

ANALYTICAL RESULTS

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

Lab Project Number: 1045066
Project Name: ADDYSTON AREA MONITOR

Lab Sample No: 1045066002
Client Sample ID: 1103011207

ProjSampleNum: 1045066002
Matrix: Air

Date Collected: 01/12/07 0:00
Date Received: 01/19/07 9:05

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.099	1	01/20/07 7:05 LCW	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.099	1	01/20/07 7:05 LCW	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.099	1	01/20/07 7:05 LCW	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.066	1	01/20/07 7:05 LCW	120-82-1	
1,2,4-Trimethylbenzene	0.5	ppbv	0.24	1	01/20/07 7:05 LCW	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.1	1	01/20/07 7:05 LCW	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.098	1	01/20/07 7:05 LCW	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.24	1	01/20/07 7:05 LCW	108-67-8	
1,3-Butadiene	16.8	ppbv	0.098	1	01/20/07 7:05 LCW	106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.098	1	01/20/07 7:05 LCW	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.098	1	01/20/07 7:05 LCW	106-46-7	
2-Butanone (MEK)	0.801	ppbv	0.1	1	01/20/07 7:05 LCW	78-93-3	
2-Hexanone	ND	ppbv	0.1	1	01/20/07 7:05 LCW	591-78-6	IC
4-Ethyltoluene	ND	ppbv	0.24	1	01/20/07 7:05 LCW	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	0.1	1	01/20/07 7:05 LCW	108-10-1	IC
Acetone	4.85	ppbv	0.099	1	01/20/07 7:05 LCW	67-64-1	
Acrylonitrile	4.4	ppbv	0.25	1	01/22/07 22:36 LCW	107-13-1	
Benzene	0.231	ppbv	0.099	1	01/20/07 7:05 LCW	71-43-2	
Bromodichloromethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	75-27-4	
Bromoform	ND	ppbv	0.095	1	01/20/07 7:05 LCW	75-25-2	
Bromomethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	74-83-9	
Carbon disulfide	ND	ppbv	0.1	1	01/20/07 7:05 LCW	75-15-0	
Carbon tetrachloride	ND	ppbv	0.1	1	01/20/07 7:05 LCW	56-23-5	
Chlorobenzene	ND	ppbv	0.1	1	01/20/07 7:05 LCW	108-90-7	
Chloroethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	75-00-3	
Chloroform	ND	ppbv	0.1	1	01/20/07 7:05 LCW	67-66-3	
Chloromethane	ND	ppbv	0.1	1	01/20/07 7:05 LCW	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.099	1	01/20/07 7:05 LCW	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.1	1	01/20/07 7:05 LCW	10061-01-5	
Cyclohexane	ND	ppbv	0.097	1	01/20/07 7:05 LCW	110-82-7	

SUPPLEMENTAL REPORT

Units Conversion Request

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Dibromochloromethane	ND	ppbv	0.098	1	01/20/07 7:05	LCW	124-48-1	
Dichlorodifluoromethane	0.577	ppbv	0.099	1	01/20/07 7:05	LCW	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.099	1	01/20/07 7:05	LCW	76-14-2	
Ethyl acetate	ND	ppbv	0.098	1	01/20/07 7:05	LCW	141-78-6	
Ethylbenzene	0.657	ppbv	0.1	1	01/20/07 7:05	LCW	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.1	1	01/20/07 7:05	LCW	87-68-3	
m&p-Xylene	1.38	ppbv	0.2	1	01/20/07 7:05	LCW	1330-20-7	
Methylene Chloride	0.283	ppbv	0.1	1	01/20/07 7:05	LCW	75-09-2	SS
Methyl-tert-butyl ether	ND	ppbv	0.098	1	01/20/07 7:05	LCW	1634-04-4	
Naphthalene	ND	ppbv	0.26	1	01/20/07 7:05	LCW	91-20-3	
n-Heptane	ND	ppbv	0.1	1	01/20/07 7:05	LCW	142-82-5	
n-Hexane	ND	ppbv	0.1	1	01/20/07 7:05	LCW	110-54-3	
o-Xylene	0.748	ppbv	0.1	1	01/20/07 7:05	LCW	95-47-6	
Propylene	ND	ppbv	0.1	1	01/20/07 7:05	LCW	115-07-1	
Styrene	2.12	ppbv	0.1	1	01/20/07 7:05	LCW	100-42-5	
Tetrachloroethene	ND	ppbv	0.1	1	01/20/07 7:05	LCW	127-18-4	
Tetrahydrofuran	ND	ppbv	0.1	1	01/20/07 7:05	LCW	109-99-9	
Toluene	0.705	ppbv	0.099	1	01/20/07 7:05	LCW	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.099	1	01/20/07 7:05	LCW	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.1	1	01/20/07 7:05	LCW	10061-02-6	
Trichloroethene	ND	ppbv	0.1	1	01/20/07 7:05	LCW	79-01-6	
Trichlorofluoromethane	0.263	ppbv	0.096	1	01/20/07 7:05	LCW	75-69-4	
Vinyl acetate	ND	ppbv	0.1	1	01/20/07 7:05	LCW	108-05-4	
Vinyl chloride	ND	ppbv	0.1	1	01/20/07 7:05	LCW	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.

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PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

J Estimated concentration above the adjusted method detection limit and below the adjusted reporti

[IC] The initial calibration for this compound was outside of method control limits. The r
estimated.

[SS] This analyte did not meet the secondary source verification criteria for the initial
calibration. The reported result should be considered an estimated value.

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