



Pace Analytical Services, Inc.  
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### ANALYTICAL RESULTS

Client: Hamilton County Dept. of Environmental Services  
 Phone: 513-946-7742

Lab Project Number: 10385451  
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10385451001      ProjSampleNum: 10385451001      Date Collected: 04/13/17 23:59  
 Client Sample ID: K1567041317      Matrix: Air      Date Received: 04/19/17 9:20

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Ftnote
<b>Air</b>							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.2	0.045	04/22/17 9:58 MJL	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.1	0.047	04/22/17 9:58 MJL	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.099	0.045	04/22/17 9:58 MJL	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.074J	ppbv	0.21	0.039	04/22/17 9:58 MJL	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.039	04/22/17 9:58 MJL	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.06	04/22/17 9:58 MJL	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.5	0.12	04/22/17 9:58 MJL	120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.024	04/22/17 9:58 MJL	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.2	0.099	04/22/17 9:58 MJL	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.083	04/22/17 9:58 MJL	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	0.049	04/22/17 9:58 MJL	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.057	04/22/17 9:58 MJL	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.036	04/22/17 9:58 MJL	108-67-8	
<b>1,3-Butadiene</b>	<b>ND</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.08</b>	<b>04/22/17 9:58 MJL</b>	<b>106-99-0</b>	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.087	04/22/17 9:58 MJL	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.2	0.082	04/22/17 9:58 MJL	106-46-7	
2-Butanone (MEK)	0.37J	ppbv	1	0.077	04/22/17 9:58 MJL	78-93-3	
2-Hexanone	ND	ppbv	1	0.098	04/22/17 9:58 MJL	591-78-6	
4-Ethyltoluene	ND	ppbv	0.2	0.038	04/22/17 9:58 MJL	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.053	04/22/17 9:58 MJL	108-10-1	
Acetone	4.4	ppbv	0.99	0.34	04/22/17 9:58 MJL	67-64-1	
<b>Acrylonitrile</b>	<b>0.41J</b>	<b>ppbv</b>	<b>0.5</b>	<b>0.077</b>	<b>04/22/17 9:58 MJL</b>	<b>107-13-1</b>	
Benzene	0.22	ppbv	0.099	0.037	04/22/17 9:58 MJL	71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.028	04/22/17 9:58 MJL	75-27-4	
Bromoform	ND	ppbv	0.5	0.086	04/22/17 9:58 MJL	75-25-2	
Bromomethane	ND	ppbv	0.2	0.079	04/22/17 9:58 MJL	74-83-9	
Carbon disulfide	0.19J	ppbv	0.2	0.032	04/22/17 9:58 MJL	75-15-0	
Carbon tetrachloride	0.064J	ppbv	0.2	0.03	04/22/17 9:58 MJL	56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.028	04/22/17 9:58 MJL	108-90-7	
Chloroethane	ND	ppbv	0.2	0.071	04/22/17 9:58 MJL	75-00-3	
Chloroform	ND	ppbv	0.1	0.038	04/22/17 9:58 MJL	67-66-3	
Chloromethane	0.4	ppbv	0.2	0.052	04/22/17 9:58 MJL	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.062	04/22/17 9:58 MJL	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.08	04/22/17 9:58 MJL	10061-01-5	
Cyclohexane	0.12J	ppbv	0.2	0.091	04/22/17 9:58 MJL	110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.099	04/22/17 9:58 MJL	124-48-1	
Dichlorodifluoromethane	0.44	ppbv	0.2	0.095	04/22/17 9:58 MJL	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.044	04/22/17 9:58 MJL	76-14-2	

### SUPPLEMENTAL REPORT

Date: 4/27/2017

Units Conversion Request

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Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Ftnote
<b>Air</b>							
Ethyl acetate	ND	ppbv	0.2	0.096	04/22/17 9:58 MJL	141-78-6	
Ethylbenzene	0.13J	ppbv	0.2	0.095	04/22/17 9:58 MJL	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.5	0.06	04/22/17 9:58 MJL	87-68-3	
m&p-Xylene	0.39J	ppbv	0.41	0.18	04/22/17 9:58 MJL	179601-23-	
Methylene Chloride	0.27J	ppbv	0.99	0.15	04/22/17 9:58 MJL	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.082	04/22/17 9:58 MJL	1634-04-4	
Naphthalene	0.14J	ppbv	0.51	0.056	04/22/17 9:58 MJL	91-20-3	
n-Heptane	0.12J	ppbv	0.2	0.067	04/22/17 9:58 MJL	142-82-5	
n-Hexane	0.27	ppbv	0.2	0.1	04/22/17 9:58 MJL	110-54-3	
o-Xylene	0.16J	ppbv	0.2	0.079	04/22/17 9:58 MJL	95-47-6	
Propylene	ND	ppbv	0.2	0.08	04/22/17 9:58 MJL	115-07-1	
<b>Styrene</b>	<b>0.25</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.044</b>	<b>04/22/17 9:58 MJL</b>	<b>100-42-5</b>	
Tetrachloroethene	ND	ppbv	0.2	0.041	04/22/17 9:58 MJL	127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.04	04/22/17 9:58 MJL	109-99-9	
Toluene	0.6	ppbv	0.2	0.039	04/22/17 9:58 MJL	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.094	04/22/17 9:58 MJL	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.056	04/22/17 9:58 MJL	10061-02-6	
Trichloroethene	ND	ppbv	0.1	0.051	04/22/17 9:58 MJL	79-01-6	
Trichlorofluoromethane	0.25	ppbv	0.19	0.023	04/22/17 9:58 MJL	75-69-4	
Vinyl acetate	0.17J	ppbv	0.2	0.092	04/22/17 9:58 MJL	108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.077	04/22/17 9:58 MJL	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

**SUPPLEMENTAL REPORT**

Units Conversion Request