



**ANALYTICAL RESULTS**

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

Lab Project Number: 10442911  
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10442911001      ProjSampleNum: 10442911001      Date Collected: 08/06/18 23:59  
 Client Sample ID: K1567080618      Matrix: Air      Date Received: 08/09/18 8:20

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Fnote
<b>Air</b>							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.2	0.056	08/10/18 19:09	MLS 71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.2	0.042	08/10/18 19:09	MLS 79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.1	0.045	08/10/18 19:09	MLS 79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.21	0.072	08/10/18 19:09	MLS 76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.053	08/10/18 19:09	MLS 75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.067	08/10/18 19:09	MLS 75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.99	0.49	08/10/18 19:09	MLS 120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.09	08/10/18 19:09	MLS 95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.1	0.047	08/10/18 19:09	MLS 106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.082	08/10/18 19:09	MLS 95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	0.036	08/10/18 19:09	MLS 107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.049	08/10/18 19:09	MLS 78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.08	08/10/18 19:09	MLS 108-67-8	
<b>1,3-Butadiene</b>	<b>ND</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.058</b>	<b>08/10/18 19:09</b>	<b>MLS 106-99-0</b>	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.095	08/10/18 19:09	MLS 541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.51	0.16	08/10/18 19:09	MLS 106-46-7	
2-Butanone (MEK)	0.4J	ppbv	1	0.12	08/10/18 19:09	MLS 78-93-3	
2-Hexanone	ND	ppbv	1	0.18	08/10/18 19:09	MLS 591-78-6	
4-Ethyltoluene	ND	ppbv	0.5	0.11	08/10/18 19:09	MLS 622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.12	08/10/18 19:09	MLS 108-10-1	
Acetone	2.5	ppbv	0.99	0.5	08/10/18 19:09	MLS 67-64-1	
<b>Acrylonitrile</b>	<b>ND</b>	<b>ppbv</b>	<b>0.5</b>	<b>0.15</b>	<b>08/10/18 19:09</b>	<b>MLS 107-13-1</b>	<b>N2</b>
Benzene	0.077J	ppbv	0.099	0.046	08/10/18 19:09	MLS 71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.054	08/10/18 19:09	MLS 75-27-4	
Bromoform	ND	ppbv	0.49	0.13	08/10/18 19:09	MLS 75-25-2	
Bromomethane	ND	ppbv	0.2	0.058	08/10/18 19:09	MLS 74-83-9	
Carbon disulfide	0.085J	ppbv	0.2	0.069	08/10/18 19:09	MLS 75-15-0	
Carbon tetrachloride	ND	ppbv	0.2	0.067	08/10/18 19:09	MLS 56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.06	08/10/18 19:09	MLS 108-90-7	
Chloroethane	ND	ppbv	0.2	0.097	08/10/18 19:09	MLS 75-00-3	
Chloroform	ND	ppbv	0.1	0.04	08/10/18 19:09	MLS 67-66-3	
Chloromethane	0.3	ppbv	0.2	0.076	08/10/18 19:09	MLS 74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.055	08/10/18 19:09	MLS 156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.065	08/10/18 19:09	MLS 10061-01-5	
Cyclohexane	ND	ppbv	0.51	0.1	08/10/18 19:09	MLS 110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.083	08/10/18 19:09	MLS 124-48-1	
Dichlorodifluoromethane	0.44	ppbv	0.2	0.058	08/10/18 19:09	MLS 75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.062	08/10/18 19:09	MLS 76-14-2	

**SUPPLEMENTAL REPORT**

Units Conversion Request



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Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Fnote
<b>Air</b>							
Ethyl acetate	ND	ppbv	0.2	0.052	08/10/18 19:09	MLS 141-78-6	
Ethylbenzene	0.086J	ppbv	0.2	0.068	08/10/18 19:09	MLS 100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.5	0.18	08/10/18 19:09	MLS 87-68-3	
m&p-Xylene	ND	ppbv	0.41	0.16	08/10/18 19:09	MLS 179601-23-	
Methylene Chloride	ND	ppbv	0.99	0.27	08/10/18 19:09	MLS 75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.18	08/10/18 19:09	MLS 1634-04-4	
Naphthalene	0.38J	ppbv	0.51	0.24	08/10/18 19:09	MLS 91-20-3	
n-Heptane	ND	ppbv	0.2	0.091	08/10/18 19:09	MLS 142-82-5	
n-Hexane	0.1J	ppbv	0.2	0.087	08/10/18 19:09	MLS 110-54-3	
o-Xylene	ND	ppbv	0.2	0.077	08/10/18 19:09	MLS 95-47-6	
Propylene	0.38	ppbv	0.2	0.08	08/10/18 19:09	MLS 115-07-1	
<b>Styrene</b>	<b>0.21</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.079</b>	<b>08/10/18 19:09</b>	<b>MLS 100-42-5</b>	
Tetrachloroethene	ND	ppbv	0.1	0.045	08/10/18 19:09	MLS 127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.087	08/10/18 19:09	MLS 109-99-9	
Toluene	0.42	ppbv	0.2	0.091	08/10/18 19:09	MLS 108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.069	08/10/18 19:09	MLS 156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.095	08/10/18 19:09	MLS 10061-02-6	
Trichloroethene	ND	ppbv	0.1	0.048	08/10/18 19:09	MLS 79-01-6	
Trichlorofluoromethane	0.16J	ppbv	0.19	0.065	08/10/18 19:09	MLS 75-69-4	
Vinyl acetate	ND	ppbv	0.2	0.075	08/10/18 19:09	MLS 108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.05	08/10/18 19:09	MLS 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