



### ANALYTICAL RESULTS

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

Lab Project Number: 10381647  
 Project Name: Kibby Lane Air Monitor

Lab Sample No: 10381647001      ProjSampleNum: 10381647001      Date Collected: 03/08/17 0:22  
 Client Sample ID: K1122030817      Matrix: Air      Date Received: 03/14/17 9:00

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	03/24/17 20:21	NCK 71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.2	0.047	03/24/17 20:21	NCK 79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.2	0.045	03/24/17 20:21	NCK 79-00-5	
1,1,2-Trichlorotrifluoroethane	0.081J	ppbv	0.21	0.039	03/24/17 20:21	NCK 76-13-1	
1,1-Dichloroethane	ND	ppbv	0.2	0.039	03/24/17 20:21	NCK 75-34-3	
1,1-Dichloroethene	ND	ppbv	0.2	0.06	03/24/17 20:21	NCK 75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.99	0.12	03/24/17 20:21	NCK 120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.2	0.024	03/24/17 20:21	NCK 95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.2	0.099	03/24/17 20:21	NCK 106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.2	0.083	03/24/17 20:21	NCK 95-50-1	
1,2-Dichloroethane	ND	ppbv	0.2	0.049	03/24/17 20:21	NCK 107-06-2	
1,2-Dichloropropane	ND	ppbv	0.2	0.057	03/24/17 20:21	NCK 78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.2	0.036	03/24/17 20:21	NCK 108-67-8	
<b>1,3-Butadiene</b>	<b>ND</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.08</b>	<b>03/24/17 20:21</b>	<b>NCK 106-99-0</b>	
1,3-Dichlorobenzene	ND	ppbv	0.2	0.087	03/24/17 20:21	NCK 541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.51	0.082	03/24/17 20:21	NCK 106-46-7	
2-Butanone (MEK)	ND	ppbv	1	0.077	03/24/17 20:21	NCK 78-93-3	
2-Hexanone	ND	ppbv	1	0.098	03/24/17 20:21	NCK 591-78-6	
4-Ethyltoluene	ND	ppbv	0.2	0.038	03/24/17 20:21	NCK 622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	1	0.053	03/24/17 20:21	NCK 108-10-1	
Acetone	1.6	ppbv	0.99	0.34	03/24/17 20:21	NCK 67-64-1	
<b>Acrylonitrile</b>	<b>ND</b>	<b>ppbv</b>	<b>0.5</b>	<b>0.077</b>	<b>03/24/17 20:21</b>	<b>NCK 107-13-1</b>	
Benzene	0.099J	ppbv	0.2	0.037	03/24/17 20:21	NCK 71-43-2	
Bromodichloromethane	ND	ppbv	0.21	0.028	03/24/17 20:21	NCK 75-27-4	
Bromoform	ND	ppbv	0.2	0.086	03/24/17 20:21	NCK 75-25-2	
Bromomethane	ND	ppbv	0.2	0.079	03/24/17 20:21	NCK 74-83-9	
Carbon disulfide	ND	ppbv	0.2	0.032	03/24/17 20:21	NCK 75-15-0	
Carbon tetrachloride	0.055J	ppbv	0.2	0.03	03/24/17 20:21	NCK 56-23-5	
Chlorobenzene	ND	ppbv	0.2	0.028	03/24/17 20:21	NCK 108-90-7	
Chloroethane	ND	ppbv	0.2	0.071	03/24/17 20:21	NCK 75-00-3	
Chloroform	ND	ppbv	0.2	0.038	03/24/17 20:21	NCK 67-66-3	
Chloromethane	0.32	ppbv	0.2	0.052	03/24/17 20:21	NCK 74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.2	0.062	03/24/17 20:21	NCK 156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.2	0.08	03/24/17 20:21	NCK 10061-01-5	
Cyclohexane	ND	ppbv	0.2	0.091	03/24/17 20:21	NCK 110-82-7	
Dibromochloromethane	ND	ppbv	0.2	0.099	03/24/17 20:21	NCK 124-48-1	
Dichlorodifluoromethane	0.4	ppbv	0.2	0.095	03/24/17 20:21	NCK 75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.2	0.044	03/24/17 20:21	NCK 76-14-2	

### SUPPLEMENTAL REPORT

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	03/24/17 20:21 NCK	141-78-6	
Ethylbenzene	ND	ppbv	0.2	0.095	03/24/17 20:21 NCK	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.2	0.06	03/24/17 20:21 NCK	87-68-3	
m&p-Xylene	ND	ppbv	0.41	0.18	03/24/17 20:21 NCK	179601-23-	
Methylene Chloride	ND	ppbv	0.99	0.15	03/24/17 20:21 NCK	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	1	0.082	03/24/17 20:21 NCK	1634-04-4	
Naphthalene	ND	ppbv	0.51	0.056	03/24/17 20:21 NCK	91-20-3	
n-Heptane	ND	ppbv	0.2	0.067	03/24/17 20:21 NCK	142-82-5	
n-Hexane	0.16J	ppbv	0.2	0.1	03/24/17 20:21 NCK	110-54-3	
o-Xylene	ND	ppbv	0.2	0.079	03/24/17 20:21 NCK	95-47-6	
Propylene	ND	ppbv	0.2	0.08	03/24/17 20:21 NCK	115-07-1	
<b>Styrene</b>	<b>ND</b>	<b>ppbv</b>	<b>0.2</b>	<b>0.044</b>	<b>03/24/17 20:21 NCK</b>	<b>100-42-5</b>	
Tetrachloroethene	ND	ppbv	0.2	0.041	03/24/17 20:21 NCK	127-18-4	
Tetrahydrofuran	ND	ppbv	0.2	0.04	03/24/17 20:21 NCK	109-99-9	
Toluene	ND	ppbv	0.2	0.039	03/24/17 20:21 NCK	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.2	0.094	03/24/17 20:21 NCK	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.2	0.056	03/24/17 20:21 NCK	10061-02-6	
Trichloroethene	ND	ppbv	0.2	0.051	03/24/17 20:21 NCK	79-01-6	
Trichlorofluoromethane	0.26	ppbv	0.19	0.023	03/24/17 20:21 NCK	75-69-4	
Vinyl acetate	ND	ppbv	0.2	0.092	03/24/17 20:21 NCK	108-05-4	
Vinyl chloride	ND	ppbv	0.2	0.077	03/24/17 20:21 NCK	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