



### ANALYTICAL RESULTS

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

Lab Project Number: 10415931  
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10415931001      ProjSampleNum: 10415931001      Date Collected: 12/21/17 23:59  
 Client Sample ID: K3038122117      Matrix: Air      Date Received: 12/29/17 9:00

Parameters	Results	Units	Report Limit	MDL	Analyzed	CAS No.	Ftnote
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#### Air

TO-15

1,1,1-Trichloroethane	ND	ppbv	0.2	0.061	01/03/18 18:16 AFV	71-55-6	
1,1,2,2-Tetrachloroethane	0.19J	ppbv	0.2	0.042	01/03/18 18:16 AFV	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.5	0.04	01/03/18 18:16 AFV	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.21	0.047	01/03/18 18:16 AFV	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.051	01/03/18 18:16 AFV	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.06	01/03/18 18:16 AFV	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.99	0.13	01/03/18 18:16 AFV	120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.034	01/03/18 18:16 AFV	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.2	0.042	01/03/18 18:16 AFV	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.054	01/03/18 18:16 AFV	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.51	0.049	01/03/18 18:16 AFV	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.066	01/03/18 18:16 AFV	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.082	01/03/18 18:16 AFV	108-67-8	
<b>1,3-Butadiene</b>	<b>ND</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.093</b>	<b>01/03/18 18:16 AFV</b>	<b>106-99-0</b>	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.077	01/03/18 18:16 AFV	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.2	0.036	01/03/18 18:16 AFV	106-46-7	
2-Butanone (MEK)	ND	ppbv	1	0.067	01/03/18 18:16 AFV	78-93-3	
2-Hexanone	ND	ppbv	1	0.15	01/03/18 18:16 AFV	591-78-6	
4-Ethyltoluene	ND	ppbv	0.2	0.042	01/03/18 18:16 AFV	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.086	01/03/18 18:16 AFV	108-10-1	
Acetone	1.4	ppbv	0.99	0.62	01/03/18 18:16 AFV	67-64-1	
<b>Acrylonitrile</b>	<b>ND</b>	<b>ppbv</b>	<b>0.5</b>	<b>0.15</b>	<b>01/03/18 18:16 AFV</b>	<b>107-13-1</b>	
Benzene	0.31	ppbv	0.099	0.046	01/03/18 18:16 AFV	71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.053	01/03/18 18:16 AFV	75-27-4	
Bromoform	0.25	ppbv	0.2	0.066	01/03/18 18:16 AFV	75-25-2	
Bromomethane	ND	ppbv	0.2	0.053	01/03/18 18:16 AFV	74-83-9	
Carbon disulfide	ND	ppbv	0.2	0.057	01/03/18 18:16 AFV	75-15-0	
Carbon tetrachloride	0.073J	ppbv	0.1	0.05	01/03/18 18:16 AFV	56-23-5	
Chlorobenzene	0.49	ppbv	0.2	0.038	01/03/18 18:16 AFV	108-90-7	
Chloroethane	ND	ppbv	0.2	0.075	01/03/18 18:16 AFV	75-00-3	
Chloroform	ND	ppbv	0.2	0.046	01/03/18 18:16 AFV	67-66-3	
Chloromethane	0.31	ppbv	0.2	0.062	01/03/18 18:16 AFV	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.084	01/03/18 18:16 AFV	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.5	0.052	01/03/18 18:16 AFV	10061-01-5	
Cyclohexane	ND	ppbv	0.2	0.066	01/03/18 18:16 AFV	110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.051	01/03/18 18:16 AFV	124-48-1	
Dichlorodifluoromethane	0.34	ppbv	0.2	0.084	01/03/18 18:16 AFV	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.062	01/03/18 18:16 AFV	76-14-2	

### SUPPLEMENTAL REPORT

Units Conversion Request



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<b>Air</b>							
Ethyl acetate	ND	ppbv	0.2	0.055	01/03/18 18:16 AFV	141-78-6	
Ethylbenzene	ND	ppbv	0.2	0.039	01/03/18 18:16 AFV	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.2	0.08	01/03/18 18:16 AFV	87-68-3	
m&p-Xylene	ND	ppbv	0.41	0.079	01/03/18 18:16 AFV	179601-23-	
Methylene Chloride	ND	ppbv	0.99	0.42	01/03/18 18:16 AFV	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.18	01/03/18 18:16 AFV	1634-04-4	
Naphthalene	ND	ppbv	1	0.11	01/03/18 18:16 AFV	91-20-3	
n-Heptane	ND	ppbv	0.2	0.05	01/03/18 18:16 AFV	142-82-5	
n-Hexane	0.27	ppbv	0.2	0.092	01/03/18 18:16 AFV	110-54-3	
o-Xylene	ND	ppbv	0.2	0.084	01/03/18 18:16 AFV	95-47-6	
Propylene	ND	ppbv	0.2	0.091	01/03/18 18:16 AFV	115-07-1	
<b>Styrene</b>	<b>ND</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.039</b>	<b>01/03/18 18:16 AFV</b>	<b>100-42-5</b>	
Tetrachloroethene	ND	ppbv	0.1	0.042	01/03/18 18:16 AFV	127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.09	01/03/18 18:16 AFV	109-99-9	
Toluene	0.52	ppbv	0.2	0.042	01/03/18 18:16 AFV	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.074	01/03/18 18:16 AFV	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.091	01/03/18 18:16 AFV	10061-02-6	
Trichloroethene	0.081J	ppbv	0.1	0.049	01/03/18 18:16 AFV	79-01-6	
Trichlorofluoromethane	0.19J	ppbv	0.19	0.074	01/03/18 18:16 AFV	75-69-4	
Vinyl acetate	ND	ppbv	0.2	0.047	01/03/18 18:16 AFV	108-05-4	
Vinyl chloride	ND	ppbv	0.1	0.05	01/03/18 18:16 AFV	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