Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #5

October 20, 2007

To Fulfill the Requirements Set Forth in Order 5.A. of the Ohio EPA Director's Findings and Orders Dated March 28, 2007

Republic Services of Ohio II, LLC
Countywide Recycling & Disposal Facility
3619 Gracemont Street SW
East Sparta, Ohio 44262

Prepared by
Lawhon & Associates, Inc.
975 Eastwind Drive, Suite 190
Westerville, OH 43081

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #5
October 20, 2007
Monitoring Events #17 through 21

1.0 INTRODUCTION

Beginning on Monday May 21, 2007 ambient air sampling is being conducted every six days as mandated by Order 5.A. of the Ohio EPA Director's Findings and Orders dated March 28, 2007. This report covers the analytical results from the following Monitoring Events.

Event #17: Sunday August 26 to Monday August 27.
Event #18: Tuesday September 4 to Wednesday September 5.
Event #19: Monday September 10 to Tuesday September 11.
Event #20: Sunday September 16 to Monday September 17.
Event #21: Saturday September 22 to Sunday September 23

Air samples were collected over a 24-hour period at four locations: Bolivar Elementary School; the cell tower on the Countywide facility; near the top of the hill at the KOA campground to the northeast of the landfill; and near the small bridge along the road that borders the wetland area immediately to the east of the landfill (Figure 1). The road is the specified route for the trucks entering Countywide facility. The wetland is consistently in the area of maximum impact predicted by the air model. Since there are no people working or residing in the wetland, it is being considered a temporary location until such time as the Agency specifies a fourth permanent monitoring location. The campground is also frequently in the area of impact predicted by the air model. For Event #19 (September 10/11), new sampling equipment was tested by running it in parallel with the standard equipment. The new sampling equipment is designated by the numbers 4, 5, and 6.

As specified by the Ohio EPA in Bryan Zima's March 28, 2007 letter to Jason Perdion of Baker & Hostetler, air samples were analyzed for the following groups of compounds:

- Volatile Organic Compounds (VOCs): EPA Method TO-15 modified with Tentatively Identified Compounds (TICs)
- Sulfur Compounds: EPA Method TO-15 modified
- Aldehydes and Ketones: EPA Method TO-11A
- Hydrogen Fluoride and Hydrogen Chloride: NIOSH Method 7903

All analyses were performed by Integrated Analytical Laboratory (IAL), Randolph, NJ. Certification numbers: ELAP-11402; NJDEP-14751; AIHA-100201.

As a conservative first evaluation, the concentrations of chemicals detected in the air samples were compared to the corresponding USEPA Region 9 Preliminary Remediation Goals (PRGs). The USEPA Region 9 PRG is the concentration of a chemical in the ambient air that is estimated to be without significant risk to a person who would breathe that level of chemical continuously over many decades. The Region 9 PRGs are derived using conservative mathematical formulas and do not represent the level of a chemical in the air (or other environmental media) where health effects are likely to occur. Region 9 PRGs are generally accepted as conservative screening values, such that if the concentration of a chemical in the air is less than the corresponding PRG, most public health officials and regulators are confident that there is no risk to human health. On the other hand, an analytical result that exceeds the corresponding PRG does not mean that there is an unacceptable risk to public health. The chemical that were detected in these Monitoring Events are commonly found at low levels in ambient air. For some compounds such as benzene, the mathematically-derived Region 9 PRG of 0.25 ug/m^3 is lower than the average background concentration of 1.96 ug/m^3 in ambient air in Ohio (Ohio EPA, *Portsmouth Ohio Air Quality Study 2003*). Consequently, finding certain chemicals in ambient air at levels above PRGs that are very close to analytical detection limits is not uncommon and may simply reflect fluctuations in background sources. It should be noted that not all of the compounds found in the air samples have corresponding PRGs.

Ambient environmental/climate conditions are discussed in Section 2.0. Results of the monitoring are discussed in Section 3.0 and summarized in Section 4.0 of this report. Analytical results from the laboratory are provided in the Appendices.

2.0 AMBIENT CONDITIONS

The descriptions of ambient conditions are taken from the Daily Odor Monitoring Summary compiled by Countywide's consultant, Diversified Engineering.

Event #17, August 26/27, 2007:
Average temperature in degrees F: 71, Max. 79, Min. 63
Winds were calm with maximum speeds of 8 mph out of the NE. (The Bolivar elementary school and the cell tower would have been in the prevailing downwind location during this sampling event.)
Average relative humidity 75%. No precipitation.
Complaints: One complaint from a resident at 9863 Sherman Church in Bolivar at 5:50pm on 8/26. Flare #1 maintenance was being conducted at the time.

Event #18, September 04/05, 2007:
Average temperature in degrees F: 70, Max. 86, Min. 57
Winds were calm with maximum speeds of 5 mph out of the SE/W.
Average relative humidity: 85%. No precipitation.
Complaints: One complaint from a resident at 3232 Downing Street in East Sparta at 11:42am.

Event #19: September 10/11, 2007:
Average temperature in degrees F: 70, Max. 78, Min. 62
Winds were calm with maximum speeds of 6 mph out of the NE. (The Bolivar elementary school and the cell tower would have been in the prevailing downwind location during this sampling event.)
Average relative humidity was 84% with fog.
Complaints: One complaint from a traveler on I-77 near mile marker #95. An 18" x 12" tie in to the main vacuum header on the North Slope and Well 56R3 Steam Release due to high pressure related to above tie-in occurred at the time.

Event #20: September 16/17, 2007:
This sampling occurred on a Sunday and Monday. No meteorological data or odor monitoring summary was available for that time period.

Event #21: September 22/23, 2007:
Average temperature in degrees F: 74, Max. 86, Min. 59
Winds average 2 mph with maximum speeds of 17 mph out of the WNW.
Average relative humidity was 68% with no precipitation.
Complaints: One complaint by a camper at the KOA campground located at 3232 Downing Street, East Sparta at 11:58. Inclinometer driller and cap area maintenance was occurring at the time.

3.0 ANALYTICAL RESULTS

The laboratory analyzed the air samples for a large number of chemicals. Only those results that exceeded Region 9 PRGs will be discussed in the body of the report. Other compounds may have been detected in a sample, but were quantified at concentrations below the respective PRG. All of the analytical results from the laboratory are provided in the Appendices.

3.1 Volatile Organic Compounds

Compounds detected by Method TO-15 modified are summarized in Tables 1 through 4. Method TO-15 analyzes air samples collected in a summa canister for the presence of an extensive list of volatile organic compounds. In addition to a "standard analyte" list, this method also has the capability to tentatively identify and estimate the concentration of numerous compounds that are not on the "standard" list. These Tentatively Identified Compounds (TICs) include some compounds for which there are other specific analytical methods. Of particular relevance to interpreting the data from this monitoring effort is the fact that Method TO-15 identifies acetaldehyde, a carbonyl compound that is a specific target for Method TO-11A. All results for acetaldehyde will be discussed in Section 3.3. Data reports from the analytical laboratory are provided in the Appendices. Results that exceeded corresponding Region 9 PRGs and any other relevant findings are

discussed below. Chemicals that were detected below PRGs will not be discussed unless those particular results help to explain other findings.

Event #17, August 26/27, 2007:
Analytical results for Method TO-15 for Event #17 are summarized in Table 1 and provided in Appendix A. No VOCs were detected at concentrations exceeding PRGs. The Bolivar elementary school and the cell tower would have been downwind of the landfill for most of this sampling event.

Event #18, September 04/05, 2007:
Analytical results for Method TO-15 for Event #18 are summarized in Table 2 and provided in Appendix B. Three compounds were measured at levels above their respective PRG.

Event #18: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Upwind)	Cell Tower (Upwind)	Campground (Downwind)	Wetland (Downwind)
Methylene Chloride	**4.1**	3.5	**10**	**11**	2.4
1, 2, 4-Trimethylbenzene	**6.2**	2.8	5.9	5.5	**8.2**
Acetaldehyde (TIC)	**0.82**	ND	ND	**6.7**	ND

Event #19, September 10/11, 2007:
Analytical results for Method TO-15 for Event #19 are summarized in Table 3 and provided in Appendix C. One VOC was detected at levels above its respective PRG.

Event #19: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Downwind)	Cell Tower (Downwind)	Campground (Upwind)	Wetland (Upwind)
Benzene	**0.25**	ND	**1.7**	ND	ND

Event #20, September 16/17, 2007:
Analytical results for Method TO-15 for Event #20 are summarized in Table 4 and provided in Appendix D. No weather data were available for this time period. Two compounds were measured at levels above their respective PRG.

Event #20: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School	Cell Tower	Campground	Wetland
Benzene	**0.25**	**1.7**	ND	ND	ND
Methylene Chloride	**4.1**	2.7	ND	2.2	**22**

Event #21, September 22/23, 2007:
Analytical results for Method TO-15 for Event #20 are summarized in Table 5 and provided in Appendix E. Five compounds were measured at levels above their respective PRG.

Event #21: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Upwind)	Cell Tower (Upwind)	Campground (Crosswind)	Wetland (Downwind)
Benzene	**0.25**	**429D**	**2.9**	**379D**	**67**
Methylene Chloride	**4.1**	ND	**86**	**9.2**	**262D**
1, 2, 4-Trimethylbenzene	**6.2**	**24**	ND	**17**	**3.9**
1, 3, 5-Trimethylbenzene	**6.2**	**7.6**	ND	5.2	**ND**
Acetaldehyde (TIC)	**0.82**	**13**	ND	**13**	**12**

D: Indicates that the laboratory diluted the sample prior to analysis.

3.2 Sulfur Compounds

Two sulfur compounds were detected during Monitoring Event #21 on September 22/23. Carbon disulfide was detected at all four monitoring locations, with the lowest concentration being found at the cell tower. Carbonyl sulfide was also tentatively identified at all of the locations except for the cell tower.

3.3 Aldehydes and Ketones

In order to obtain a continuous 24 hours of data, three separate gel collection tubes were sequentially exposed to ambient air for a period of approximately 8 hours each. Consequently there are three separate sample results for each location for each monitoring event.

Event #17, August 26/27, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected at a concentration above the PRG in one sample from the school. Analytical results are in Appendix A.

Event #17: Aldehydes
Concentrations in ug/m3

Aldehyde	PRG	School (Downwind)			Cell Tower (Downwind)			Campground (Upwind)			Wetland (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	**.43**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Event #18, September 04/05, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected in one sample from the school. Acetaldehyde was detected at a concentration above the PRG by Method TO-15 (but not by Method TO-11A) in the sample from the campground. Analytical results are in Appendix B.

Event #18: Aldehydes
Concentrations in ug/m3

Aldehyde	**PRG**	**School** (Upwind)			**Cell Tower** (Upwind)			**Campground** (Downwind)			**Wetland** (Downwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	**.36**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetaldehyde TO-11A	0.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetaldehyde TO-15 (TIC)	**0.87**	ND			ND			**6.7**			ND		

Event #19, September 10/11, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected in one sample from the school, two samples from the campground, and two samples from the campground. Analytical results are in Appendix C.

Event #19: Aldehydes
Concentrations in ug/m3

Aldehyde	**PRG**	**School** (Downwind)			**Cell Tower** (Downwind)			**Campground** (Upwind)			**Wetland** (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	ND	ND	ND	ND	ND	**.32**	**.24**	ND	**.23**	**.32**	ND	**.23**

Event #20, September 16/17, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected in three samples from the school, two samples from the cell tower, three samples from the campground, and three samples from the wetland. Propionaldehyde was detected in one sample from the school and one sample from the wetland. Acetaldehyde was detected in two samples from the cell tower and three samples from the campground. Although acetaldehyde was not detected at the school by Method TO-15, it was quantified at this location by Method TO-11A at a concentration exceeding the PRG. Analytical results are in Appendix D. No weather data were available for this sampling event.

Event #20: Aldehydes
Concentrations in ug/m3

Aldehyde	PRG	School			Cell Tower			Campground			Wetland		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	**2.4**	**1.7**	**1.0**	**18**	**1.3**	ND	**2.2**	**4.0**	**2.9**	**5.1**	**2.2**	**1.3**
Acetaldehyde TO-11A	**0.87**	ND	ND	ND	**7.1**	**1.0**	ND	.67	**1.3**	**.92**	ND	ND	ND
Propionaldehyde	NA	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND	ND	ND
Butyraldehyde	NA	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	370	ND	ND	ND	3.9	ND	ND	ND	ND	ND	ND	ND	ND
Valeraldehyde	NA	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND
Hexaldehyde	NA	ND	ND	ND	44.6	ND	ND	ND	ND	ND	ND	ND	ND

Event #21, September 22/23, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected in three samples from the cell tower, three samples from the campground, and three samples from the wetland. Hexaldehyde was detected in three samples from the cell tower and two samples from the wetland. Although acetaldehyde was not detected at the school by Method TO-11A, it was quantified at this location by Method TO-15 at a concentration exceeding the PRG. Analytical results are in Appendix E.

Event #21: Aldehydes
Concentrations in ug/m3

Aldehyde	PRG	School (Upwind)			Cell Tower (Upwind)			Campground (Crosswind)			Wetland (Downwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	ND	ND	ND	**.33**	**.27**	**.28**	**.3**	**.29**	**.25**	**.54**	**.36**	**.36**
Hexaldehyde	**NA**	ND	ND	ND	.46	.24	.50	ND	ND	ND	.67	.67	ND
Acetaldehyde TO-11A	**0.87**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetaldehyde TO-15 (TIC)	**0.87**	**13**			ND			**13**			**12**		

3.4 Hydrogen Chloride and Hydrogen Fluoride

As with the aldehyde and ketone samples, three separate gel collection tubes were sequentially exposed to ambient air for a period of approximately 8 hours each. Consequently there are three separate sample results for each location for each monitoring event. The concentrations of HF and HCl in the air are quantified based on the mass of fluoride and chloride ion captured on the gel inside the tubes and the volume of air that was passed through the tube.

Analytical results for sampling events #13 through #16 are summarized below. All detected concentrations are very low, and were orders of magnitude below the PRG for HCl.

Event #17, August 26/27, 2007:
Analytical results are in Appendix A.

Event #17: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Downwind)			Cell Tower (Downwind)			Campground (Upwind)			Wetland (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HCl	210	1.0*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Event #18, September 04/05, 2007:
Analytical results are in Appendix B.

Event #18: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Upwind)			Cell Tower (Upwind)			Campground (Downwind)			Wetland (Downwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HCl	210	2.0	ND	ND	ND	ND	3.3*	ND	ND	ND	ND	1.8	ND

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

Event #19, September 10/11, 2007:
Analytical results are in Appendix C.

Event #19: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Downwind)			Cell Tower (Downwind)			Campground (Upwind)			Wetland (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HCl	210	ND	ND	ND	1.1	ND	ND	.93	ND	ND	ND	ND	ND

Event #20, September 16/17, 2007:
Analytical results are in Appendix D. No weather data were available for this sampling event.

Event #20: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School			Cell Tower			Campground			Wetland		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	1.6	1.5	1.4	8.0	2.2	ND	2.3	3.6	3.1	ND	1.3	1.5
HCl	210	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND

Event #21, September 22/23, 2007:
Analytical results are in Appendix E.

Event #21: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Upwind)			Cell Tower (Upwind)			Campground (Crosswind)			Wetland (Downwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HCl	210	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

4.0 SUMMARY

With the exception of some potentially anomalous results for Monitoring Event #21 from September 22/23, the concentrations and types of compounds detected during Monitoring Events 17 through 20 were consistent with previous rounds of sampling. The Bolivar Elementary School and the cell tower are most frequently upwind of the landfill and especially the school would be relatively uninfluenced by emissions from the landfill on most days except when the winds blow from the north and east. As mentioned in Section 2.0, the elementary school and the cell tower would have been downwind of the landfill most of the time during Monitoring Events 17 and 19. Monitoring results from those two events do not suggest an effect that would be clearly attributed to the landfill.

The Method TO-15 Modified results for Monitoring Event #21 (Table 5) are notable in that the analytical laboratory reported concentrations of acetone, benzene, t-butyl alcohol and methylene chloride that were obtained after diluting the samples. The results from this round of sampling also reported a greater number of compounds detected, including TICs, than most previous rounds of sampling. During the September 22/23 time period the prevailing winds were out of the west/northwest putting the elementary school and the cell tower in the upwind location for most of the sampling event, the campground in the crosswind and the wetland in the predominate downwind location relative to the

landfill. The lowest concentrations of acetone, benzene and t-butyl alcohol were found at the cell tower, but the concentrations of these same compounds from the monitor at the school were higher than the corresponding concentrations at the two downwind locations. This apparently random distribution makes it difficult to identify a common local source for the VOCs found in the four monitoring locations.

The L&A toxicologist contacted the analytical laboratory to inquire if some conditions in the laboratory itself may have been responsible for these seemingly anomalous results. The analytical chemist replied that the laboratory was confident that the results were an accurate reflection of what was actually in the samples.

The protocol for collecting the air samples is being reviewed to determine if contamination could have been introduced into the samples in the field. At this point, the TO-15 Modified results from Monitoring Event #21 are considered suspect and very unlikely to represent actual ambient air quality.

As stated in previous reports, there are numerous potential contributors to the monitoring results including industries and businesses in Bolivar, consumer products used by private residents, motor vehicle traffic and the landfill. Excluding the suspect results from Monitoring Event #21, the air sampling does not suggest either an immediate or a long-term threat to public health that can be related to the emissions from the landfill.

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #5

October 20, 2007

EPA Method TO-15 SUMMARY TABLES

Countywide Recycling & Disposal Facility
EPA Method TO-15 Modified: Volatile Organic Compounds
Table 1: Event #17 Aug 26/27, 2007

Analyte	PRG	Monitoring Location			
		School	*Cell Tower*	*Campground*	*Wetland*
		(Downwind)	(Downwind)	(Upwind)	(Upwind)
		All results in ug/m3			
Method TO-15 Modified					
Dichlorodifluoromethane	210	4.4	4.2	ND	ND
Toluene	400	4.2	2.9	ND	ND
m/p-Xylene	110	7.8	3.4	ND	ND
o-Xylene	110	2.9	ND	ND	ND
Tentatively Identified Compounds					
Acetonitrile	62	6.2	ND	ND	ND
Butane	NA	9.5	14	ND	ND
2-Methyl butane	NA	23	15	ND	ND
Isobutane	NA	ND	9.7	ND	ND
Benzoic acid, 2-[(trimethylsiloxane)]	NA	42	ND	ND	ND
Pentane	NA	8.5	ND	ND	ND

ND = Not Detected
NA = Not Availabe
Shading indicates result exceeds PRG

Countywide Recycling & Disposal Facility
EPA Method TO-15 Modified: Volatile Organic Compounds
Table 2: Event #18 September 04/05, 2007

Analyte	PRG	Monitoring Location			
		School	*Cell Tower*	*Campground*	*Wetland*
		(Upwind)	(Upwind)	(Downwind)	(Downwind)
	All results in ug/m3				
Method TO-15 Modified					
Chloromethane	95	ND	1.2	1.2	ND
Dichlorodifluoromethane	210	4.3	3.5	3.4	3.9
Ethylbenzene	1100	2.3	6.1	6.2	4.1
4-Ethyltoluene	NA	ND	3.5	3.6	3.5
Methyl ethyl ketone	5100	ND	1.5	1.7	ND
Methylene chloride	**4.1**	3.5	10	11	2.4
1, 2, 4-Trimethylbenzene	**6.2**	2.8	5.9	5.5	8.2
1, 3, 5-Trimethylbenzene	6.2	ND	ND	ND	2.9
m/p-Xylene	110	11	30	31	22
o-Xylene	110	4.3	16	16	9.3
Tentatively Identifed Compounds					
Acetaldehyde	**0.87**	ND	ND	6.7	ND
Hexadecane, 2,6,10,14-tetramethyl	NA	404	ND	ND	ND

ND = Not Detected
NA = Not Available
Shading indicates result exceeds PRG

Countywide Recycling & Disposal Facility
EPA Method TO-15 Modified: Volatile Organic Compounds
Table 3: Event #19 September 10/11, 2007

Analyte	PRG	Monitoring Location			
		School	*Cell Tower*	*Campground*	*Wetland*
		(Downwind)	(Downwind)	(Upwind)	(Upwind)
	All results in ug/m3				
Method TO-15 Modified					
Benzene	**0.25**	ND	1.7	ND	ND
Chloromethane	95	ND	1.3	ND	ND
Dichlorodifluoromethane	210	ND	3.8	ND	ND
Ethylbenzene	1100	ND	2.5	ND	ND
Hexane	210	1.8	ND	ND	ND
Methyl ethyl ketone	5100	ND	ND	2	1.5
Methylene chloride	4.1	2.4	2.3	ND	2.3
Toluene	400	2.7	ND	ND	ND
Trichlorofluoromethane	730	ND	ND	ND	3.1
m/p-Xylene	110	4.7	9.9	3.6	ND
o-Xylene	110	ND	4.9	ND	ND
Tentatively Identifed Compounds					
Acetonitrile	62	12	ND	ND	ND
Isobutane	NA	ND	9.7	ND	ND
Butane	NA	ND	14	ND	ND
2-Methyl butane	NA	35	9.7	7.4	18
1, 3-Butadiene, 2-methyl-	NA	ND	ND	ND	23
Pentane	NA	15	5.9	ND	ND
Cyclotrisiloxane, hexamethyl	NA	12	ND	12	21
Cyclotrisiloxane, octamethyl	NA	12	ND	ND	28
Benzenemethanol	NA	6.7	ND	ND	ND
Benzeethanamine	NA	23	ND	ND	ND
Benzoic acid, 2-[(trimethylsiloxane)]	NA	ND	ND	ND	29
Nonanal	NA	ND	ND	ND	6.4

ND = Not Detected
NA = Not Available
Shading indicates result exceeds PRG

Countywide Recycling & Disposal Facility
EPA Method TO-15 Modified: Volatile Organic Compounds
Table 4: Event #20 September 16/17, 2007

Analyte		Monitoring Location			
	PRG	*School*	*Cell Tower*	*Campground*	*Wetland*
		*	*	*	*
	All results in ug/m3				
Method TO-15 Modified					
Benzene	**0.25**	1.7	ND	ND	ND
Chloromethane	95	1.5	1.5	1.3	ND
Dichlorodifluoromethane	210	4	4.1	3.5	ND
Ethylbenzene	210	2.6	7.4	2.5	2.7
Hexane	210	1.8	ND	1.9	1.9
Methyl ethyl ketone	5100	ND	2.1	ND	1.6
Methylene chloride	**4.1**	2.7	ND	2.2	22
Toluene	400	3.1	4.4	ND	ND
Trichlorofluoromethane	730	ND	ND	ND	3
m/p-Xylene	110	9.9	26	11	12
o-Xylene	110	5	8.7	5.3	5
Tentatively Identifed Compounds					
Ethanol	NA	ND	4.3	ND	ND
Isobutane	NA	13	12	3.6	20
Butane	NA	17	10	3.6	18
2-Methyl butane	NA	ND	22	2.1	19
Pentane	NA	6.2	14	ND	9.1
Octadecanal	NA	45	ND	ND	ND
Undecane	NA	ND	ND	ND	10
Cyclotrisiloxane, hexamethyl	NA	ND	19	ND	ND
Propane	NA	ND	25	ND	ND
Pentane	NA	ND	14	ND	ND
Decane	NA	ND	6.4	ND	ND
Pentadecane	NA	ND	20	ND	ND
Hexadecane	NA	ND	18	ND	ND

ND = Not Detected
NA = Not Available
Shading indicates result exceeds PRG

* No meteorological data available

Countywide Recycling & Disposal Facility
EPA Method TO-15 Modified: Volatile Organic Compounds
Table 5: Event #21 September 22/23, 2007

Analyte	PRG	Monitoring Location			
		School	*Cell Tower*	*Campground*	*Wetland*
		(Upwind)	(Upwind)	(Crosswind)	(Downwind)
		All results in ug/m3			
Method TO-15 Modified					
Acetone	3300	406 D	ND	338 D	156 D
Benzene	**0.25**	429 D	2.9	379 D	67
t-Butyl alcohol	NA	310 D	ND	425 D	87
Carbon disulfide	730	26	2.7	24	23
Chloromethane	95	1.8	ND	1.8	ND
Cyclohexane	6200	3.4	2.1	4.3	ND
Dichlorodifluoromethane	210	4.7	3.5	4.4	4.3
Ethylbenzene	1100	18	3.2	13	6.4
4-Ethyltoluene	NA	8.8	ND	6.2	ND
Heptane	NA	7.8	ND	9.4	ND
Hexane	210	49	2.8	55	12
Isopropyl alcohol	NA	ND	6.5	16	ND
Methyl ethyl ketone	5100	25	4.3	32	5.2
Methyl isobutyl ketone	3100	4.4	ND	6.6	ND
Methylene chloride	**4.1**	ND	86	9.2	262 D
Toluene	400	52	19	63	18
Trichlorofluoromethane	730	ND	5.7	ND	22
1, 2, 4-Trimethylbenzene	**6.2**	24	ND	17	3.9
1, 3, 5-Trimethylbenzene	**6.2**	7.6	ND	5.2	ND
2, 2, 4-Trimethylpentane	NA	ND	ND	2.5	ND
m/p-Xylene	110	70	8.2	48	28
o-Xylene	110	28	3.7	17	14
Tentatively Identifed Compounds					
Acetaldehyde	**0.87**	13	ND	13	12
Acetonitrile	62	22	ND	22	10
Butanal	NA	32	ND	41	17
Carbonyl sulfide	NA	25	ND	25	49
Propanal, 2,2-dimethyl	NA	33	ND	34	ND
Hexanal	NA	28	ND	29	ND
Benzene, 1-ethyl-3-methyl	NA	27	ND	ND	ND
1,3-Bis(trimethylsilyl)benzene	NA	ND	21	ND	ND
1R-alpha-pinene	NA	95	ND	267	16
Beta pinene	NA	27	ND	42	ND
1-Propene-2,-methyl	NA	ND	ND	16	32
N-(2-Acetylcyclopentylidene)...	NA	ND	ND	152	ND
Ethanol	NA	ND	2.8	ND	ND
Isobutane	NA	ND	21	ND	ND
Butane	NA	ND	11	ND	15
2-Methyl butane	NA	ND	65	ND	ND
Pentane	NA	ND	74	ND	7.7
Pentane, 2-methyl	NA	ND	4.9	ND	ND

Hexane	210	ND	ND	ND	11
Cyclopropanecarboxamide	NA	ND	21	ND	ND
Octanal	NA	ND	84	ND	ND
Decane	NA	55	8.1	ND	ND
Benzoic acid, 2-[(trimethylsiloxane)]	NA	ND	ND	ND	52
ND = Not Detected					
NA = Not Available					
D=Laboratory diluted the sample in order to run the analysis					
Shading indicates result exceeds PRG					

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #5

October 20, 2007

APPENDIX A

Laboratory Analytical Results from August 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.: E07-08948
Date Received: 08/28/07

Sample#:
E07-08948-01, E07-08948-02, E07-08948-03, E07-08948-04

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: 9/11/07
Job Number: E07-08948
Date Received: 8/28/07
Date Analyzed: 9/5/07
Data File: 090503
Summa ID: 2847

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

	Sample Name:	SU-S0826		Reporting	
	IAL ID:	E07-08948-01		Limits	
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	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	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	1.1	4.2	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	1.8	7.8	0.50	2.2
o-Xylene	95-47-6	0.67	2.9	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: 9/11/07
Job Number: E07-08948
Date Received: 8/28/07
Date Analyzed: 9/7/07
Data File: 090704
Summa ID: 3280

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

	Sample Name:	SU-G0826		Reporting	
	IAL ID:	E07-08948-02		Limits	
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	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	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: 9/11/07
Job Number: E07-08948
Date Received: 8/28/07
Date Analyzed: 9/7/07
Data File: 090705
Summa ID: 3059

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

	Sample Name:	SU-W0826		Reporting	
	IAL ID:	E07-08948-03		Limits	
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	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	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: 9/11/07
Job Number: E07-08948
Date Received: 8/28/07
Date Analyzed: 9/7/07
Data File: 090706
Summa ID: 3043A

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

	Sample Name:	SU-C0826		Reporting Limits	
	IAL ID:	E07-08948-04			
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	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	0.85	4.2	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	0.76	2.9	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	0.78	3.4	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: 9/10/2007
Job Number: E07-08948
Date Received: 8/25/2007
Date Analyzed: 9/7/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S0826
IAL ID: E07-08948-01

Data File: 090503
Canister ID 2847

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Butane	106-97-8	59	4.0	9.5
Acetonitrile	75-05-8	38	3.7	6.2
Butane, 2-methyl-	78-78-4	53	7.9	23
Pentane	109-66-0	90	2.9	8.5
Benzoic acid, 2-[(trimethylsilyl…	3789-85-3	64	5.2	42

Sample Name: SU-G0826
IAL ID: E07-08948-02

Data File: 090704
Canister ID 3280

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3

No TICs Detected

Summary of Results

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

Report Date: 9/10/2007
Job Number: E07-08948
Date Received: 8/25/2007
Date Analyzed: 9/7/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W0826
IAL ID: E07-08948-03

Data File: 090705
Canister ID 3059

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

Sample Name: SU-C0826
IAL ID: E07-08948-04

Data File: 090706
Canister ID 3043A

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	80	4.8	9.7
Butane	106-97-8	9	5.7	14
Butane, 2-methyl-	78-78-4	72	5.0	15

Summary of Results

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

Report Date: 9/17/07
Job Number: E07-08948
Date Received: 8/28/07
Date Analyzed: 9/14/07

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

Sample Name:	S0826-01A		S0826-02A		S0826-03A		Reporting
IAL ID:	E07-08948-17		E07-08948-18		E07-08948-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.19	0.43	< 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	< 1.4	< 0.6	< 1.4	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.5	< 0.2	< 0.5	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.5	< 0.2	< 0.5	< 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:	G0826-01A		G0826-02A		G0826-03A		Reporting
IAL ID:	E07-08948-20		E07-08948-21		E07-08948-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.9	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2

o-Tolualdehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1

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

Job Number: E07-08948

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

Sample Name:	W0826-01A		W0826-02A		W0826-03A		Reporting
IAL ID:	E07-08948-23		E07-08948-24		E07-08948-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.2	< 0.6	< 1.5	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.5	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.5	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.3	0.1

Sample Name:	C0826-01A		C0826-02A		C0826-03A		Reporting
IAL ID:	E07-08948-26		E07-08948-27		E07-08948-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Butyraldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.7	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.3	< 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: 9/12/07
Job Number: E07-08948
Date Received: 8/28/07
Date Analyzed: 9/7/07

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
S0826-01H	E07-08948-05	< 0.6	< 1.4	< 0.4	< 0.9
S0826-02H*	E07-08948-06	< 0.6	< 1.5	0.43	1.0
S0826-03H	E07-08948-07	< 0.6	< 1.3	< 0.4	< 0.8
G0826-01H	E07-08948-08	< 0.6	< 2.0	< 0.4	< 1.2
G0826-02H	E07-08948-09	< 0.6	< 1.3	< 0.4	< 0.8
G0826-03H	E07-08948-10	< 0.6	< 1.4	< 0.4	< 0.8
W0826-01H	E07-08948-11	< 0.6	< 1.4	< 0.4	< 0.8
W0826-02H	E07-08948-12	< 0.6	< 1.3	< 0.4	< 0.8
W0826-03H	E07-08948-13	< 0.6	< 1.6	< 0.4	< 1.0
C0826-01H	E07-08948-14	< 0.6	< 1.8	< 0.4	< 1.1
C0826-02H	E07-08948-15	< 0.6	< 1.3	< 0.4	< 0.8
C0826-03H	E07-08948-16	< 0.6	< 1.4	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

*Denotes breakthrough from the front to the back of the sorbent tube for 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 #5

October 20, 2007

APPENDIX B

Laboratory Analytical Results from September 04/05, 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.: E07-09311
Date Received: 09/06/07

Sample#:
E07-09311-01, E07-09311-02, E07-09311-03, E07-09311-04

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: 9/19/07
Job Number: E07-09311
Date Received: 9/6/07
Date Analyzed: 9/10/07
Data File: 091003
Summa ID: 3026

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

	Sample Name:	SU-S0904		Reporting Limits	
	IAL ID:	E07-09311-01			
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	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	0.86	4.3	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	0.52	2.3	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	1.0	3.5	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	0.56	2.8	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	2.6	11	0.50	2.2
o-Xylene	95-47-6	0.98	4.3	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: 9/19/07
Job Number: E07-09311
Date Received: 9/6/07
Date Analyzed: 9/18/07
Data File: 091801_070918161938
Summa ID: 3038

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

	Sample Name:	SU-G0904		Reporting Limits	
	IAL ID:	E07-09311-02			
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	0.57	1.2	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	0.68	3.4	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	1.4	6.2	0.50	2.2
4-Ethyltoluene	622-96-8	0.73	3.6	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	0.57	1.7	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	3.1	11	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	1.1	5.5	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	7.1	31	0.50	2.2
o-Xylene	95-47-6	3.6	16	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: 9/19/07
Job Number: E07-09311
Date Received: 9/6/07
Date Analyzed: 9/10/07
Data File: 091005
Summa ID: 9377B

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

	Sample Name:	SU-W0904		Reporting Limits	
	IAL ID:	E07-09311-03			
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	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	0.79	3.9	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	0.95	4.1	0.50	2.2
4-Ethyltoluene	622-96-8	0.71	3.5	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	0.69	2.4	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	1.7	8.2	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	0.58	2.9	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	5.1	22	0.50	2.2
o-Xylene	95-47-6	2.1	9.3	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: 9/19/07
Job Number: E07-09311
Date Received: 9/6/07
Date Analyzed: 9/18/07
Data File: 091802
Summa ID: 2036

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

	Sample Name:	SU-C0904		Reporting Limits	
	IAL ID:	E07-09311-04			
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	0.58	1.2	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	0.71	3.5	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	1.4	6.1	0.50	2.2
4-Ethyltoluene	622-96-8	0.72	3.5	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	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	3.0	10	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	1.2	5.9	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	7.0	30	0.50	2.2
o-Xylene	95-47-6	3.6	16	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: 9/19/2007
Job Number: E07-09311
Date Received: 9/6/2007
Date Analyzed: 9/10-9/18

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W0904
IAL ID: E07-09311-03

Data File: 091005
Canister ID 9377B

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	86	5.3	9.7
Butane	106-97-8	64	7.2	17
Butane, 2-methyl-	78-78-4	43	8.5	25
1,3-Butadiene, 2-methyl-	78-79-5	91	3.0	24
1R- .alpha. -Pinene	80-56-8	83	1.0	5.6
Benzene, 1-ethyl-3-methyl-	620-14-4	90	1.0	4.9

Sample Name: SU-C0904
IAL ID: E07-09311-04

Data File: 091802
Canister ID 2036

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	56	4.7	9.7
Butane	106-97-8	50	6.0	14
Butane, 2-methyl-	78-78-4	43	7.0	21
1,3-Butadiene, 2-methyl-	78-79-5	91	2.1	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: 9/19/07
Job Number: E07-09311
Date Received: 9/06/07
Date Analyzed: 9/18/07

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

Sample Name:	S0904-01A		S0904-02A		S0904-03A		Reporting
IAL ID:	E07-09311-17		E07-09311-18		E07-09311-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.16	0.36	< 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:	G0904-01A		G0904-02A		G0904-03A		Reporting
IAL ID:	E07-09311-20		E07-09311-21		E07-09311-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Benzaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.6	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.5	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.5	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1

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

Job Number: E07-09311

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

Sample Name:	W0904-01A		W0904-02A		W0904-03A		Reporting
IAL ID:	E07-09311-23		E07-09311-24		E07-09311-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.9	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.6	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.6	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.3	< 0.1	< 0.2	0.1

Sample Name:	C0904-01A		C0904-02A		C0904-03A		Reporting
IAL ID:	E07-09311-26		E07-09311-27		E07-09311-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Acrolein	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.7	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.3	< 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: 9/13/07
Job Number: E07-09311
Date Received: 9/06/07
Date Analyzed: 9/12/07

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
S0904-01H	E07-09311-05	< 0.6	< 1.4	0.88	2.0
S0904-02H	E07-09311-06	< 0.6	< 1.5	< 0.4	< 0.9
S0904-03H	E07-09311-07	< 0.6	< 1.3	< 0.4	< 0.8
G0904-01H	E07-09311-08	< 0.6	< 2.0	< 0.4	< 1.2
G0904-02H	E07-09311-09	< 0.6	< 1.3	< 0.4	< 0.8
G0904-03H	E07-09311-10	< 0.6	< 1.4	< 0.4	< 0.8
W0904-01H	E07-09311-11	< 0.6	< 1.4	< 0.4	< 0.8
W0904-02H	E07-09311-12	< 0.6	< 1.3	0.88	1.8
W0904-03H	E07-09311-13	< 0.6	< 1.6	< 0.4	< 1.0
C0904-01H	E07-09311-14	< 0.6	< 1.8	< 0.4	< 1.1
C0904-02H	E07-09311-15	< 0.6	< 1.3	< 0.4	< 0.8
C0904-03H*	E07-09311-16	< 0.6	< 1.4	1.5	3.3
Reporting Limit		0.6		0.4	

*Denotes breakthrough from the front to the back of sorbent tube for 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 #5

October 20, 2007

APPENDIX C

Laboratory Analytical Results from September 10/11, 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.: E07-09561
Date Received: 09/12/07

Sample#:
E07-09561-01, E07-09561-02, E07-09561-03, E07-09561-04

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: 9/27/07
Job Number: E07-09561
Date Received: 9/12/07
Date Analyzed: 9/20/07
Data File: 092010
Summa ID: 2034

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

	Sample Name:	SU-S0910		Reporting Limits	
	IAL ID:	E07-09561-01			
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	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	0.51	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	0.68	2.4	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	0.71	2.7	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: 9/27/07
Job Number: E07-09561
Date Received: 9/12/07
Date Analyzed: 9/26/07
Data File: 092601
Summa ID: 3030

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

	Sample Name:	SU-G0910		Reporting Limits	
	IAL ID:	E07-09561-02			
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	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	0.67	2.0	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	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	0.82	3.6	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: 9/27/07
Job Number: E07-09561
Date Received: 9/12/07
Date Analyzed: 9/20/07
Data File: 092012
Summa ID: 2886

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

	Sample Name:	SU-W0910		Reporting Limits	
	IAL ID:	E07-09561-03			
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	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	0.50	1.5	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	0.67	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	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	0.55	3.1	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: 9/27/07
Job Number: E07-09561
Date Received: 9/12/07
Date Analyzed: 9/26/07
Data File: 092602
Summa ID: 2898

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

	Sample Name:	SU-C0910		Reporting Limits	
	IAL ID:	E07-09561-04			
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.52	1.7	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	0.64	1.3	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	0.76	3.8	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	0.58	2.5	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	0.66	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	0.82	3.1	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	2.3	9.9	0.50	2.2
o-Xylene	95-47-6	1.1	4.9	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: 9/26/2007
Job Number: E07-09561
Date Received: 9/12/2007
Date Analyzed: 9/20-9/26/07

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S0910
IAL ID: E07-09561-01

Data File: 092010
Canister ID 2034

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Acetonitrile	75-05-8	38	7.2	12
Butane, 2-methyl-	78-78-4	58	12	35
Pentane	109-66-0	86	5.0	15
Cyclotrisiloxane, hexamethyl-	541-05-9	50	1.3	12
Cyclotetrasiloxane, octamethyl-	556-67-2	40	1.0	12
Benzenemethanol, .alpha., .alpha....	617-94-7	80	1.2	6.7
Benzeethanamine, N-[(pentafluo...	55429-85-1	56	1.2	23

Sample Name: SU-G0910
IAL ID: E07-09561-02

Data File: 092601
Canister ID 3030

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Butane, 2-methyl-	78-78-4	38	2.5	7.4
Cyclotrisiloxane, hexamethyl-	541-05-9	83	1.3	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: 9/26/2007
Job Number: E07-09561
Date Received: 9/12/2007
Date Analyzed: 9/20-9/26/07

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W0910
IAL ID: E07-09561-03

Data File: 092012
Canister ID 2886

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Butane, 2-methyl-	78-78-4	35	6.0	18
1,3-Butadiene, 2-methyl-	78-79-5	90	2.9	23
Cyclotrisiloxane, hexamethyl-	541-05-9	53	2.3	21
Cyclotetrasiloxane, octamethyl-	556-67-2	86	2.3	28
Nonanal	124-19-6	90	1.1	6.4
Benzoic acid, 2-[(trimethylsilyl…	3789-85-3	64	2.5	29

Sample Name: SU-C0910
IAL ID: E07-09561-04

Data File: 092602
Canister ID 2898

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	80	4.2	9.7
Butane	106-97-8	59	6.1	14
Butane, 2-methyl-	78-78-4	64	3.3	9.7
Pentane	109-66-0	91	2.0	5.9

Summary of Results

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

Report Date: 9/24/07
Job Number: E07-09561
Date Received: 9/12/07
Date Analyzed: 9/20/07

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

Sample Name:	S0910-01A		S0910-02A		S0910-03A		Reporting
IAL ID:	E07-09561-20		E07-09561-21		E07-09561-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.9	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.6	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.3	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G0910-01A		G0910-02A		G0910-03A		Reporting
IAL ID:	E07-09561-23		E07-09561-24		E07-09561-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.10	0.24	< 0.1	< 0.5	0.10	0.23	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1

Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.4	< 0.6	< 3.0	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.5	< 0.2	< 1.0	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.5	< 0.2	< 1.0	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.5	< 0.1	< 0.2	0.1

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

Job Number: E07-09561

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

Sample Name:	W0910-01A		W0910-02A		W0910-03A		Reporting
IAL ID:	E07-09561-26		E07-09561-27		E07-09561-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.14	0.32	< 0.1	< 0.2	0.11	0.23	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.24	0.50	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	< 1.4	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.5	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.5	< 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:	C0910-01A		C0910-02A		C0910-03A		Reporting
IAL ID:	E07-09561-29		E07-09561-30		E07-09561-31		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1

Acrolein	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.4	< 0.6	< 2.2	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.5	< 0.2	< 0.7	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.5	< 0.2	< 0.7	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.4	< 0.1	< 0.2	0.1

Lawhon & Associates, Inc. Job Number: E07-09561
Jobsite: Countywide
Project: #07-0082

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

Sample Name:	S0910-04A		S0910-05A		S0910-06A		Reporting
IAL ID:	E07-09561-32		E07-09561-33		E07-09561-34		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	< 1.4	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.5	< 0.2	< 0.4	< 0.2	< 0.4	0.2

o-Tolualdehyde	< 0.2	< 0.5	< 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: 9/20/07
Job Number: E07-09561
Date Received: 9/12/07
Date Analyzed: 9/19/07

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
S0910-01H	E07-09561-05	< 0.6	< 2.0	< 0.4	< 1.2
S0910-02H	E07-09561-06	< 0.6	< 1.3	< 0.4	< 0.8
S0910-03H	E07-09561-07	< 0.6	< 1.4	< 0.4	< 0.8
G0910-01H	E07-09561-08	< 0.6	< 1.5	0.40	0.93
G0910-02H	E07-09561-09	< 0.6	< 3.1	< 0.4	< 1.9
G0910-03H	E07-09561-10	< 0.6	< 1.4	< 0.4	< 0.8
W0910-01H	E07-09561-11	< 0.6	< 1.4	< 0.4	< 0.9
W0910-02H	E07-09561-12	< 0.6	< 1.3	< 0.4	< 0.8
W0910-03H	E07-09561-13	< 0.6	< 1.3	< 0.4	< 0.8
C0910-01H	E07-09561-14	< 0.6	< 1.4	< 0.4	< 0.9
C0910-02H	E07-09561-15	< 0.6	< 2.3	< 0.4	< 1.4
C0910-03H	E07-09561-16	< 0.6	< 1.3	< 0.4	< 0.8
S0910-04H	E07-09561-17	< 0.6	< 1.3	0.52	1.1
S0910-05H	E07-09561-18	< 0.6	< 1.3	< 0.4	< 0.8
S0910-06H	E07-09561-19	< 0.6	< 1.5	< 0.4	< 0.9
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 #5

October 20, 2007

APPENDIX D

Laboratory Analytical Results from September 16/17, 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.: E07-09740
Date Received: 09/18/07

Sample#:
E07-09740-01, E07-09740-02, E07-09740-03, E07-09740-04

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: 9/28/07
Job Number: E07-09740
Date Received: 9/18/07
Date Analyzed: 9/27/07
Data File: 092701
Summa ID: 2890

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

	Sample Name:	SU-S0916		Reporting	
	IAL ID:	E07-09740-01		Limits	
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.53	1.7	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	0.68	1.4	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	0.81	4.0	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	0.59	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	0.52	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	0.77	2.7	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	0.81	3.1	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	2.3	9.9	0.50	2.2
o-Xylene	95-47-6	1.1	5.0	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: 9/28/07
Job Number: E07-09740
Date Received: 9/18/07
Date Analyzed: 9/26/07
Data File: 092603
Summa ID: 3039A

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

	Sample Name:	SU-G0916		Reporting Limits	
	IAL ID:	E07-09740-02			
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	0.63	1.3	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	0.70	3.5	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	0.58	2.5	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	0.54	1.9	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	0.63	2.2	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	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	2.5	11	0.50	2.2
o-Xylene	95-47-6	1.2	5.3	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: 9/28/07
Job Number: E07-09740
Date Received: 9/18/07
Date Analyzed: 9/24/07
Data File: 092405
Summa ID: 3033

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

	Sample Name:	SU-W0916		Reporting Limits	
	IAL ID:	E07-09740-03			
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	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	0.61	2.7	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	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	0.55	1.6	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	6.3	22	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	0.53	3.0	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	2.8	12	0.50	2.2
o-Xylene	95-47-6	1.2	5.0	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: 9/28/07
Job Number: E07-09740
Date Received: 9/18/07
Date Analyzed: 9/27/07
Data File: 092702
Summa ID: 3035A

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

	Sample Name:	SU-C0916		Reporting	
	IAL ID:	E07-09740-04		Limits	
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	0.73	1.5	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	0.82	4.1	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	1.7	7.4	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	0.70	2.1	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	1.2	4.4	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	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	6.0	26	0.50	2.2
o-Xylene	95-47-6	2.0	8.7	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: 9/28/2007
Job Number: E07-09740
Date Received: 9/18/2007
Date Analyzed: 9/24-9/27/07

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S0916
IAL ID: E07-09740-01

Data File: 092701
Canister ID 2890

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	59	5.3	13
Butane	106-97-8	59	7.0	17
Pentane	109-66-0	86	2.1	6.2
Octadecanal	638-66-4	86	4.1	45

Sample Name: SU-G0916
IAL ID: E07-09740-02

Data File: 092603
Canister ID 3039A

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	80	3.6	8.5
Butane	106-97-8	50	3.6	8.5
Butane, 2-methyl-	78-78-4	64	2.1	6.2

Summary of Results

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

Report Date: 9/28/2007
Job Number: E07-09740
Date Received: 9/18/2007
Date Analyzed: 9/24-9/27/07

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W0916
IAL ID: E07-09740-03

Data File: 092405
Canister ID 3033

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Isobutane	75-28-5	58	8.5	20
Butane	106-97-8	50	7.4	18
Butane, 2-methyl-	78-78-4	72	6.6	19
Pentane	109-66-0	80	3.1	9.1
Undecane	1120-21-4	70	1.6	10

Sample Name: SU-C0916
IAL ID: E07-09740-04

Data File: 092702
Canister ID 3035A

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-7	7	14	25
Isobutane	75-28-5	72	5.1	12
Butane	106-97-8	64	4.3	10
Ethanol	64-17-5	7	2.3	4.3
Butane, 2-methyl-	78-78-4	64	7.5	22
Pentane	109-66-0	90	4.7	14
Cyclotrisiloxane, hexamethyl-	541-05-9	49	2.1	19
Decane	124-18-5	95	1.1	6.4
Pentadecane	629-62-9	94	2.3	20
Hexadecane	544-76-3	99	1.9	18

Summary of Results

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

Report Date: 10/01/07
Job Number: E07-09740
Date Received: 9/18/07
Date Analyzed: 9/27/07

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

Sample Name:	S0916-01A		S0916-02A		S0916-03A		Reporting
IAL ID:	E07-09740-17		E07-09740-18		E07-09740-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	1.1	2.4	0.80	1.7	0.46	1.0	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	0.16	0.34	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:	G0916-01A		G0916-02A		G0916-03A		Reporting
IAL ID:	E07-09740-20		E07-09740-21		E07-09740-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	1.1	2.2	1.9	4.0	1.4	2.9	0.1
Acetaldehyde	0.32	0.67	0.62	1.3	0.44	0.92	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: E07-09740
Jobsite: Countywide
Project: #07-0082

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

Sample Name:	W0916-01A		W0916-02A		W0916-03A		Reporting
IAL ID:	E07-09740-23		E07-09740-24		E07-09740-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	2.5	5.1	1.1	2.2	0.60	1.3	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	0.28	0.58	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:	C0916-01A		C0916-02A		C0916-03A		Reporting
IAL ID:	E07-09740-26		E07-09740-27		E07-09740-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	8.5	18	0.64	1.3	< 0.1	< 0.2	0.1
Acetaldehyde	3.4	7.1	0.50	1.0	< 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	2.6	5.5	< 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	1.5	3.1	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	1.9	3.9	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.4	0.6
Valeraldehyde	6.4	13	< 0.2	< 0.4	< 0.2	< 0.5	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.5	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	21.4	44.6	< 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: 9/27/07
Job Number: E07-07470
Date Received: 9/18/07
Date Analyzed: 9/24/07

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
S0916-01H	E07-09740-05	0.79	1.6	< 0.4	< 0.8
S0916-02H	E07-09740-06	0.74	1.5	< 0.4	< 0.8
S0916-03H	E07-09740-07	0.68	1.4	< 0.4	< 0.8
G0916-01H	E07-09740-08	1.1	2.3	< 0.4	< 0.8
G0916-02H	E07-09740-09	1.7	3.6	< 0.4	< 0.8
G0916-03H	E07-09740-10	1.5	3.1	< 0.4	< 0.8
W0916-01H	E07-09740-11	< 0.6	< 1.3	< 0.4	< 0.8
W0916-02H	E07-09740-12	0.63	1.3	< 0.4	0.8
W0916-03H	E07-09740-13	0.74	1.5	< 0.4	< 0.8
C0916-01H	E07-09740-14	3.8	8.0	< 0.4	< 0.8
C0916-02H	E07-09740-15	1.1	2.2	0.46	1.0
C0916-03H	E07-09740-16	< 0.6	< 1.5	< 0.4	< 0.9
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 #5

October 20, 2007

APPENDIX E

Laboratory Analytical Results from September 22/23, 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.: E07-10015
Date Received: 09/25/07

Sample#:
E07-10015-01, E07-10015-02, E07-10015-03, E07-10015-04

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: 10/8/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/2/07, 10/3/07
Data File: 100207, 100305
Summa ID: 3042

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

	Sample Name:		SU-S0922		Reporting Limits	
	IAL ID:		E07-10015-01			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	D	171	406	0.50	1.2
Benzene	71-43-2	D	134	429	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	D	102	310	0.50	1.5
Carbon disulfide	75-15-0		8.2	26	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		0.88	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		0.99	3.4	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		0.95	4.7	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		4.0	18	0.50	2.2
4-Ethyltoluene	622-96-8		1.8	8.8	0.50	2.5
Heptane	142-82-5		1.9	7.8	0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND	0.50	5.3
Hexane	110-54-3		14	49	0.50	1.8
Isopropyl alcohol	67-63-0		ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3		8.6	25	0.50	1.5
Methyl isobutyl ketone	108-10-1		1.1	4.4	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		14	52	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		4.9	24	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		1.6	7.6	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		16	70	0.50	2.2
o-Xylene	95-47-6		6.4	28	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: 10/8/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/2/07, 10/3/07
Data File: 100208, 100306
Summa ID: 2899

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

	Sample Name:		SU-G0922		Reporting Limits	
	IAL ID:		E07-10015-02			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	D	142	338	0.50	1.2
Benzene	71-43-2	D	119	379	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	D	140	425	0.50	1.5
Carbon disulfide	75-15-0		7.6	24	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		1.2	4.3	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		3.0	13	0.50	2.2
4-Ethyltoluene	622-96-8		1.3	6.2	0.50	2.5
Heptane	142-82-5		2.3	9.4	0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND	0.50	5.3
Hexane	110-54-3		16	55	0.50	1.8
Isopropyl alcohol	67-63-0		6.7	16	0.50	1.2
Methyl ethyl ketone	78-93-3		11	32	0.50	1.5
Methyl isobutyl ketone	108-10-1		1.6	6.6	0.50	2.1
Methylene chloride	75-09-2		2.7	9.2	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		17	63	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		3.4	17	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		1.1	5.2	0.50	2.5
2,2,4-Trimethylpentane	540-84-1		0.54	2.5	0.50	2.3
Vinyl chloride	75-01-4		ND	ND	0.50	1.3
m or p-Xylene	1330-20-7		11	48	0.50	2.2
o-Xylene	95-47-6		4.0	17	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: 10/8/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/2/07, 10/3/07
Data File: 100209, 100307
Summa ID: 3130

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

	Sample Name:		SU-W0922		Reporting Limits	
	IAL ID:		E07-10015-03			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	D	66	156	0.50	1.2
Benzene	71-43-2		21	67	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		29	87	0.50	1.5
Carbon disulfide	75-15-0		7.3	23	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		0.86	4.3	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		1.5	6.4	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		3.4	12	0.50	1.8
Isopropyl alcohol	67-63-0		ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3		1.8	5.2	0.50	1.5
Methyl isobutyl ketone	108-10-1		ND	ND	0.50	2.1
Methylene chloride	75-09-2	D	76	262	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		4.9	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		3.8	22	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6		0.79	3.9	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		6.5	28	0.50	2.2
o-Xylene	95-47-6		3.1	14	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: 10/8/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/2/07, 10/3/07
Data File: 100209, 100307
Summa ID: 3130

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

	Sample Name:		SU-W0922		Reporting Limits	
	IAL ID:		E07-10015-03			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	D	66	156	0.50	1.2
Benzene	71-43-2		21	67	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		29	87	0.50	1.5
Carbon disulfide	75-15-0		7.3	23	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		0.86	4.3	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		1.5	6.4	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		3.4	12	0.50	1.8
Isopropyl alcohol	67-63-0		ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3		1.8	5.2	0.50	1.5
Methyl isobutyl ketone	108-10-1		ND	ND	0.50	2.1
Methylene chloride	75-09-2	D	76	262	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		4.9	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		3.8	22	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6		0.79	3.9	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		6.5	28	0.50	2.2
o-Xylene	95-47-6		3.1	14	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: 10/8/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/2/07
Data File: 100210
Summa ID: 3277

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

	Sample Name:	SU-C0922		Reporting Limits	
	IAL ID:	E07-10015-04			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.92	2.9	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	0.86	2.7	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	0.61	2.1	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	0.71	3.5	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	0.73	3.2	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	0.79	2.8	0.50	1.8
Isopropyl alcohol	67-63-0	2.7	6.5	0.50	1.2
Methyl ethyl ketone	78-93-3	1.5	4.3	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	25	86	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	4.9	19	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	1.0	5.7	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	1.9	8.2	0.50	2.2
o-Xylene	95-47-6	0.84	3.7	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: 10/4/2007
Job Number: E07-10015
Date Received: 9/25/2007
Date Analyzed: 10/3/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S0922
IAL ID: E07-10015-01

Data File: 100207
Canister ID 3042

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	5	10	25
Acetaldehyde	75-07-0	64	7.4	13
Acetonitrile	75-05-8	74	13	22
Butanal	123-72-8	90	11	32
Propanal, 2,2-dimethyl-	630-19-3	64	9.4	33
Hexanal	66-25-1	94	6.8	28
1R- .alpha. -Pinene	7785-70-8	94	17	95
Benzene, 1-ethyl-3-methyl-	620-14-4	91	5.4	27
.beta. -Pinene	127-91-3	91	4.9	27
Decane	124-18-5	95	9.5	55

Sample Name: SU-G0922
IAL ID: E07-10015-02

Data File: 100208
Canister ID 2899

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	5	10	25
Acetaldehyde	75-07-0	64	7.4	13
1-Propene- 2,-methyl-	115-11-7	86	7.1	16
Acetonitrile	75-05-8	45	13	22
Butanal	123-72-8	90	14	41
Propanal, 2,2-dimethyl-	630-19-3	80	9.8	34
Hexanal	66-25-1	96	7.1	29
N-(2-Acetylcyclopentylidene)cycl…	1000100-48-5	59	18	152
1R- .alpha. -Pinene	7785-70-8	95	48	267
.beta. -Pinene	127-91-3	90	7.5	42

Summary of Results

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

Report Date: 10/4/2007
Job Number: E07-10015
Date Received: 9/25/2007
Date Analyzed: 10/3/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W0922
IAL ID: E07-10015-03

Data File: 100209
Canister ID 3130

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	9	20	49
Acetaldehyde	75-07-0	3	6.7	12
1-Propene- 2,-methyl-	115-11-7	91	14	32
Butane	106-97-8	50	6.3	15
Acetonitrile	75-05-8	40	6.2	10
Pentane	109-66-0	91	2.6	7.7
Butanal	123-72-8	91	5.9	17
Hexane	110-54-3	72	3.1	11
1R- .alpha. -Pinene	7785-70-8	94	2.9	16
Benzoic acid, 2- [(trimethylsilyl…	3789-85-3	37	4.5	52

Sample Name: SU-C0922
IAL ID: E07-10015-04

Data File: 100210
Canister ID 3277

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Cyclopropanecarboxamide	6228-73-5	43	6.1	21
Isobutane	75-28-5	80	8.8	21
Butane	106-97-8	64	4.6	11
Ethanol	64-17-5	9	1.5	2.8
Butane, 2-methyl-	78-78-4	59	22	65
Pentane	109-66-0	86	25	74
Pentane, 2-methyl-	107-83-5	64	1.4	4.9
1,3-Bis(trimethylsilyl)benzene	2060-89-1	64	2.3	21
Octanal	124-13-0	78	16	84
Decane	124-18-5	95	1.4	8.1

Summary of Results

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

Report Date: 10/08/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/05/07

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

Sample Name:	S0922-01A		S0922-02A		S0922-03A		Reporting
IAL ID:	E07-10015-17		E07-10015-18		E07-10015-19		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:	G0922-01A		G0922-02A		G0922-03A		Reporting
IAL ID:	E07-10015-20		E07-10015-21		E07-10015-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.14	0.30	0.14	0.29	0.12	0.25	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: E07-10015
Jobsite: Countywide
Project: #07-0082

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

Sample Name:	W0922-01A		W0922-02A		W0922-03A		Reporting
IAL ID:	E07-10015-23		E07-10015-24		E07-10015-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.26	0.54	0.17	0.36	0.17	0.36	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	0.32	0.67	0.32	0.67	< 0.1	< 0.2	0.1

Sample Name:	C0922-01A		C0922-02A		C0922-03A		Reporting
IAL ID:	E07-10015-26		E07-10015-27		E07-10015-28*		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.16	0.33	0.13	0.27	0.14	0.28	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	0.22	0.46	0.11	0.24	0.24	0.50	0.1

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

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: 10/04/07
Job Number: E07-10015
Date Received: 9/25/07
Date Analyzed: 10/04/07

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
S0922-01H	E07-10015-05	< 0.6	< 1.3	< 0.4	< 0.8
S0922-02H	E07-10015-06	< 0.6	< 1.3	< 0.4	< 0.8
S0922-03H	E07-10015-07	< 0.6	< 1.3	< 0.4	< 0.8
G0922-01H	E07-10015-08	< 0.6	< 1.3	< 0.4	< 0.8
G0922-02H	E07-10015-09	< 0.6	< 1.3	< 0.4	< 0.8
G0922-03H	E07-10015-10	< 0.6	< 1.3	< 0.4	< 0.8
W0922-01H	E07-10015-11	< 0.6	< 1.3	< 0.4	< 0.8
W0922-02H	E07-10015-12	< 0.6	< 1.3	< 0.4	< 0.8
W0922-03H	E07-10015-13	< 0.6	< 1.3	< 0.4	< 0.8
C0922-01H	E07-10015-14	< 0.6	< 1.3	< 0.4	< 0.8
C0922-02H	E07-10015-15	< 0.6	< 1.3	< 0.4	< 0.8
C0922-03H	E07-10015-16	< 0.6	< 1.3	< 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