Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 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

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Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6
November 20, 2007
Monitoring Events #22 through 26

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 #22: Friday September 28 to Saturday September 29.
Event #23: Thursday October 4 to Friday October 5.
Event #24: Wednesday October 10 to Thursday October 11.
Event #25: Tuesday October 16 to Wednesday October 17.
Event #26: Monday October 22 to Tuesday October 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.

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 #22, September 28/29, 2007:
Average temperature in degrees F: 62, Max. 75, Min. 50
Winds were calm with maximum speeds of 0 mph out of the NW.
Average relative humidity 78%. No precipitation.
Complaints: No complaints during this period of time.

Event #23, October 04/05, 2007:
Average temperature in degrees F: 71, Max. 83, Min. 58
Winds were calm at 3 mph out of the SSE.
Average relative humidity 68%. No precipitation.
Complaints: Four complaints were received. Two complaints from travelers on I-77N between mile markers 96 & 97 between 9:36 and 8:24 am; and I-77S between mile markers 95 & 96 at 8:17pm. Two complaints from residents at 6948 Beth Avenue in Navarre at 10:53am; and 4150 Eldridge in Massillon at 10:53am. This suggests that, at least for part of the time, the winds were blowing from the east. Toe drain installation and Flare #4 Generator Maintenance occurred during this time and may have contributed to odors.

Event #24: October 10/11, 2007:
Average temperature in degrees F: 55, Max. 62, Min. 50
Winds were calm with maximum speeds of 9 mph out of the NW.
Average relative humidity was 66%. No precipitation.
Complaints: No complaints during this time

Event #25: October 16/17, 2007:
Average temperature in degrees F: 62, Max. 70, Min. 54
Winds were 8 mph with gusts up to 17 mph out of the SE.
Average relative humidity was 75%. No precipitation.
Complaints: There were no odor complaints on October 17.

Event #26: October 22/23, 2007:
Average temperature in degrees F: 61, Max. 73, Min. 49
Winds were 9 mph with gusts up to 24 mph out of the SSE.
Average humidity was 67% with rain.
Complaints: There was one odor complaint from a resident at 9863 Sherman Church Ave. in East Sparta.

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 #22, September 28/29, 2007:
Analytical results for Method TO-15 for Event #22 are summarized in Table 1 and provided in Appendix A. Six compounds were measured at levels above their respective PRG.

Event #22: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Crosswind)	Cell Tower (Upwind)	Campground (Crosswind)	Wetland (Downwind)
Benzene*	**0.25**	**170**	**274**	**313**	**363**
Methylene Chloride*	**4.1**	3	**4.8**	**6.1**	**17**
Tetrachloroethylene*	**0.32**	**139**	**108**	**151**	**107**
1, 2, 4-Trimethylbenzene	**6.2**	**21**	**17**	**19**	**16**
1,3,5-Trimethylbenzene	**6.2**	**6.5**	4.7	5.8	6
Acetaldehyde (TIC)	**0.82**	**13**	**18**	**20**	ND

* The anomalously high results for these compounds are most likely the result of laboratory error or improperly cleaned summa canisters.

Event #23, October 04/05, 2007:
Analytical results for Method TO-15 for Event #23 are summarized in Table 2 and provided in Appendix B. Three compounds were measured at levels above their respective PRG. During this sampling event, the cell tower would have been the location most likely to be influenced by wind-borne emissions from the landfill.

Event #23: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Crosswind)	Cell Tower (Downwind)	Campground (Crosswind)	Wetland (Upwind)
Methylene Chloride	**4.1**	1.9	**7.9**	**21**	**79**
1, 2, 4-Trichlorolbenzene	**3.7**	ND	ND	**3.9**	ND
Acetaldehyde (TIC)	**0.82**	ND	**2.7**	**3.1**	ND

Event #24, October 10/11, 2007:
Analytical results for Method TO-15 for Event #24 are summarized in Table 3 and provided in Appendix C. No VOCs were detected at concentrations exceeding PRGs. During this time period the wetland would have been the location most likely to be influenced by wind-born emissions from the landfill.

Event #25, October 16/17, 2007:
Analytical results for Method TO-15 for Event #25 are summarized in Table 4 and provided in Appendix D. Four compounds were measured at levels above their respective PRG. Winds were predominately from the southeast during this time period, placing the

cell tower downwind, the wetland up wind and the campground and elementary school crosswind with respect to the landfill during most of the sampling event.

Event #25: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Crosswind)	Cell Tower (Downwind)	Campground (Crosswind)	Wetland (Upwind)
Benzene	**0.25**	**2.4**	ND	ND	ND
Carbon Tetrachloride	**0.13**	**1.8**	ND	ND	ND
Methylene Chloride	**4.1**	**26**	**61**	3.9	**5.1**
Trichloroethylene	**0.017**	**1.3**	ND	ND	ND

Event #26, October 22/23, 2007:
Analytical results for Method TO-15 for Event #26 are summarized in Table 5 and provided in Appendix E. One compound was measured at levels above its PRG. During this time period the cell tower was again the location most likely to be influenced by air-borne emissions from the landfill.

Event #26: VOCs Detected Above PRGs
Concentrations in ug/m3

Compound	PRG	School (Crosswind)	Cell Tower (Downwind)	Campground (Crosswind)	Wetland (Upwind)
Benzene	**0.25**	**2.5**	ND	ND	ND

3.2 Sulfur Compounds

No sulfur compounds were detected at any location during these five monitoring events.

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 #22, September 28/29, 2007:
Analytical results for aldehydes are summarized on the following page. Formaldehyde was detected at a concentration above its PRG in one sample from the cell tower and three samples from the wetland. Analytical results are in Appendix A.

Event #22: Aldehydes
Concentrations in ug/m3

Aldehyde	PRG	School (Crosswind)			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	**0.22**	ND	ND	ND	ND	ND	**0.30**	**0.23**	**0.28**

Event #23, October 04/05, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected above its PRG in three samples from the school, three samples from the cell tower, three samples from the campground, and three samples from the wetland. Acetaldehyde was detected above its PRG in one sample from the school, one sample from the campground, and one sample from the wetland. Acetaldehyde was detected at a concentration above the PRG by Method TO-11A (but not by Method TO-15) in the sample from the school and one sample from the wetland. Acetaldehyde was detected at a concentration above the PRG by Method TO-15 (but not by Method TO-11A) in the sample from the cell tower. Analytical results are in Appendix B.

Event #23: Aldehydes
Concentrations in ug/m3

Aldehyde	PRG	School (Crosswind)			Cell Tower (Downwind)			Campground (Crosswind)			Wetland (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	**9.9**	**.82**	**.76**	**5.6**	**3.5**	**2.9**	**22**	**5.9**	**15**	**7.3**	**1.1**	**8.7**
Acetaldehyde TO-11A	**0.87**	**1.8**	ND	ND	ND	ND	ND	.83	.46	**6.3**	.75	ND	**2.6**
Acetaldehyde TO-15 (TIC)	**0.87**	ND			**2.7**			**3.1**			ND		

Event #24, October 10/11, 2007:
Analytical results for aldehydes are summarized below. Formaldehyde was detected above its PRG in three samples from the school, three samples from the cell tower, three samples from the campground, and three samples from the wetland. Acetaldehyde was detected above its PRG in two samples from the cell tower. Analytical results are in Appendix C.

Event #24: Aldehydes
Concentrations in ug/m3

Aldehyde	PRG	School (Crosswind)			Cell Tower (Upwind)			Campground (Crosswind)			Wetland (Downwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	**.58**	**.39**	**.32**	**5.5**	**2.3**	**4.6**	**.83**	**1.9**	**1.3**	**.5**	**.38**	**.36**
Acetaldehyde	**0.87**	ND	ND	ND	**1.5**	.8	**1.6**	ND	ND	ND	ND	ND	ND

Event #25, October 16/17, 2007:

Analytical results for aldehydes are summarized below. Formaldehyde was detected above its PRG in one sample from the school, three samples from the cell tower, two samples from the campground, and three samples from the wetland. Acetaldehyde was detected above its PRG in three samples from the wetland. Although acetaldehyde was not detected at the wetland 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 was available for this sampling event.

Event #25: Aldehydes
Concentrations in ug/m3

Aldehyde	**PRG**	**School** (Crosswind)			**Cell Tower** (Downwind)			**Campground** (Crosswind)			**Wetland** (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	**1.0**	ND	ND	**2**	**.58**	**5.4**	ND	**3.8**	**3**	**19**	**6.7**	**8.3**
Acetaldehyde TO-11A	**0.87**	ND	ND	ND	ND	ND	ND	ND	.46	.58	**6.2**	**2.7**	**2.9**

Event #26, October 22/23, 2007:

Analytical results for aldehydes are summarized below. Formaldehyde was detected above its PRG in two samples from the school, three samples from the cell tower, three samples from the campground, and three samples from the wetland. Acetaldehyde was detected above its PRG in three samples from the wetland and one sample from the cell tower. Acrolein was detected above its PRG in two samples from the wetland. Crotonaldehyde was detected above its PRG in two samples from the wetland. Although acetaldehyde was not detected at the wetland 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 E.

Event #26: Aldehydes
Concentrations in ug/m3

Aldehyde	**PRG**	**School** (Crosswind)			**Cell Tower** (Downwind)			**Campground** (Crosswind)			**Wetland** (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
Formaldehyde	**0.15**	ND	**.36**	**.36**	**12**	**8.5**	**5.8**	**4.6**	**3**	**2.3**	**19**	**11**	**12**
Acetaldehyde TO-11A	**0.87**	ND	ND	ND	**2.6**	.67	.42	ND	.37	.42	**5**	**6**	**5.9**
Acrolein	**0.21**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.7**	**4.6**
Crotonaldehyde	**0.0035**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**.28**	**.5**	ND

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 #22 through #26 are summarized below. All detected concentrations are very low, and were orders of magnitude below the PRG for HCl.

Event #22, September 28/29, 2007:
Analytical results are in Appendix A.

Event #22: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Crosswind)			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	2.1*	ND	ND	ND	ND	1.5	ND	7*	1.6*	2.1*	ND	ND

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

Event #23, October 04/05, 2007:
Analytical results are in Appendix B.

Event #23: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Crosswind)			Cell Tower (Downwind)			Campground (Crosswind)			Wetland (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	2.6	1.6	ND	ND	1.4	ND	ND	ND	ND	1.3	ND	4.2
HCl	210	ND	1.3	ND	2.5	ND	ND	ND	ND	ND	ND	1.7*	1.0

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

Event #24, October 10/11, 2007:
Analytical results are in Appendix C.

Event #24: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Crosswind)			Cell Tower (Upwind)			Campground (Crosswind)			Wetland (Downwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	ND	ND	ND	2	ND	3	ND	ND	ND	ND	ND	ND
HCl	210	2.4*	1.6	.93*	1.1	ND	ND	1	.93*	ND	ND	1.5	ND

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

Event #25, October 16/17, 2007:
Analytical results are in Appendix D.

Event #25: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Crosswind)			Cell Tower (Downwind)			Campground (Crosswind)			Wetland (Upwind)		
		1	2	3	1	2	3	1	2	3	1	2	3
HF	NA	1.3	ND	ND	ND	ND	2.5	ND	ND	1.4	7	4.5	ND
HCl	210	ND	ND	ND	ND	ND	ND	ND	.86*	ND	ND	ND	ND

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

Event #26, September 22/23, 2007:
Analytical results are in Appendix E.

Event #26: Hydrogen Fluoride and Hydrogen Chloride Concentrations in ug/m3

Compound	PRG	School (Crosswind)			Cell Tower (Downwind)			Campground (Crosswind)			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	11	13*
HCl	210	ND	ND	ND	2.3	4.5	9.6*	ND	ND	ND	ND	ND	ND

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

4.0 SUMMARY

Overall, results for monitoring events #22 through 26 were similar to previous findings. During event #22 on September 28/29, anomalously high concentrations of benzene and tetrachloroethylene were reported from all four sampling locations. Anomalously high concentrations of acetone, benzene and methylene chloride were reported from monitoring event #21 on September 22/23. There was no obvious source of these

compounds related to the physical setting of the sampling locations or related to upwind or downwind direction with respect to the landfill. Lawhon's toxicologist (Deborah Gray) spoke with one of the Ohio EPA Division of Air Pollution Control Toxicologists (Diane McClure) regarding these apparently spurious results. Both toxicologists agree that these findings are highly unlikely to reflect the actual concentrations of these compounds in ambient air and are much more likely to be an artifact of the sampling-such as improperly cleaned summa canisters, or contamination introduced by the analytical laboratory.

Monitoring results for aldehydes and hydrogen chloride/hydrogen fluoride were also fairly consistent with previous findings in that there was no clear pattern with respect to location. The concentrations of formaldehyde detected during events #23 (October 04/05), #24 (October 10/11), #25 (October 16/17), and #26 (October 22/23) tended to be higher than in previous rounds of sampling. There is no obvious cause for this apparent increase however it may be related to the onset of the winter heating season. Much of the formaldehyde that is present in ambient air comes from combustion sources including wood stoves and kerosene heaters (ATSDR Toxicological Profile for Formaldehyde, July1999). Formaldehyde is also present in the exhaust from gasoline and diesel-powered motor vehicles. One study summarized in the ATSDR Toxicological Profile (Gaffney et al. 1997) indicated that formaldehyde emissions from motor vehicles increased during the winter months when oxygenated fuel blends are more prevalent.

According to several studies summarized in the ATSDR Toxicological Profile, a survey of 1,358 outdoor air samples collected at 58 different locations in the U.S. yielded a median concentration of 2.5 ppb (2.0 ug/m3) formaldehyde (Kelly et al. 1994); In several separate studies of urban and rural areas, the ambient concentrations of formaldehyde ranged from 1 (.813 ug/m3) to 68 ppb (55.3 ug/m3) (Grosjean 1982; Salas and Singh 1986; Schulam et al. 1985; Singh et al. 1982). The concentrations of formaldehyde observed during the ambient air monitoring around Countywide are consistent with the range of concentrations reported nationally.

As with all previous rounds of sampling hydrogen chloride and hydrogen fluoride were sporadically detected with the former being more frequent. No patterns with regard to monitoring location are apparent in the HCl/HF data. It is recommended that these parameters be excluded from all future ambient air monitoring.

The monitoring data presented in this report provide additional support for the conclusion that air emissions from Countywide cannot be easily distinguished from other local sources of the same compounds and that there is neither a short-term or a long-term threat to public health that can be attributed to the landfill.

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 20, 2007

EPA Method TO-15 SUMMARY TABLES

Countywide Recycling & Disposal Facility
EPA Method TO-15 Modified: Volatile Organic Compounds
Table 1: Event #22 Sept 28/29, 2007

Analyte	PRG	Monitoring Location			
		School (Crosswind)	*Cell Tower* (Upwind)	*Campground* (Crosswind)	*Wetland* (Downwind)
		All results in ug/m3			
Method TO-15 Modified					
Acetone*	3300	83	90	102	96
Benzene*	**0.25**	**170**	**274**	**313**	**363**
tert-Butyl alcohol*	NA	174	164	252	288
Carbon disulfide	730	6.9	9.1	10	17
Chloromethane	95	1.1	1.2	1.4	1.2
Chlorohexane	6200	ND	ND	2.3	ND
Dichlorodifluoromethane	210	3.3	3.6	3.3	ND
Ethylbenzene	1100	15	9	15	16
4-Ethyltouene	NA	6.8	5.7	5.9	7.1
Heptane	NA	6.7	5.9	9.1	9.8
Hexane	210	8.1	4.9	10	8.5
Isopropyl alcohol	NA	ND	9.7	ND	15
Methyl ethyl ketone	5100	18	19	26	28
Methyl isobutyl ketone	3100	6.1	5.1	7.8	6
Methylene chloride*	**4.1**	3	**4.8**	**6.1**	**17**
Tetrachloroethylene*	**0.32**	**139**	**108**	**151**	**107**
Toluene	400	65	41	69	63
1,2,4-Trimethylbenzene	**6.2**	**21**	**17**	**19**	**16**
1,3,5-Trimethylbenzene	**6.2**	**6.5**	4.7	5.8	6
2,2,4-Trimethlpentane	NA	ND	ND	2.6	2.6
m/p-Xylene	110	58	35	58	63
o-Xylene	110	22	13	23	23
Tentatively Identified Compounds					
Acetonitrile	62	8.7	42	17	35
Butanal	NA	44	44	77	97
2,2 dimethyl-Propanal	NA	46	31	56	53
1-ethyl-4-methyl-Cyclohexane	NA	ND	ND	ND	124

Analyte		Monitoring Location			
	PRG	*School*	*Cell Tower*	*Campground*	*Wetland*
		(Crosswind)	(Upwind)	(Crosswind)	(Downwind)
		All results in ug/m3			
propyl-Cyclohexane	NA	ND	ND	ND	113
1R .alpha. -Piene	NA	32	95	61	545
2,6-dimethyl-2-Octene	NA	ND	ND	ND	150
.beta. -Pinene	NA	ND	ND	ND	27
Decane	NA	ND	ND	ND	99
4-methyl-Decane	NA	ND	ND	ND	108
Carbonyl sulfide	NA	21	32	32	ND
Acetaldehyde	**0.87**	**13**	**18**	**20**	ND
2-methyl-1- Propene	NA	ND	32	25	ND
Pentane	NA	12	22	17	ND
Pentanal	NA	ND	15	ND	ND
Hexanal	NA	ND	28	ND	ND
Butene	NA	15	ND	ND	ND
Ethanol	NA	7.7	ND	ND	ND
Tetrahydrofuran	NA	14	ND	16	ND
Hexamethylcyclotrisiloxane	NA	ND	ND	77	ND

**** Anomalously high results for these compounds are likely the result of contamination introduced by the analytical laboratory or pre-existing in improperly cleaned summa canisters prior to sample collection.***

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 #23 October 04/05, 2007

Analyte	PRG	Monitoring Location			
		School	*Cell Tower*	*Campground*	*Wetland*
		(Crosswind)	(Downwind)	(Crosswind)	(Upwind)
	All results in ug/m3				
Method TO-15 Modified					
Acetone	3300	ND	ND	25	ND
Chloromethane	95	1.4	1.4	1.3	1.3
Dichlorodifluoromethane	210	4.2	3.3	3.3	3.2
Isopropyl alcohol	NA	ND	ND	ND	5.1
Methyl ethyl ketone	5100	ND	1.7	1.7	2.2
Methylene chloride	**4.1**	1.9	**7.9**	**21**	**79**
Toluene	400	ND	ND	ND	6.5
1,2,4-Trichlorobenzene	**3.7**	ND	ND	**3.9**	ND
Trichlorofluoromethane	730	ND	ND	ND	6.2
2,2,4-Trimethylpentane	NA	ND	ND	ND	6.9
m/p-Xylene	110	4.1	3.6	ND	3.8
Tentatively Identifed Compounds					
chlorodifluoro-Methane	51000	3.9	ND	ND	ND
Butane	NA	2.6	6.6	4.7	8.8
Acetonitrile	62	1.8	7.2	1.7	4.2
2-methyl-Butane	NA	5	13	ND	50
Nonanal	NA	26	ND	33	ND
Cyclopropanecarboxamide	NA	ND	ND	7.3	ND
Acetaldehyde	**0.87**	ND	**2.7**	**3.1**	ND
Propane	NA	ND	5.9	ND	5.8
Isobutane	NA	ND	3.3	ND	13
Ethanol	NA	ND	ND	ND	13
Pentane	NA	ND	4.1	ND	3.8
hexamethyl-Cyclotrisiloxane	NA	ND	20	ND	18
2-ethyl-1-Hexanol	NA	ND	28	ND	28

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 #24 October 10/11, 2007

Analyte	PRG	Monitoring Location			
		School	***Cell Tower***	***Campground***	***Wetland***
		(Crosswind)	(Upwind)	(Crosswind)	(Downwind)
	All results in ug/m3				
Method TO-15 Modified					
Acetone	3300	ND	ND	ND	15
Chloromethane	95	1.4	1.1	1.4	1.2
Dichlorodifluoromethane	210	4	3.2	3.8	3.1
Ethylbenzene	1100	ND	ND	ND	3.3
Methyl ethyl ketone	5100	ND	ND	ND	1.9
Methylene chloride	4.1	2.4	1.8	ND	2.1
1,2,4-Trimethylbenzene	6.2	ND	ND	ND	2.5
m/p-Xylene	110	4.2	5.8	4.7	16
o-Xylene	110	ND	2.9	2.4	8.3
Tentatively Identifed Compounds					
Propane	NA	ND	ND	ND	2
3-Butenamide	NA	ND	2.2	ND	ND
2-methyl-Butane	NA	ND	2.9	ND	ND
Pentadecane	NA	ND	11	ND	ND
hexamethyl-Cyclotrisiloxane	NA	ND	20	ND	ND
2-ethyl-1-Hexanol	NA	ND	28	ND	ND
Acetonitrile	62	1.8	ND	ND	ND
Butane	NA	5.3	ND	2.8	ND
Chlorodifluoromethane	51000	4.2	ND	ND	ND
2-methyl-Butane	NA	5.3	ND	ND	ND
2-Nonynoic acid	NA	ND	ND	8.2	ND
Ethanol	NA	ND	ND	2.3	ND
3-methyl-2-Pentanone	NA	ND	ND	6.1	ND
Z-10-Pentadecenol	NA	ND	ND	16	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 4: Event #25 October 16/17, 2007

Analyte	PRG	Monitoring Location			
		School (Crosswind)	*Cell Tower* (Downwind)	*Campground* (Crosswind)	*Wetland* (Upwind)
		All results in ug/m3			
Method TO-15 Modified					
Acetone	3300	ND	40	ND	ND
Benzene	**0.25**	**2.4**	ND	ND	ND
Carbon disulfide	730	4.1	14	ND	ND
Carbon tetrachloride	**0.13**	**1.8**	ND	ND	ND
Chloromethane	95	1.5	1.7	1.8	1.7
Dichlorodifluoromethane	210	4.3	4.1	4.6	4.2
Ethylbenzene	210	2.6	ND	ND	ND
4-Ethyltoluene	NA	1.5	ND	ND	ND
Heptane	NA	0.86	ND	ND	ND
Hexane	210	2	ND	ND	ND
Isopropyl alcohol	NA	3.6	4.5	ND	ND
Methyl ethyl ketone	5100	ND	ND	1.6	2.1
Methylene chloride	**4.1**	**26**	**61**	3.9	**5.1**
Toluene	400	6.8	3.2	ND	ND
Trichloroethylene	**0.017**	**1.3**	ND	ND	ND
Trichlorofluoromethane	730	3	5.2	ND	ND
1,2,4-Trimethylbenzene	6.2	2.7	ND	ND	ND
2,2,4-Trimethlpentane	NA	1.7	ND	ND	ND
m/p-Xylene	110	11	9.1	2.3	2.7
o-Xylene	110	5.1	4.4	ND	ND
Tentatively Identifed Compounds					
Propane	NA	6.3	5	6.3	6.7
Isobutane	NA	5.2	3.6	4	3.8
2-Pentanamine	NA	ND	ND	ND	4.6
Acetonitrile	62	1.8	4	ND	3.5
2-methyl-Butane	NA	22	ND	11	13
Octanol	NA	ND	ND	ND	11
Nonanal	NA	7.6	5.8	8.7	7.6
Butane	NA	7.4	4	5.2	ND
Pentadecane	NA	ND	10	ND	ND
Decane	NA	ND	5.8	ND	ND
hexamethyl-Cyclotrisiloxane	NA	12	16	17	ND
Ethanol	NA	2.1	ND	ND	ND
Pentane	NA	6.5	ND	2.9	ND
2-methyl-Pentane	NA	4.2	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 5: Event #26 October 22/23, 2007

Analyte	PRG	Monitoring Location			
		School	*Cell Tower*	*Campground*	*Wetland*
		(Crosswind)	(Downwind)	(Crosswind)	(Upwind)
	All results in ug/m3				
Method TO-15 Modified					
Acetone	3300	ND	13	ND	10
Benzene	**0.25**	**2.5**	ND	ND	ND
Chloromethane	95	1.6	ND	ND	ND
Dichlorodifluoromethane	210	4.7	ND	ND	ND
Methylene chloride	4.1	ND	3.2	2.8	3.2
Toluene	400	4.2	ND	ND	ND
m/p-Xylene	110	8.7	9.9	5.4	8.6
o-Xylene	110	4.2	5.3	2.7	4.2
Tentatively Identifed Compounds					
Cyclopropanecarboxamide	NA	10	ND	ND	9.7
Acetonitrile	62	ND	6.2	ND	4.7
Decane	NA	ND	ND	ND	14.5
Nonanal	NA	7	ND	ND	13
4,5-dihydro-3(2H)-Pyridazinone	NA	ND	10.1	ND	ND
2-Pentanamine	NA	ND	6.4	ND	ND
Butane	NA	9	3.1	ND	ND
hexamethyl-Cyclotrisiloxane	NA	ND	16	ND	ND
Ethanol	NA	2.1	ND	ND	ND
Isobutane	NA	5	ND	ND	ND
2-methyl-Butane	NA	11	ND	7.1	ND
Pentane	NA	4.7	ND	ND	ND
2-methyl-Pentane	NA	3.5	ND	ND	ND
tripropyl-Aluminum	NA	ND	ND	3.8	ND
ethyl ester L-Alanine	NA	ND	ND	6.7	ND
1,3-Bis(trimethylsilyl)benzene	NA	ND	ND	14	ND
Eicosane	NA	ND	ND	47	ND

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

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 20, 2007

APPENDIX A

Laboratory Analytical Results from September 28/29, 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.: E07-10608
Date Received: 10/09/07

Sample#:
E07-10608-00, E07-10608-01, E07-10608-02, E07-10608-03, E07-10608-04

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: 10/23/07
Job Number: E07-10608
Date Received: 10/9/07
Date Analyzed: 10/19/07
Data File: 101904
Summa ID: 3283

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

	Sample Name:	SU-S1004		Reporting Limits	
	IAL ID:	E07-10608-01			
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	0.69	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	0.85	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	0.54	1.9	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	0.95	4.1	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: 10/23/07
Job Number: E07-10608
Date Received: 10/9/07
Date Analyzed: 10/17/07
Data File: 101712
Summa ID: 3281

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

	Sample Name:	SU-G1004		Reporting Limits	
	IAL ID:	E07-10608-02			
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	10	25	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	0.65	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	0.66	3.3	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	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	6.0	21	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	0.53	3.9	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: 10/23/07
Job Number: E07-10608
Date Received: 10/9/07
Date Analyzed: 10/17/07
Data File: 101714
Summa ID: 3101

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

	Sample Name:	SU-W1004		Reporting Limits	
	IAL ID:	E07-10608-03			
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	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	0.64	3.2	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	2.1	5.1	0.50	1.2
Methyl ethyl ketone	78-93-3	0.76	2.2	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	23	79	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	1.7	6.5	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	1.1	6.2	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	1.5	6.9	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	0.87	3.8	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: 10/23/07
Job Number: E07-10608
Date Received: 10/9/07
Date Analyzed: 10/17/07
Data File: 101716
Summa ID: 3010

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

	Sample Name:	SU-C1004		Reporting Limits	
	IAL ID:	E07-10608-04			
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	0.66	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	0.67	3.3	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	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	0.56	1.7	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	2.3	7.9	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	0.83	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

Summary of Results

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

Report Date: 10/18/2007
Job Number: E07-10608
Date Received: 10/9/2007
Date Analyzed: 10/17-10/19/07

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1004
IAL ID: E07-10608-01

Data File: 101904
Canister ID 3283

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Methane, chlorodifluoro-	75-45-6	33	1.1	3.9
Butane	106-97-8	53	1.1	2.6
Acetonitrile	75-05-8	38	1.1	1.8
Butane, 2-methyl-	78-78-4	43	1.7	5.0
Nonanal	124-19-6	80	4.4	26

Sample Name: SU-G1004
IAL ID: E07-10608-02

Data File: 101712
Canister ID 3281

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Cyclopropanecarboxamide	6228-73-5	40	2.1	7.3
Acetaldehyde	75-07-0	4	1.7	3.1
Butane	106-97-8	64	2.0	4.7
Acetonitrile	75-05-8	9	1.0	1.7
Nonanal	124-19-6	90	5.7	33

Summary of Results

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

Report Date: 10/18/2007
Job Number: E07-10608
Date Received: 10/9/2007
Date Analyzed: 10/17-10/19/07

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1004
IAL ID: E07-10608-03

Data File: 101714
Canister ID 3101

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	50	3.2	5.8
Isobutane	75-28-5	86	5.6	13
Butane	106-97-8	64	3.7	8.8
Ethanol	64-17-5	78	6.8	13
Acetonitrile	75-05-8	38	2.5	4.2
Butane, 2-methyl-	78-78-4	43	17	50
Pentane	109-66-0	86	1.3	3.8
Cyclotrisiloxane, hexamethyl-	541-05-9	90	2.0	18
1-Hexanol, 2-ethyl-	104-76-7	83	1.5	28

Sample Name: SU-C1004
IAL ID: E07-10608-04

Data File: 101716
Canister ID 3010

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	56	3.3	5.9
Isobutane	75-28-5	64	1.4	3.3
Acetaldehyde	75-07-0	7	1.5	2.7
Butane	106-97-8	37	2.8	6.6
Acetonitrile	75-05-8	40	4.3	7.2
Butane, 2-methyl-	78-78-4	43	4.4	13
Pentane	109-66-0	91	1.4	4.1
Cyclotrisiloxane, hexamethyl-	541-05-9	90	2.2	20
1-Hexanol, 2-ethyl-	104-76-7	83	2.0	28

Summary of Results

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

Report Date: 10/11/07
Job Number: E07-10267
Date Received: 10/02/07
Date Analyzed: 10/11/07

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

Sample Name:	S0928-01A		S0928-02A		S0928-03A		Reporting
IAL ID:	E07-10267-17		E07-10267-18		E07-10267-19		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:	G0928-01A		G0928-02A		G0928-03A		Reporting
IAL ID:	E07-10267-20		E07-10267-21		E07-10267-22		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

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

Job Number: E07-10267

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

Sample Name:	W0928-01A		W0928-02A		W0928-03A		Reporting
IAL ID:	E07-10267-23		E07-10267-24		E07-10267-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.14	0.30	0.11	0.23	0.13	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	0.16	0.33	0.28	0.58	0.1

Sample Name:	C0928-01A		C0928-02A		C0928-03A		Reporting
IAL ID:	E07-10267-26		E07-10267-27		E07-10267-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.11	0.22	< 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	0.16	0.33	< 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: 10/15/07
Job Number: E07-10267
Date Received: 10/02/07
Date Analyzed: 10/15/07

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
S0928-01H*	E07-10267-05	< 0.6	< 1.3	1.0	2.1
S0928-02H	E07-10267-06	< 0.6	< 1.3	< 0.4	< 0.8
S0928-03H	E07-10267-07	< 0.6	< 1.3	< 0.4	< 0.8
G0928-01H	E07-10267-08	< 0.6	< 1.3	< 0.4	< 0.8
G0928-02H*	E07-10267-09	< 0.6	< 1.3	3.3	7.0
G0928-03H*	E07-10267-10	< 0.6	< 1.3	0.77	1.6
W0928-01H*	E07-10267-11	< 0.6	< 1.3	1.0	2.1
W0928-02H	E07-10267-12	< 0.6	< 1.3	< 0.4	< 0.8
W0928-03H	E07-10267-13	< 0.6	< 1.3	< 0.4	< 0.8
C0928-01H	E07-10267-14	< 0.6	< 1.3	< 0.4	< 0.8
C0928-02H	E07-10267-15	< 0.6	< 1.3	< 0.4	< 0.8
C0928-03H	E07-10267-16	< 0.6	< 1.3	0.72	1.5
Reporting Limit		0.6		0.4	

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

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

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 20, 2007

APPENDIX B

Laboratory Analytical Results from October 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.: E07-10267
Date Received: 10/02/07

Sample#:
E07-10267-01, E07-10267-02, E07-10267-03, E07-10267-04

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: 10/11/07
Job Number: E07-10267
Date Received: 10/2/07
Date Analyzed: 10/8/07, 10/9/07
Data File: 100805, 100905
Summa ID: 3032

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

	Sample Name:		SU-S0928		Reporting Limits	
	IAL ID:		E07-10267-01			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1		35	83	0.50	1.2
Benzene	71-43-2	D	53	170	0.50	1.6
Bromodichloromethane	75-27-4		ND	ND	0.50	3.4
Bromoethene	593-60-2		ND	ND	0.50	2.2
Bromoform	75-25-2		ND	ND	0.50	5.2
Bromomethane	74-83-9		ND	ND	0.50	1.9
1,3-Butadiene	106-99-0		ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	D	58	174	0.50	1.5
Carbon disulfide	75-15-0		2.2	6.9	0.50	1.6
Carbon tetrachloride	56-23-5		ND	ND	0.50	3.2
Chlorobenzene	108-90-7		ND	ND	0.50	2.3
Chloroethane	75-00-3		ND	ND	0.50	1.3
Chloroform	67-66-3		ND	ND	0.50	2.4
Chloromethane	74-87-3		0.54	1.1	0.50	1.0
3-Chloropropene	107-05-1		ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8		ND	ND	0.50	2.6
Cyclohexane	110-82-7		ND	ND	0.50	1.7
Dibromochloromethane	124-48-1		ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4		ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1		ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1		ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7		ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8		0.67	3.3	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		3.4	15	0.50	2.2
4-Ethyltoluene	622-96-8		1.4	6.8	0.50	2.5
Heptane	142-82-5		1.6	6.7	0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND	0.50	5.3
Hexane	110-54-3		2.3	8.1	0.50	1.8
Isopropyl alcohol	67-63-0		ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3		6.2	18	0.50	1.5
Methyl isobutyl ketone	108-10-1		1.5	6.1	0.50	2.1
Methylene chloride	75-09-2		0.85	3.0	0.50	1.7
Methyl-t-butyl ether	1634-04-4		ND	ND	0.50	1.8
Styrene	100-42-5		ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5		ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4		21	139	0.50	3.4
Toluene	108-88-3		17	65	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		4.3	21	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		1.3	6.5	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		13	58	0.50	2.2
o-Xylene	95-47-6		5.1	22	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: 10/11/07
Job Number: E07-10267
Date Received: 10/2/07
Date Analyzed: 10/8/07, 10/9/07
Data File: 100806, 100906
Summa ID: 2094

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

	Sample Name:		SU-G0928				Reporting Limits	
	IAL ID:		E07-10267-02					
Compound	**CAS #**		**ppbv**		**ug/m3**		**ppbv**	**ug/m3**
Acetone	67-64-1	D	43		102		0.50	1.2
Benzene	71-43-2	D	98		313		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	83		252		0.50	1.5
Carbon disulfide	75-15-0		3.2		10		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		0.67		2.3		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		0.67		3.3		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		3.4		15		0.50	2.2
4-Ethyltoluene	622-96-8		1.2		5.9		0.50	2.5
Heptane	142-82-5		2.2		9.1		0.50	2.1
Hexachlorobutadiene	87-68-3			ND		ND	0.50	5.3
Hexane	110-54-3		2.8		10		0.50	1.8
Isopropyl alcohol	67-63-0			ND		ND	0.50	1.2
Methyl ethyl ketone	78-93-3		8.9		26		0.50	1.5
Methyl isobutyl ketone	108-10-1		1.9		7.8		0.50	2.1
Methylene chloride	75-09-2		1.8		6.1		0.50	1.7
Methyl-t-butyl ether	1634-04-4			ND		ND	0.50	1.8
Styrene	100-42-5			ND		ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5			ND		ND	0.50	3.4
Tetrachloroethylene	127-18-4		22		151		0.50	3.4
Toluene	108-88-3		18		69		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		3.8		19		0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		1.2		5.8		0.50	2.5
2,2,4-Trimethylpentane	540-84-1		0.56		2.6		0.50	2.3
Vinyl chloride	75-01-4			ND		ND	0.50	1.3
m or p-Xylene	1330-20-7		13		58		0.50	2.2
o-Xylene	95-47-6		5.2		23		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: 10/11/07
Job Number: E07-10267
Date Received: 10/2/07
Date Analyzed: 10/9/07
Data File: 100807, 100907
Summa ID: 2064

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

	Sample Name:		SU-W0928		Reporting Limits	
	IAL ID:		E07-10267-03			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	D	40	96	0.50	1.2
Benzene	71-43-2	D	114	363	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	95	288	0.50	1.5
Carbon disulfide	75-15-0		5.5	17	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		0.59	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		0.67	3.3	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		3.7	16	0.50	2.2
4-Ethyltoluene	622-96-8		1.4	7.1	0.50	2.5
Heptane	142-82-5		2.4	9.8	0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND	0.50	5.3
Hexane	110-54-3		2.4	8.5	0.50	1.8
Isopropyl alcohol	67-63-0		6.2	15	0.50	1.2
Methyl ethyl ketone	78-93-3		9.4	28	0.50	1.5
Methyl isobutyl ketone	108-10-1		1.5	6.0	0.50	2.1
Methylene chloride	75-09-2		4.7	17	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		16	107	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		3.3	16	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		1.2	6.0	0.50	2.5
2,2,4-Trimethylpentane	540-84-1		0.55	2.6	0.50	2.3
Vinyl chloride	75-01-4		ND	ND	0.50	1.3
m or p-Xylene	1330-20-7		15	63	0.50	2.2
o-Xylene	95-47-6		5.2	23	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: 10/11/07
Job Number: E07-10267
Date Received: 10/2/07
Date Analyzed: 10/9/07
Data File: 100909, 100908
Summa ID: 0002

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

	Sample Name:		SU-C0928		Reporting Limits	
	IAL ID:		E07-10267-04			
Compound	**CAS #**		**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1		38	90	0.50	1.2
Benzene	71-43-2	D	86	274	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	54	164	0.50	1.5
Carbon disulfide	75-15-0		2.9	9.1	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		0.56	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		0.73	3.6	0.50	2.5
1,1-Dichloroethane	75-34-3		ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2		ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4		ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2		ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5		ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5		ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5		ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6		ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2		ND	ND	0.50	3.5
Ethylbenzene	100-41-4		2.1	9.0	0.50	2.2
4-Ethyltoluene	622-96-8		1.2	5.7	0.50	2.5
Heptane	142-82-5		1.5	5.9	0.50	2.1
Hexachlorobutadiene	87-68-3		ND	ND	0.50	5.3
Hexane	110-54-3		1.4	4.9	0.50	1.8
Isopropyl alcohol	67-63-0		3.9	9.7	0.50	1.2
Methyl ethyl ketone	78-93-3		6.4	19	0.50	1.5
Methyl isobutyl ketone	108-10-1		1.2	5.1	0.50	2.1
Methylene chloride	75-09-2		1.4	4.8	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		16	108	0.50	3.4
Toluene	108-88-3		11	41	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		3.5	17	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8		0.96	4.7	0.50	2.5
2,2,4-Trimethylpentane	540-84-1		ND	ND	0.50	2.3
Vinyl chloride	75-01-4		ND	ND	0.50	1.3
m or p-Xylene	1330-20-7		8.1	35	0.50	2.2
o-Xylene	95-47-6		2.9	13	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Summary of Results

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

Report Date: 10/11/07
Job Number: E07-10267
Date Received: 10/02/07
Date Analyzed: 10/11/07

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

Sample Name:	S0928-01A		S0928-02A		S0928-03A		Reporting
IAL ID:	E07-10267-17		E07-10267-18		E07-10267-19		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:	G0928-01A		G0928-02A		G0928-03A		Reporting
IAL ID:	E07-10267-20		E07-10267-21		E07-10267-22		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

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

Job Number: E07-10267

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

Sample Name:	W0928-01A		W0928-02A		W0928-03A		Reporting
IAL ID:	E07-10267-23		E07-10267-24		E07-10267-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.14	0.30	0.11	0.23	0.13	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	0.16	0.33	0.28	0.58	0.1

Sample Name:	C0928-01A		C0928-02A		C0928-03A		Reporting
IAL ID:	E07-10267-26		E07-10267-27		E07-10267-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.11	0.22	< 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	0.16	0.33	< 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: 10/15/07
Job Number: E07-10267
Date Received: 10/02/07
Date Analyzed: 10/15/07

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
S0928-01H*	E07-10267-05	< 0.6	< 1.3	1.0	2.1
S0928-02H	E07-10267-06	< 0.6	< 1.3	< 0.4	< 0.8
S0928-03H	E07-10267-07	< 0.6	< 1.3	< 0.4	< 0.8
G0928-01H	E07-10267-08	< 0.6	< 1.3	< 0.4	< 0.8
G0928-02H*	E07-10267-09	< 0.6	< 1.3	3.3	7.0
G0928-03H*	E07-10267-10	< 0.6	< 1.3	0.77	1.6
W0928-01H*	E07-10267-11	< 0.6	< 1.3	1.0	2.1
W0928-02H	E07-10267-12	< 0.6	< 1.3	< 0.4	< 0.8
W0928-03H	E07-10267-13	< 0.6	< 1.3	< 0.4	< 0.8
C0928-01H	E07-10267-14	< 0.6	< 1.3	< 0.4	< 0.8
C0928-02H	E07-10267-15	< 0.6	< 1.3	< 0.4	< 0.8
C0928-03H	E07-10267-16	< 0.6	< 1.3	0.72	1.5
Reporting Limit		0.6		0.4	

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

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

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Summary of Results

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

Report Date: 10/10/2007
Job Number: E07-10267
Date Received: 10/2/2007
Date Analyzed: 10/9/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S0928
IAL ID: E07-10267-01

Data File: 100805
Canister ID 3032

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	9	8.4	21
Acetaldehyde	75-07-0	64	7.0	13
Butene, (E)-	624-64-6	78	6.7	15
Ethanol	64-17-5	78	4.1	7.7
Acetonitrile	75-05-8	38	5.2	8.7
Pentane	109-66-0	86	4.2	12
Butanal	123-72-8	90	15	44
Propanal, 2,2-dimethyl-	630-19-3	64	13	46
Furan, tetrahydro-	109-99-9	90	4.6	14
1R- .alpha. -Pinene	7785-70-8	94	5.7	32

Sample Name: SU-G0928
IAL ID: E07-10267-02

Data File: 100806
Canister ID 2094

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	9	13	32
Acetaldehyde	75-07-0	64	11	20
1-Propene- 2,-methyl-	115-11-7	91	11	25
Acetonitrile	75-05-8	40	10	17
Pentane	109-66-0	86	5.7	17
Butanal	123-72-8	86	26	77
Propanal, 2,2-dimethyl-	630-19-3	64	16	56
Furan, tetrahydro-	109-99-9	91	5.5	16
Cyclotrisiloxane, hexamethyl-	541-05-9	87	8.5	77
1R- .alpha. -Pinene	7785-70-8	91	11	61

Summary of Results

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

Report Date: 10/10/2007
Job Number: E07-10267
Date Received: 10/2/2007
Date Analyzed: 10/9/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W0928
IAL ID: E07-10267-03

Data File: 100807
Canister ID 2064

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Acetonitrile	75-05-8	45	21	35
Butanal	123-72-8	91	33	97
Propanal, 2,2-dimethyl-	630-19-3	47	15	53
Cyclohexane, 1-ethyl-4-methyl-,	6236-88-0	59	24	124
Cyclohexane, propyl-	1678-92-8	76	22	113
1R- .alpha. -Pinene	7785-70-8	89	98	545
2-Octene, 2,6-dimethyl-	4057-42-5	50	13	150
.beta. -Pinene	127-91-3	94	22	27
Decane	124-18-5	95	17	99
Decane, 4-methyl-	2847-72-5	83	17	108

Sample Name: SU-C0928
IAL ID: E07-10267-04

Data File: 100909
Canister ID 0002

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Carbonyl sulfide	463-58-1	9	13	32
Acetaldehyde	75-07-0	64	10	18
1-Propene- 2,-methyl-	115-11-7	86	14	32
Acetonitrile	75-05-8	56	25	42
Pentane	109-66-0	86	7.6	22
Butanal	123-72-8	90	15	44
Propanal, 2,2-dimethyl-	630-19-3	64	8.9	31
Pentanal	110-62-3	78	4.3	15
Hexanal	66-25-1	97	3.4	28
1R- .alpha. -Pinene	7785-70-8	94	7.0	95

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 20, 2007

APPENDIX C

Laboratory Analytical Results from October 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.: E07-10817
Date Received: 10/12/07

Sample#:
E07-10817-01, E07-10817-02, E07-10817-03, E07-10817-04

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: 10/24/07
Job Number: E07-10817
Date Received: 10/12/07
Date Analyzed: 10/19/07
Data File: 101901
Summa ID: 2068

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

	Sample Name:	SU-S1010		Reporting Limits	
	IAL ID:	E07-10817-01			
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	0.69	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	0.80	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	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	0.70	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	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	0.96	4.2	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: 10/24/07
Job Number: E07-10817
Date Received: 10/12/07
Date Analyzed: 10/18/07
Data File: 101806
Summa ID: 3040

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

	Sample Name:	SU-G1010		Reporting Limits	
	IAL ID:	E07-10817-02			
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	0.68	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	0.77	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	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	ND	ND	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	ND	ND	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.1	4.7	0.50	2.2
o-Xylene	95-47-6	0.54	2.4	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: 10/24/07
Job Number: E07-10817
Date Received: 10/12/07
Date Analyzed: 10/18/07
Data File: 101807
Summa ID: 9483B

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

	Sample Name:	SU-W1010		Reporting Limits	
	IAL ID:	E07-10817-03			
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	6.5	15	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	0.63	3.1	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	0.77	3.3	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	0.65	1.9	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	0.59	2.1	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	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	0.51	2.5	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	3.8	16	0.50	2.2
o-Xylene	95-47-6	1.9	8.3	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: 10/24/07
Job Number: E07-10817
Date Received: 10/12/07
Date Analyzed: 10/18/07
Data File: 101808
Summa ID: 2887

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

	Sample Name:	SU-C1010		Reporting Limits	
	IAL ID:	E07-10817-04			
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	0.54	1.1	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	0.65	3.2	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	0.52	1.8	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	ND	ND	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.3	5.8	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

Summary of Results

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

Report Date:	10/22/2007
Job Number:	E07-10817
Date Received:	10/15/2007
Date Analyzed:	10/19/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1010
IAL ID: E07-10817-01

Data File: 101901
Canister ID 2068

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Methane, chlorodifluoro-	75-45-6	47	1.2	4.2
Butane	106-97-8	59	1.1	2.6
Acetonitrile	75-05-8	38	1.1	1.8
Butane, 2-methyl-	78-78-4	50	1.8	5.3

Sample Name: SU-G1010
IAL ID: E07-10817-02

Data File: 101806
Canister ID 3040

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
2-Nonynoic acid	1846-70-4	25	1.3	8.2
Butane	106-97-8	59	1.2	2.8
Ethanol	64-17-5	80	1.2	2.3
2-Pentanone, 3-methyl-	565-61-7	17	1.5	6.1
Z-10-Pentadecenol	1000245-48-5	60	1.7	16

Summary of Results

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

Report Date: 10/22/2007
Job Number: E07-10817
Date Received: 10/15/2007
Date Analyzed: 10/19/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1010
IAL ID: E07-10817-03

Data File: 101807
Canister ID 9483B

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	37	1.1	2.0

Sample Name: SU-C1010
IAL ID: E07-10817-04

Data File: 101808
Canister ID 2887

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
3-Butenamide	28446-58-4	37	1.2	2.2
Butane, 2-methyl-	78-78-4	35	1.0	2.9
Pentadecane	629-62-9	96	1.3	11
Cyclotrisiloxane, hexamethyl-	541-05-9	90	2.2	20
1-Hexanol, 2-ethyl-	104-76-7	83	2.0	28

Summary of Results

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

Report Date: 10/22/07
Job Number: E07-10817
Date Received: 10/15/07
Date Analyzed: 10/19/07

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

Sample Name:	S1010-01A		S1010-02A		S1010-03A		Reporting
IAL ID:	E07-10817-17		E07-10817-18		E07-10817-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.28	0.58	0.19	0.39	0.15	0.32	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Benzaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1010-01A		G1010-02A		G1010-03A		Reporting
IAL ID:	E07-10817-20		E07-10817-21		E07-10817-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.40	0.83	0.92	1.9	0.62	1.3	0.1
Acetaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Propionaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

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

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

Job Number: E07-10817

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

Sample Name:	W1010-01A		W1010-02A		W1010-03A		Reporting
IAL ID:	E07-10817-23		E07-10817-24		E07-10817-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.24	0.50	0.18	0.38	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	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	C1010-01A		C1010-02A*		C1010-03A		Reporting
IAL ID:	E07-10817-26		E07-10817-27		E07-10817-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	2.7	5.5	1.1	2.3	2.2	4.6	0.1
Acetaldehyde	0.74	1.5	0.39	0.80	0.76	1.6	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	0.11	0.22	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Propionaldehyde	0.30	0.63	0.24	0.50	0.40	0.83	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	0.34	0.71	0.17	0.35	0.40	0.83	0.1
Benzaldehyde	1.4	3.0	0.70	1.5	1.0	2.0	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	1.9	4.0	1.1	2.3	2.2	4.6	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	4.4	9.2	2.6	5.4	4.7	9.7	0.1

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

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: 10/18/07
Job Number: E07-10817
Date Received:10/15/07
Date Analyzed: 10/18/07

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
S1010-01H*	E07-10817-05	< 0.6	< 1.3	1.1	2.4
S1010-02H	E07-10817-06	< 0.6	< 1.3	0.77	1.6
S1010-03H*	E07-10817-07	< 0.6	< 1.3	0.45	0.93
G1010-01H	E07-10817-08	< 0.6	< 1.3	0.50	1.0
G1010-02H*	E07-10817-09	< 0.6	< 1.3	0.45	0.93
G1010-03H	E07-10817-10	< 0.6	< 1.3	< 0.4	< 0.8
W1010-01H	E07-10817-11	< 0.6	< 1.3	< 0.4	< 0.8
W1010-02H	E07-10817-12	< 0.6	< 1.3	0.72	1.5
W1010-03H	E07-10817-13	< 0.6	< 1.3	< 0.4	< 0.8
C1010-01H	E07-10817-14	0.95	2.0	< 0.4	< 0.8
C1010-02H	E07-10817-15	< 0.6	< 1.3	< 0.4	< 0.8
C1010-03H	E07-10817-16	1.4	3.0	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

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

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

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 20, 2007

APPENDIX D

Laboratory Analytical Results from October 16/17, 2007

Integrated Analytical Laboratories LLC

Summary of Results

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

Report Date: 10/29/07
Job Number: E07-10963
Date Received: 10/18/07
Date Analyzed: 10/22/07
Data File: 102206
Summa ID: 3125

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

	Sample Name:	SU-S1016		Reporting Limits	
	IAL ID:	E07-10963-01			
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.74	2.4	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	ND	ND	0.50	1.5
Carbon disulfide	75-15-0	1.3	4.1	0.50	1.6
Carbon tetrachloride	56-23-5	0.28	1.8	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	0.74	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	0.86	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	0.60	2.6	0.50	2.2
4-Ethyltoluene	622-96-8	0.31	1.5	0.50	2.5
Heptane	142-82-5	0.21	0.86	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	0.57	2.0	0.50	1.8
Isopropyl alcohol	67-63-0	1.5	3.6	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	7.5	26	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	1.8	6.8	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	0.25	1.3	0.50	2.7
Trichlorofluoromethane	75-69-4	0.54	3.0	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	0.54	2.7	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	0.37	1.7	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	5.1	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: 10/29/07
Job Number: E07-10963
Date Received: 10/18/07
Date Analyzed: 10/22/07
Data File: 102207
Summa ID: 3016

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

	Sample Name:	SU-G1016		Reporting Limits	
	IAL ID:	E07-10963-02			
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	0.86	1.8	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	0.93	4.6	0.50	2.5
1,1-Dichloroethane	75-34-3	ND	ND	0.50	2.0
1,2-Dichloroethane	107-06-2	ND	ND	0.50	2.0
1,1-Dichloroethylene	75-35-4	ND	ND	0.50	2.0
cis-1,2-Dichloroethylene	156-59-2	ND	ND	0.50	2.0
trans-1,2-Dichloroethylene	156-60-5	ND	ND	0.50	2.0
1,2-Dichloropropane	78-87-5	ND	ND	0.50	2.3
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.50	2.3
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.50	2.3
Dichlorotetrafluoroethane	76-14-2	ND	ND	0.50	3.5
Ethylbenzene	100-41-4	ND	ND	0.50	2.2
4-Ethyltoluene	622-96-8	ND	ND	0.50	2.5
Heptane	142-82-5	ND	ND	0.50	2.1
Hexachlorobutadiene	87-68-3	ND	ND	0.50	5.3
Hexane	110-54-3	ND	ND	0.50	1.8
Isopropyl alcohol	67-63-0	ND	ND	0.50	1.2
Methyl ethyl ketone	78-93-3	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	1.1	3.9	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	0.52	2.3	0.50	2.2
o-Xylene	95-47-6	ND	ND	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

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

Report Date: 10/29/07
Job Number: E07-10963
Date Received: 10/18/07
Date Analyzed: 10/22/07
Data File: 102208
Summa ID: 3008

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

	Sample Name:	SU-W1016		Reporting Limits	
	IAL ID:	E07-10963-03			
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	0.81	1.7	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	0.84	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	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	1.5	5.1	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	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	0.62	2.7	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: 10/29/07
Job Number: E07-10963
Date Received: 10/18/07
Date Analyzed: 10/22/07
Data File: 102209
Summa ID: 3129

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

	Sample Name:	SU-C1016		Reporting Limits	
	IAL ID:	E07-10963-04			
Compound	CAS #	ppbv	ug/m3	ppbv	ug/m3
Acetone	67-64-1	17	40	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	4.4	14	0.50	1.6
Carbon tetrachloride	56-23-5	ND	ND	0.50	3.2
Chlorobenzene	108-90-7	ND	ND	0.50	2.3
Chloroethane	75-00-3	ND	ND	0.50	1.3
Chloroform	67-66-3	ND	ND	0.50	2.4
Chloromethane	74-87-3	0.80	1.7	0.50	1.0
3-Chloropropene	107-05-1	ND	ND	0.50	1.6
2-Chlorotoluene	95-49-8	ND	ND	0.50	2.6
Cyclohexane	110-82-7	ND	ND	0.50	1.7
Dibromochloromethane	124-48-1	ND	ND	0.50	4.3
1,2-Dibromoethane	106-93-4	ND	ND	0.50	3.8
1,2-Dichlorobenzene	95-50-1	ND	ND	0.50	3.0
1,3-Dichlorobenzene	541-73-1	ND	ND	0.50	3.0
1,4-Dichlorobenzene	106-46-7	ND	ND	0.50	3.0
Dichlorodifluoromethane	75-71-8	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	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	1.8	4.5	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	18	61	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	0.86	3.2	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	0.92	5.2	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	2.1	9.1	0.50	2.2
o-Xylene	95-47-6	1.0	4.4	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: 10/24/2007
Job Number: E07-10963
Date Received: 10/18/2007
Date Analyzed: 10/22/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1016
IAL ID: E07-10963-01

Data File: 102206
Canister ID 3125

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	64	3.5	6.3
Isobutane	75-28-5	72	2.2	5.2
Butane	106-97-8	64	3.1	7.4
Ethanol	64-17-5	9	1.1	2.1
Acetonitrile	75-05-8	38	1.1	1.8
Butane, 2-methyl-	78-78-4	58	7.6	22
Pentane	109-66-0	90	2.2	6.5
Pentane, 2-methyl-	107-83-5	91	1.2	4.2
Cyclotrisiloxane, hexamethyl-	541-05-9	90	1.3	12
Nonanal	124-19-6	72	1.3	7.6

Sample Name: SU-G1016
IAL ID: E07-10963-02

Data File: 102207
Canister ID 3016

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	64	3.5	6.3
Isobutane	75-28-5	80	1.7	4.0
Butane	106-97-8	64	2.2	5.2
Butane, 2-methyl-	78-78-4	43	3.9	11
Pentane	109-66-0	90	1.0	2.9
Cyclotrisiloxane, hexamethyl-	541-05-9	83	1.9	17
Nonanal	124-19-6	58	1.5	8.7

Summary of Results

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

Report Date: 10/24/2007
Job Number: E07-10963
Date Received: 10/18/2007
Date Analyzed: 10/22/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1016
IAL ID: E07-10963-03

Data File: 102208
Canister ID 3008

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	72	3.7	6.7
Isobutane	75-28-5	72	1.6	3.8
2-Pentanamine	625-30-9	9	1.3	4.6
Acetonitrile	75-05-8	9	2.1	3.5
Butane, 2-methyl-	78-78-4	16	4.5	13
Octanal	124-13-0	87	2.1	11
Nonanal	124-19-6	78	1.3	7.6

Sample Name: SU-C1016
IAL ID: E07-10963-04

Data File: 102209
Canister ID 3129

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Propane	74-98-6	59	2.8	5.0
Isobutane	75-28-5	72	1.5	3.6
Butane	106-97-8	72	1.7	4.0
Acetonitrile	75-05-8	40	2.4	4.0
Cyclotrisiloxane, hexamethyl-	541-05-9	50	1.8	16
Decane	124-18-5	91	1.0	5.8
Pentadecane	629-62-9	95	1.1	10
Nonanal	124-19-6	90	1.0	5.8

Summary of Results

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

Report Date: 11/01/07
Job Number: E07-10963
Date Received: 10/18/07
Date Analyzed: 11/01/07

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

Sample Name:	S1016-01A		S1016-02A		S1016-03A		Reporting
IAL ID:	E07-10963-17		E07-10963-18		E07-10963-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	0.48	1.0	< 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:	G1016-01A		G1016-02A		G1016-03A		Reporting
IAL ID:	E07-10963-20		E07-10963-21		E07-10963-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	1.8	3.8	1.5	3.0	0.1
Acetaldehyde	< 0.1	< 0.2	0.15	0.31	0.16	0.33	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	0.22	0.46	0.28	0.58	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

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

Job Number: E07-10963

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

Sample Name:	W1016-01A		W1016-02A		W1016-03A		Reporting
IAL ID:	E07-10963-23*		E07-10963-24		E07-10963-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	9.2	19	3.2	6.7	4.0	8.3	0.1
Acetaldehyde	3.0	6.2	1.3	2.7	1.4	2.9	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	1.5	3.0	0.64	1.3	1.1	2.2	0.1
Crotonaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Butyraldehyde	1.4	2.9	0.72	1.5	< 0.1	< 0.2	0.1
Benzaldehyde	3.8	7.9	1.5	3.2	< 0.1	< 0.2	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	11	22	4.2	8.7	< 0.2	< 0.4	0.2
o-Tolualdehyde	1.2	2.5	< 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	25	52	11	22	< 0.1	< 0.2	0.1

Sample Name:	C1016-01A		C1016-02A		C1016-03A		Reporting
IAL ID:	E07-10963-26		E07-10963-27		E07-10963-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	1.0	2.0	0.28	0.58	2.6	5.4	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	1.6	3.3	0.2
o-Tolualdehyde	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.4	0.2
m- and p-Tolualdehyde	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Hexaldehyde	< 0.1	< 0.2	< 0.1	< 0.2	4.2	8.8	0.1

*Denotes breakthrough from front to back of sorbent tube for Valeraldehyde and 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: 10/25/07
Job Number: E07-10963
Date Received: 10/18/07
Date Analyzed: 10/24/07

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
S1016-01H	E07-10963-05	0.63	1.3	< 0.4	< 0.8
S1016-02H	E07-10963-06	< 0.6	< 1.3	< 0.4	< 0.8
S1016-03H	E07-10963-07	< 0.6	< 1.3	< 0.4	< 0.8
G1016-01H	E07-10963-08	< 0.6	< 1.3	< 0.4	< 0.8
G1016-02H*	E07-10963-09	< 0.6	< 1.3	0.41	0.86
G1016-03H	E07-10963-10	0.68	1.4	< 0.4	< 0.8
W1016-01H	E07-10963-11	3.4	7.0	< 0.4	< 0.8
W1016-02H	E07-10963-12	2.2	4.5	< 0.4	< 0.8
W1016-03H	E07-10963-13	< 0.6	< 1.3	< 0.4	< 0.8
C1016-01H	E07-10963-14	< 0.6	< 1.3	< 0.4	< 0.8
C1016-02H	E07-10963-15	< 0.6	< 1.3	< 0.4	< 0.8
C1016-03H	E07-10963-16	1.2	2.5	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

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

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

Michael H. Leftin, Ph.D.
Laboratory Director

Analyst: D. Mitchell

Countywide Recycling & Disposal Facility
Ambient Air Monitoring
Monthly Report #6

November 20, 2007

APPENDIX E

Laboratory Analytical Results from October 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.: E07-11234
Date Received: 10/24/07

Sample#:
E07-11234-01, E07-11234-02, E07-11234-03, E07-11234-04

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: 11/5/07
Job Number: E07-11234
Date Received: 10/24/07
Date Analyzed: 11/1/07
Data File: 110103
Summa ID: 2901

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

	Sample Name:	SU-S1022		Reporting	
	IAL ID:	E07-11234-01		Limits	
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	ND	ND	0.50	1.2
Benzene	71-43-2	0.78	2.5	0.50	1.6
Bromodichloromethane	75-27-4	ND	ND	0.50	3.4
Bromoethene	593-60-2	ND	ND	0.50	2.2
Bromoform	75-25-2	ND	ND	0.50	5.2
Bromomethane	74-83-9	ND	ND	0.50	1.9
1,3-Butadiene	106-99-0	ND	ND	0.50	1.1
tert-Butyl alcohol	75-65-0	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	0.77	1.6	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	0.95	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	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	2.0	8.7	0.50	2.2
o-Xylene	95-47-6	0.96	4.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

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

Report Date: 11/5/07
Job Number: E07-11234
Date Received: 10/24/07
Date Analyzed: 10/31/07
Data File: 103102
Summa ID: 3046

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

	Sample Name:	SU-G1022		Reporting Limits	
	IAL ID:	E07-11234-02			
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	ND	ND	0.50	1.5
Methyl isobutyl ketone	108-10-1	ND	ND	0.50	2.1
Methylene chloride	75-09-2	0.81	2.8	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	ND	ND	0.50	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	ND	0.50	3.8
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.50	3.7
1,1,1-Trichloroethane	71-55-6	ND	ND	0.50	2.7
1,1,2-Trichloroethane	79-00-5	ND	ND	0.50	2.7
Trichloroethylene	79-01-6	ND	ND	0.50	2.7
Trichlorofluoromethane	75-69-4	ND	ND	0.50	2.8
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.50	2.5
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.50	2.5
2,2,4-Trimethylpentane	540-84-1	ND	ND	0.50	2.3
Vinyl chloride	75-01-4	ND	ND	0.50	1.3
m or p-Xylene	1330-20-7	1.2	5.4	0.50	2.2
o-Xylene	95-47-6	0.62	2.7	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

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

Report Date: 11/5/07
Job Number: E07-11234
Date Received: 10/24/07
Date Analyzed: 10/31/07
Data File: 103103
Summa ID: 2033

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

	Sample Name:	SU-W1022		Reporting Limits	
	IAL ID:	E07-11234-03			
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	4.3	10	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	0.91	3.2	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	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	2.0	8.6	0.50	2.2
o-Xylene	95-47-6	0.96	4.2	0.50	2.2

D = Extra dilution required for this compound

Analyst: J. Schmitt

Integrated Analytical Laboratories LLC

Summary of Results

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

Report Date: 11/5/07
Job Number: E07-11234
Date Received: 10/24/07
Date Analyzed: 10/31/07
Data File: 103104
Summa ID: 3045

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

	Sample Name:	SU-C1022		Reporting Limits	
	IAL ID:	E07-11234-04			
Compound	**CAS #**	**ppbv**	**ug/m3**	**ppbv**	**ug/m3**
Acetone	67-64-1	5.5	13	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	0.93	3.2	0.50	1.7
Methyl-t-butyl ether	1634-04-4	ND	ND	0.50	1.8
Styrene	100-42-5	ND	ND	0.50	2.1
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.50	3.4
Tetrachloroethylene	127-18-4	ND	ND	0.50	3.4
Toluene	108-88-3	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	2.3	9.9	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

Summary of Results

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

Report Date: 11/2/2007
Job Number: E07-11234
Date Received: 10/24/2007
Date Analyzed: 10/31/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-S1022
IAL ID: E07-11234-01

Data File: 110103
Canister ID 2901

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Cyclopropanecarboxamide	6228-73-5	38	3.0	10
Isobutane	75-28-5	80	2.1	5.0
Butane	106-97-8	64	3.8	9.0
Ethanol	64-17-5	80	1.1	2.1
Butane, 2-methyl-	78-78-4	87	3.6	11
Pentane	109-66-0	86	1.6	4.7
Pentane, 2-methyl-	107-83-5	91	1.0	3.5
Nonanal	124-19-6	72	1.2	7.0

Sample Name: SU-G1022
IAL ID: E07-11234-02

Data File: 103102
Canister ID 3046

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Aluminum, tripropyl-	102-67-0	53	2.1	3.8
L-Alanine, ethyl ester	3082-75-5	9	1.4	6.7
Butane, 2-methyl-	78-78-4	9	2.4	7.1
1,3-Bis(trimethylsilyl)benzene	2060-89-1	74	1.5	14
Eicosane	112-95-8	81	4.1	47

Summary of Results

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

Report Date: 11/2/2007
Job Number: E07-11234
Date Received: 10/24/2007
Date Analyzed: 10/31/2007

Analysis: Tentatively Identified Compounds by Library Search

Sample Name: SU-W1022
IAL ID: E07-11234-03

Data File: 103103
Canister ID 2033

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
Cyclopropanecarboxamide	6228-73-5	53	2.8	9.7
Acetonitrile	75-05-8	38	2.8	4.7
Decane	124-18-5	72	2.5	14.5
Nonanal	124-19-6	72	2.2	13

Sample Name: SU-C1022
IAL ID: E07-11234-04

Data File: 103104
Canister ID 3046

Chemical Name	CAS Number	Qual %	Estimated in ppb	Estimated in µg/m3
3(2H)-Pyridazinone, 4,5-dihydro-	5157-08-4	47	2.2	10.1
2-Pentanamine	625-30-9	5	1.8	6.4
Butane	106-97-8	9	1.3	3.1
Acetonitrile	75-05-8	9	3.7	6.2
Cyclotrisiloxane, hexamethyl-	541-05-9	47	1.8	16

Summary of Results

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

Report Date: 11/05/07
Job Number: E07-11234
Date Received: 10/24/07
Date Analyzed: 11/05/07

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

Sample Name:	S1022-01A		S1022-02A		S1022-03A		Reporting
IAL ID:	E07-11234-17		E07-11234-18		E07-11234-19		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	< 0.1	< 0.2	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	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1

Sample Name:	G1022-01A		G1022-02A		G1022-03A		Reporting
IAL ID:	E07-11234-20		E07-11234-21		E07-11234-22		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	2.2	4.6	1.4	3.0	1.1	2.3	0.1
Acetaldehyde	< 0.1	< 0.2	0.18	0.37	0.20	0.42	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	0.17	0.35	0.13	0.27	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	0.42	0.88	0.1

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

Job Number: E07-11234

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

Sample Name:	W1022-01A		W1022-02A*		W1022-03A*		Reporting
IAL ID:	E07-11234-23		E07-11234-24		E07-11234-25		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	9.2	19	5.4	11	5.8	12	0.1
Acetaldehyde	2.4	5.0	2.9	6.0	2.8	5.9	0.1
Acetone	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.1
Acrolein	< 0.1	< 0.2	1.3	2.7	2.2	4.6	0.1
Propionaldehyde	< 0.1	< 0.2	2.7	5.5	2.8	5.8	0.1
Crotonaldehyde	0.13	0.28	0.24	0.50	< 0.1	< 0.2	0.1
Butyraldehyde	1.1	2.4	2.2	4.6	5.5	12	0.1
Benzaldehyde	4.4	9.2	7.2	15	19	39	0.1
Isovaleraldehyde	< 0.6	< 1.3	1.5	3.1	1.8	3.8	0.6
Valeraldehyde	6.8	14	26	53	30	62	0.2
o-Tolualdehyde	< 0.3	< 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	19	40	58	122	71	148	0.1

Sample Name:	C1022-01A		C1022-02A		C1022-03A		Reporting
IAL ID:	E07-11234-26		E07-11234-27		E07-11234-28		Limits
Compound	ug	ug/m3	ug	ug/m3	ug	ug/m3	ug
Formaldehyde	5.6	12	4.1	8.5	2.8	5.8	0.1
Acetaldehyde	1.3	2.6	0.32	0.67	0.20	0.42	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	0.64	1.3	< 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	0.38	0.79	1.3	2.7	0.88	1.8	0.1
Benzaldehyde	1.4	2.8	4.1	8.5	2.4	5.0	0.1
Isovaleraldehyde	< 0.6	< 1.3	< 0.6	< 1.3	< 0.6	< 1.3	0.6
Valeraldehyde	2.4	5.0	7.7	16	5.4	11	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	7.4	15	11	23	14	30	0.1

*Denotes breakthrough from front to back of sorbent tube for various compounds.

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: 11/01/07
Job Number: E07-11234
Date Received: 10/24/07
Date Analyzed: 10/31/07

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
S1022-01H	E07-11234-05	< 0.6	< 1.3	< 0.4	< 0.8
S1022-02H	E07-11234-06	< 0.6	< 1.3	< 0.4	< 0.8
S1022-03H	E07-11234-07	< 0.6	< 1.3	< 0.4	< 0.8
G1022-01H	E07-11234-08	< 0.6	< 1.3	< 0.4	< 0.8
G1022-02H	E07-11234-09	< 0.6	< 1.3	< 0.4	< 0.8
G1022-03H	E07-11234-10	< 0.6	< 1.3	< 0.4	< 0.8
W1022-01H	E07-11234-11	< 0.6	< 1.3	< 0.4	< 0.8
W1022-02H	E07-11234-12	5.0	11	< 0.4	< 0.8
W1022-03H*	E07-11234-13	6.3	13	< 0.4	< 0.8
C1022-01H	E07-11234-14	1.1	2.3	< 0.4	< 0.8
C1022-02H	E07-11234-15	2.2	4.5	< 0.4	< 0.8
C1022-03H*	E07-11234-16	4.6	9.6	< 0.4	< 0.8
Reporting Limit		0.6		0.4	

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

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