Ames Warehouse Fire ER
Air Sampling Results

	< ---------- EPA Summa Canister Air Sampling Data ---------->										<-------- Ohio EPA Summa Canister Data ------->								
Field Sample #	1710022-01		1710022-2		1710022-3		1710022-4		1710022-5		17102402-01		17102402-01		17102402-01				
Sample Location	AA-01		AA-04		AA-02		AA-03		AA-05		John St		Lowes Parking Lot		Third St				
Sample Type	Field Sample		Field Sample		Field Sample		Field Sample		Field Sample		Field Sample		Field Sample		Field Sample				
Matrix	Air		Air		Air		Air		Air		Air		Air		Air				
Date Sampled	10/26/2017		10/26/2017		10/26/2017		10/26/2017		10/26/2017		10/23/2017		10/23/2017		10/23/2017		PA Risk Leve		AEGLs
Date Analyzed	11/2/2017		11/2/2017		11/2/2017		11/2/2017		11/2/2017		10/24/2017		10/24/2017		10/24/2017		Indoor Air		Range	
Units:	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ppbv	RL	ppbv	RL	ppbv	RL	ug/m3		ppm	AEGL #
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	0.100	0.100	U	0.100	U	0.100				
1,2,4-Trimethylbenzene	U	U	U	U	U	U	U	U	U	U	0.130	0.100	U	0.100	U	0.100				
1,2-Dichlorobenzene	3.7	0.6	U	U	U	U	U	U	U	U	U	0.100	U	0.100	U	0.100	210	HI		
1,4-Dichlorobenzene	2.7	0.4 J	U	U	U	U	U	U	U	U	U	0.100	U	0.100	U	0.100	830	HI		
2-Butanone	U	U	U	U	U	U	U	U	0.5	0.2 J	U	0.500	U	0.500	U	0.500	----	HI		
Acetone	2.5	1	2.3	1	5.6	2.3	2.1	0.9	2.1	0.9	4.540	2.000	2.02	2.000	2.46	2.000	32000	HI	200	
Acrylonitrile	---	---	---	---	---	---	---	---	---	---	0.100	0.100	0.160	0.100	U	0.100				
Benzene	11.6	3.6	2.9	0.9	4.3	1.3	4.3	1.3	3.3	1	0.390	0.100	1.12	0.100	U	0.100	0.36	10-6	130 - 8	
Carbon Tetrachloride	1.8	0.3 J	U	U	U	U	U	U	1	0.2 J	0.110	0.100	U	0.100	U	0.100	0.047	10-6	27 - 5.8	(2)
Chlorobenzene	32.3	7	U	U	U	U	U	U	1.5	0.3 J	U	0.100	U	0.100	U	0.100	52	HI	10	
Chloromethane	1.1	0.5	1	0.5	1.1	0.5	1.1	0.5	1.1	0.6	0.580	0.100	0.660	0.100	0.680	0.100	94	HI		
Cyclohexane	6.2	1.8	1.6	0.5	2.2	0.6	2.5	0.7	2.2	0.6	U	0.100	U	0.100	0.480	0.100	1000	HI		
Dichlorodifluoromethane	2.5	0.5	2.4	0.5	2.5	0.5	2.5	0.5	2.7	0.5	0.540	0.100	0.640	0.100	0.640	0.100	100	HI		
Ethanol	1.9	1	1.2	0.6	1.1	0.6	1.2	0.6	1.7	0.9	4.830	1.000	1.320	1.000	U	1.000	----	HI		
Heptane	U	U	U	U	U	U	U	U	0.6	0.2 J	0.100	0.100	U	0.100	U	0.100	420	HI		
Hexane	0.9	0.3 J	U	U	0.7	0.2 J	0.7	0.2 J	0.9	0.2 J	0.240	0.100	U	0.100	0.220	0.100	730	HI	2900	(2)
Isopropyl alcohol	0.6	0.2 J	0.7	0.3 J	0.6	0.2 J	0.4	0.2 J	0.7	0.3 J	U	0.500	U	0.500	U	0.500	----	HI		
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	0.120	0.100	U	0.100	U	0.100				
m,p-Xylene	1.6	0.4 J	U	U	U	U	U	U	U	U	U	0.200	U	0.200	U	0.200	100	HI		
n-butane	---	---	---	---	---	---	---	---	---	---	2.120	0.100	0.520	0.100	1.580	0.100				
n-pentane	---	---	---	---	---	---	---	---	---	---	0.730	0.100	0.210	0.100	1.210	0.100				
Propylene	U	U	U	U	U	U	U	U	U	U	1.160	0.200	0.590	0.200	0.350	0.200				
Toluene	1.9	0.5	U	U	1.3	0.3 J	1.2	0.3 J	1	0.3 J	0.230	0.100	0.240	0.100	U	0.100	5200	HI	67	
Trichlorofluoromethane	1.3	0.2 J	1.3	0.2 J	1.3	0.2 J	1.3	0.2 J	1.6	0.3 J	0.220	0.100	0.220	0.100	0.220	0.100	----	HI		

----- not included in the TO15 analysis