02H	E07-13047-09	< 0.6	< 1.3	< 0.4	< 0.8
G1208-03H	E07-13047-10	< 0.6	< 1.3	< 0.4	< 0.8
W1208-01H	E07-13047-11	< 0.6	< 1.3	< 0.4	< 0.8
W1208-02H	E07-13047-12	< 0.6	< 1.3	< 0.4	< 0.8
W1208-03H	E07-13047-13	2.4	5.0	< 0.4	< 0.8
C1208-01H	E07-13047-14	< 0.6	< 1.3	< 0.4	< 0.8
C1208-02H	E07-13047-15	< 0.6	< 1.3	< 0.4	< 0.8
C1208-03H*	E07-13047-16	< 0.6	< 1.3	2.9	6.0
Reporting Limit		0.6		0.4	

*Denotes breakthrough from the front to the back of the sorbent tube for Hydrogen Chloride.

Note: Calculations of concentrations in air are based upon air sampling data reported by client. Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility

Ambient Air Monitoring
Monthly Report #8

January 20, 2008

APPENDIX D

Laboratory Analytical Results from December 14/15, 2007

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13294
Date Received: 12/19/07
Date Analyzed: 12/26/07
Data File: 122605
Summa ID: 3287

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-S1214		Reporting Limits	
	IAL ID:	E07-13294-01			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	20	47	0.50	1.2
Benzene	71-43-2	2.4	7.5	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	4.6	14	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.85	1.8	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.1	5.4	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	0.55	2.3	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.54	1.9	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	3.2	9.6	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	2.9	11	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	0.88	4.3	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.7	7.3	0.50	2.2
o-Xylene	95-47-6	0.51	2.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13294
Date Received: 12/19/07
Date Analyzed: 12/21/07
Data File: 122112
Summa ID: 3007

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-G1214		Reporting Limits	
	IAL ID:	E07-13294-02			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	24	57	0.50	1.2
Benzene	71-43-2	3.3	11	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	33	100	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	1.1	2.2	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.3	6.3	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	0.57	2.3	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	3.1	9.1	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	2.4	9.0	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	0.61	3.0	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.3	5.7	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13294
Date Received: 12/19/07
Date Analyzed: 12/21/07, 12/26/07
Data File: 122113, 122606
Summa ID: 3012

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:		SU-W1214			Reporting Limits	
	IAL ID:		E07-13294-03				
Compound	CAS #		ppbv	ug/m3		ppbv	ug/m3
Acetone	67-64-1		ND	ND		0.50	1.2
Benzene	71-43-2		9.3	30		0.50	1.6
Bromodichloromethane	75-27-4		ND	ND		0.50	3.4
Bromoethene	593-60-2		ND	ND		0.50	2.2
Bromoform	75-25-2		ND	ND		0.50	5.2
Bromomethane	74-83-9		ND	ND		0.50	1.9
1,3-Butadiene	106-99-0		ND	ND		0.50	1.1
tert-Butyl alcohol	75-65-0		ND	ND		0.50	1.5
Carbon disulfide	75-15-0		0.69	2.2		0.50	1.6
Carbon tetrachloride	56-23-5		ND	ND		0.50	3.2
Chlorobenzene	108-90-7		ND	ND		0.50	2.3
Chloroethane	75-00-3		ND	ND		0.50	1.3
Chloroform	67-66-3		ND	ND		0.50	2.4
Chloromethane	74-87-3		ND	ND		0.50	1.0
3-Chloropropene	107-05-1		ND	ND		0.50	1.6
2-Chlorotoluene	95-49-8		ND	ND		0.50	2.6
Cyclohexane	110-82-7		4.2	14		0.50	1.7
Dibromochloromethane	124-48-1		ND	ND		0.50	4.3
1,2-Dibromoethane	106-93-4		ND	ND		0.50	3.8
1,2-Dichlorobenzene	95-50-1		ND	ND		0.50	3.0
1,3-Dichlorobenzene	541-73-1		ND	ND		0.50	3.0
1,4-Dichlorobenzene	106-46-7		ND	ND		0.50	3.0
Dichlorodifluoromethane	75-71-8		ND	ND		0.50	2.5
1,1-Dichloroethane	75-34-3		ND	ND		0.50	2.0
1,2-Dichloroethane	107-06-2		ND	ND		0.50	2.0
1,1-Dichloroethylene	75-35-4		ND	ND		0.50	2.0
cis-1,2-Dichloroethylene	156-59-2		ND	ND		0.50	2.0
trans-1,2-Dichloroethylene	156-60-5		ND	ND		0.50	2.0
1,2-Dichloropropane	78-87-5		ND	ND		0.50	2.3
cis-1,3-Dichloropropene	10061-01-5		ND	ND		0.50	2.3
trans-1,3-Dichloropropene	10061-02-6		ND	ND		0.50	2.3
Dichlorotetrafluoroethane	76-14-2		ND	ND		0.50	3.5
Ethylbenzene	100-41-4		5.1	22		0.50	2.2
4-Ethyltoluene	622-96-8		0.93	4.6		0.50	2.5
Heptane	142-82-5		2.8	12		0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND		0.50	5.3
Hexane	110-54-3		25	87		0.50	1.8
Isopropyl alcohol	67-63-0		ND	ND		0.50	1.2
Methyl ethyl ketone	78-93-3		16	47		0.50	1.5
Methyl isobutyl ketone	108-10-1		0.95	3.9		0.50	2.1
Methylene chloride	75-09-2	D	38	133		0.50	1.7
Methyl-t-butyl ether	1634-04-4		ND	ND		0.50	1.8
Styrene	100-42-5		2.2	9.2		0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5		ND	ND		0.50	3.4
Tetrachloroethylene	127-18-4		ND	ND		0.50	3.4
Toluene	108-88-3		33	126		0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ND	ND		0.50	3.8
1,2,4-Trichlorobenzene	120-82-1		ND	ND		0.50	3.7
1,1,1-Trichloroethane	71-55-6		ND	ND		0.50	2.7
1,1,2-Trichloroethane	79-00-5		ND	ND		0.50	2.7
Trichloroethylene	79-01-6		ND	ND		0.50	2.7
Trichlorofluoromethane	75-69-4		ND	ND		0.50	2.8
1,2,4-Trimethylbenzene	95-63-6		4.1	20		0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		1.1	5.3		0.50	2.5
2,2,4-Trimethylpentane	540-84-1		12	58		0.50	2.3
Vinyl chloride	75-01-4		ND	ND		0.50	1.3
m or p-Xylene	1330-20-7		16	68		0.50	2.2
o-Xylene	95-47-6		5.9	25		0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/2/08
Job Number: E07-13294
Date Received: 12/19/07
Date Analyzed: 12/26/07
Data File: 122607
Summa ID: 3004

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-C1214		Reporting Limits	
	IAL ID:	E07-13294-04			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	3.8	12	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	ND	ND	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.54	1.1	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	ND	ND	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	1.0	4.3	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	1.7	5.0	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	3.7	14	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	1.8	8.7	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	4.2	18	0.50	2.2
o-Xylene	95-47-6	1.7	7.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/27/2007
Job Number: E07-13294
Date Received: 12/19/2007
Date Analyzed: 12/21/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1214
IAL ID: E07-13294-01

Data File: 122605
Canister ID 3287

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
1-Propene, 2-methyl-	115-11-7	91	11	26
Ethanol	64-17-5	78	4.7	8.8
Acetonitrile	75-05-8	40	8.3	14
1-Pentene	109-67-1	60	3.6	10
Pentane	109-66-0	86	1.9	5.6
3-Pentanol	584-02-1	39	2.9	10
2-Pentanone	107-87-9	80	4.1	14
Butanal, 3-methyl-	590-86-3	64	1.2	4.2
Cyclotrisiloxane, hexamethyl-	541-05-9	91	2.0	18
1R-.alpha.-Pinene	7785-70-8	94	1.6	8.9

Sample Name: SU-G1214
IAL ID: E07-13294-02

Data File: 122112
Canister ID 3007

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Acetaldehyde	75-07-0	5	4.2	7.6
1-Propene, 2-methyl-	115-11-7	86	12	27
Ethanol	64-17-5	80	4.3	8.1
Acetonitrile	75-05-8	40	6.3	11
1-Pentene	109-67-1	72	4.2	12
Pentane	109-66-0	90	1.8	5.3
Butanal	123-72-8	87	5.2	15
Propanal, 2,2-dimethyl-	630-19-3	86	2.7	9.5
1-Hexene	592-41-6	91	1.8	6.2
1-Heptene	592-76-7	98	1.6	6.4
Heptane, 3-methylene-	1632-16-2	90	2.6	12

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 12/27/2007
Job Number: E07-13294
Date Received: 12/19/2007
Date Analyzed: 12/21/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1214
IAL ID: E07-13294-03

Data File: 122113
Canister ID 3012

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	86	5.1	12
Ethanol	64-17-5	86	29	55
Butane, 2-methyl-	78-78-4	72	50	147
Oxirane, 2,2-dimethyl-	558-30-5	53	127	374
Pentane, 2-methyl-	107-83-5	91	3.9	14
Pentane, 3-methyl-	96-14-0	86	4.3	15
Hexane, 3-methyl-	589-34-4	91	4.5	18
Hexane, 2,4-dimethyl-	589-43-5	91	4.5	21
Pentane, 2,3,4-trimethyl-	565-75-3	91	4.4	21
Decane	124-18-5	95	6.3	37
Undecane	1120-21-4	94	6.6	42

Sample Name: SU-C1214
IAL ID: E07-13294-04

Data File: 122607
Canister ID 3004

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Acetonitrile	75-05-8	5	325	545
Propane, 2-ethoxy-2-methyl-	637-92-3	40	5.9	25
2-Pentanone	107-87-9	78	3.1	11
Hexanal	66-25-1	94	2.1	8.6
1R-.alpha.-Pinene	7785-70-8	95	4.9	27
Benzene, 1-ethyl-3-methyl-	620-14-4	94	1.6	7.9
Bicyclo[3.1.1]heptane, 6,6-dimet...	18172-67-3	94	1.4	7.8

Summary of Results

Lawhon & Associates, Inc.
975 Eastwind Drive Suite 190
Westerville, OH 43081
Att: Shawn Ansbro
Jobsite: Countywide
Project: #07-0082

Report Date: 12/20/07
Job Number: E07-13294
Date Received: 12/19/07
Date Analyzed: 12/20/07

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	S1214-01A		S1214-02A		S1214-03A		Reporting
IAL ID:	E07-13294-17		E07-13294-18		E07-13294-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.12	0.26	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1214-01A		G1214-02A		G1214-03A		Reporting
IAL ID:	E07-13294-20		E07-13294-21		E07-13294-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.13	0.26	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.10	< 0.2	0.1

Lawhon & Associates, Inc.
Jobsite: Countywide
Project: #07-0082

Job Number: E07-13294

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	W1214-01A		W1214-02A		W1214-03A		Reporting
IAL ID:	E07-13294-23		E07-13294-24		E07-13294-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	C1214-01A		C1214-02A		C1214-03A		Reporting
IAL ID:	E07-13294-26		E07-13294-27		E07-13294-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	0.50	1.0	1.1	2.3	0.1
Acetaldehyde	< 0.1	< 0.2	0.11	0.23	0.26	0.54	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.15	0.31	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	0.48	1.0	0.84	1.8	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	0.38	0.79	0.86	1.8	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	1.5	3.1	3.0	6.3	0.1

Notes: Calculations of concentrations in air are based upon air sampling data reported by client.
Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro

Report Date: 12/20/07
Job Number: E07-13294
Date Received:12/19/07
Date Analyzed: 12/20/07

Project: Countywide
Project #: 07-0082

Analysis: Hydrogen Chloride and Hydrogen Fluoride, NIOSH 7903

		Hydrogen Fluoride		Hydrogen Chloride	
Sample ID	IAL ID	ug	ug/m3	ug	ug/m3
S1214 -01H	E07-13294-05	< 0.6	< 1.3	< 0.4	< 0.8
S1214-02H	E07-13294-06	< 0.6	< 1.3	< 0.4	< 0.8
S1214-03H	E07-13294-07	< 0.6	< 1.3	< 0.4	< 0.8
G1214-01H	E07-13294-08	< 0.6	< 1.3	< 0.4	< 0.8
G1214-02H	E07-13294-09	< 0.6	< 1.3	< 0.4	< 0.8
G1214-03H	E07-13294-10	< 0.6	< 1.3	< 0.4	< 0.8
W1214-01H*	E07-13294-11	< 0.6	< 1.3	1.2	2.5
W1214-02H	E07-13294-12	< 0.6	< 1.3	< 0.4	< 0.8
W1214-03H*	E07-13294-13	< 0.6	< 1.3	0.57	1.2
C1214-01H	E07-13294-14	< 0.6	< 1.3	< 0.4	< 0.8
C1214-02H	E07-13294-15	0.89	1.9	< 0.4	< 0.8
C1214-03H	E07-13294-16	2.8	5.8	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

*Denotes breakthrough from the front to the back of the sorbent tube for Hydrogen Chloride.

Note: Calculations of concentrations in air are based upon air sampling data reported by client. Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #8

January 20, 2008

APPENDIX E

Laboratory Analytical Results from December 20/21, 2007

Certificate of Analysis

CLIENT INFORMATION

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attention: Shawn Ansbro

Project#: 07-0082

LABORATORY INFORMATION

Contact: Michael H. Leftin, Ph.D.
IAL Job No.: E07-13551
Date Received: 12/28/07

Sample#:
E07-13551-01, E07-13551-02, E07-13551-03, E07-13551-04

Samples for this analysis were received in good condition with a chain of custody.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing.
Once analysis has been performed on canisters that meets regulatory criteria, samples are recycled for future use, unless other provisions have been made by the client.

Analysis conducted at Integrated Analytical Laboratory, Randolph NJ
ELAP lab number - 11402
NJDEP number - 14751
AIHA number - 100201

Michael H. Leftin, Ph.D.
Laboratory Director

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/10/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/8/08
Data File: 010715
Summa ID:

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-S1220		Reporting Limits	
	IAL ID:	E07-13551-01			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	1.9	6.1	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	4.1	12	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	1.2	2.4	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.2	6.1	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	0.74	3.0	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.97	3.4	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	3.3	9.7	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	3.0	11	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	0.62	3.1	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.5	6.3	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/10/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/8/08
Data File: 010716
Summa ID:

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-G1220		Reporting Limits	
	IAL ID:	E07-13551-02			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	3.6	12	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	2.7	8.2	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	ND	ND	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	0.97	4.8	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	0.50	2.2	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.59	2.1	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	1.9	5.6	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	2.5	9.5	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	0.87	4.3	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.9	8.3	0.50	2.2
o-Xylene	95-47-6	0.73	3.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/10/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/8/08
Data File: 010803
Summa ID:

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-W1220		Reporting Limits	
	IAL ID:	E07-13551-03			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	1.4	4.3	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	20	59	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	ND	ND	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	0.89	4.4	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	0.70	2.9	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.77	2.7	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	1.6	4.8	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	2.1	8.0	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	0.92	4.0	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082
Site: Countywide

Report Date: 1/10/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/8/08
Data File: 010718
Summa ID:

Analysis: Volatile Organic Compounds by EPA Method TO-15m

	Sample Name:	SU-C1220		Reporting Limits	
	IAL ID:	E07-13551-04			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	24	58	0.50	1.2
Benzene	71-43-2	3.3	11	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	28	84	0.50	1.5
Carbon disulfide	75-15-0	ND	ND	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.94	1.9	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	1.1	5.3	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	0.66	2.9	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	0.84	3.4	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.69	2.4	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	3.5	10	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	0.66	2.3	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	2.5	9.5	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	1.3	6.5	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	3.0	13	0.50	2.2
o-Xylene	95-47-6	1.4	6.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 1/9/2008
Job Number: E07-13551
Date Received: 12/28/2007
Date Analyzed: 1/7/2008

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1220
IAL ID: E07-13551-01

Data File: 010715
Canister ID 3006

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	86	4.6	11
1-Propene, 2-methyl-	115-11-7	87	8.0	19
Butane	106-97-8	9	7.0	17
Ethanol	64-17-5	64	2.2	4.1
Acetonitrile	75-05-8	45	7.3	12
Butane, 2-methyl-	78-78-4	12	15	44
1-Pentene	109-67-1	62	3.2	9.2
Pentane	109-66-0	90	3.1	9.1
2-Pentanone	107-87-9	72	4.7	17
Butanal, 3-methyl-	590-86-3	53	1.5	5.3
1R-.alpha.-Pinene	7785-70-8	94	1.5	8.3

Sample Name: SU-G1220
IAL ID: E07-13551-02

Data File: 010716
Canister ID 2897

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
1-Propyne	74-99-7	5	427	699
1S-.alpha.-Pinene	7785-26-4	97	2.4	13
Benzoic acid, 2-[(trimethylsilyl...	3789-85-3	45	3.3	38
Eicosane	112-95-8	38	2.3	27

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro
Project: 07-0082, Countrywide

Report Date: 1/9/2008
Job Number: E07-13551
Date Received: 12/28/2007
Date Analyzed: 1/7/2008

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1220
IAL ID: E07-13551-03

Data File: 010803
Canister ID 2881

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	86	1.3	3.1
Acetaldehyde	75-07-0	9	2.3	4.1
1-Propene, 2-methyl-	115-11-7	80	6.2	15
Butane	106-97-8	64	4.2	10
Acetonitrile	75-05-8	40	9.5	16
Butane, 2-methyl-	78-78-4	32	9.2	27
1-Pentene	109-67-1	58	2.9	8.3
Pentane	109-66-0	90	2.3	6.8
Butanal	123-72-8	91	3.8	11
Propanal, 2,2-dimethyl-	630-19-3	64	2.0	7.0
Heptane, 3-methylene-	1632-16-2	91	1.5	6.9

Sample Name: SU-C1220
IAL ID: E07-13551-04

Data File: 010718
Canister ID 2031

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Acetaldehyde	75-07-0	5	5.7	10
1-Propene, 2-methyl-	115-11-7	87	20	47
Ethanol	64-17-5	78	3.0	5.6
Acetonitrile	75-05-8	45	11	18
1-Pentene	109-67-1	78	4.9	14
Pentane	109-66-0	90	2.7	8.0
Butanal	123-72-8	91	5.4	16
Propanal, 2,2-dimethyl-	630-19-3	64	2.9	10
Cyclopentane, 1,2,4-trimethyl-,...	16883-48-0	90	2.5	11
Limonene	138-86-3	91	11	61
Benzoic acid, 2-[(trimethylsilyl...	3789-85-3	45	3.3	38

Summary of Results

Lawhon & Associates, Inc.
975 Eastwind Drive Suite 190
Westerville, OH 43081
Att: Shawn Ansbro
Jobsite: Countywide
Project: #07-0082

Report Date: 1/9/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/7/08

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	S1220-01A		S1220-02A		S1220-03A		Reporting
IAL ID:	E07-13551-17		E07-13551-18		E07-13551-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1220-01A		G1220-02A		G1220-03A		Reporting
IAL ID:	E07-13551-20		E07-13551-21		E07-13551-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	2.4	5.0	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.60	1.3	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.32	0.67	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.32	0.67	0.1

Summary of Results

Lawhon & Associates, Inc.
975 Eastwind Drive Suite 190
Westerville, OH 43081
Att: Shawn Ansbro
Jobsite: Countywide
Project: #07-0082

Report Date: 1/9/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/7/08

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	S1220-01A		S1220-02A		S1220-03A		Reporting
IAL ID:	E07-13551-17		E07-13551-18		E07-13551-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1220-01A		G1220-02A		G1220-03A		Reporting
IAL ID:	E07-13551-20		E07-13551-21		E07-13551-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	2.4	5.0	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.60	1.3	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.32	0.67	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.32	0.67	0.1

Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	1.3	2.6	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	1.5	3.2	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	5.4	11	0.1

Lawhon & Associates, Inc.
Jobsite: Countywide
Project: #07-0082

Job Number: E07-13551

Analysis: Aldehydes and Ketones, EPA Method TO-11a

Sample Name:	W1220-01A		W1220-02A		W1220-03A		Reporting
IAL ID:	E07-13551-23		E07-13551-24		E07-13551-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.15	0.32	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	C1220-01A		C1220-02A		C1220-03A		Reporting
IAL ID:	E07-13551-26		E07-13551-27		E07-13551-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	1.2	2.5	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.38	0.79	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.14	0.30	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.14	0.30	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	1.0	2.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	0.36	0.75	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	1.7	3.6	0.1

Notes: Calculations of concentrations in air are based upon air sampling data reported by client.
Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Summary of Results

Lawhon and Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081
Attn: Shawn Ansbro

Report Date: 1/9/08
Job Number: E07-13551
Date Received: 12/28/07
Date Analyzed: 1/7/08

Project: Countywide
Project #: 07-0082

Analysis: Hydrogen Chloride and Hydrogen Fluoride, NIOSH 7903

		Hydrogen Fluoride		Hydrogen Chloride	
Sample ID	IAL ID	ug	ug/m3	ug	ug/m3
S1220 -01H	E07-13551-05	1.5	3.2	< 0.4	< 0.8
S1220-02H	E07-13551-06	< 0.6	< 1.3	< 0.4	< 0.8
S1220-03H*	E07-13551-07	< 0.6	< 1.3	2.8	5.9
G1220-01H	E07-13551-08	< 0.6	< 1.3	< 0.4	< 0.8
G1220-02H	E07-13551-09	< 0.6	< 1.3	33	69
G1220-03H	E07-13551-10	4.0	8.3	< 0.4	< 0.8
W1220-01H	E07-13551-11	< 0.6	< 1.3	< 0.4	< 0.8
W1220-02H	E07-13551-12	< 0.6	< 1.3	< 0.4	< 0.8
W1220-03H	E07-13551-13	< 0.6	< 1.3	< 0.4	< 0.8
C1220-01H	E07-13551-14	< 0.6	< 1.3	< 0.4	< 0.8
C1220-02H	E07-13551-15	< 0.6	< 1.3	< 0.4	< 0.8
C1220-03H	E07-13551-16	2.0	4.2	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

*Denotes breakthrough from the front to the back of the sorbent tube for Hydrogen Chloride.

Note: Calculations of concentrations in air are based upon air sampling data reported by client. Analytical results relate only to the samples as received at the laboratory.

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell