



Pace Analytical Services, Inc.  
 1700 Elm Street – Suite 200  
 Minneapolis, MN 55414  
 Phone: 612.607.1700  
 Fax: 612.607.6444

**ANALYTICAL RESULTS**

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

Lab Project Number: 1095234  
 Project Name: 01959 ADDYSTON AIR MONIT

Lab Sample No: 1095234001  
 Client Sample ID: 0855050709

ProjSampleNum: 1095234001  
 Matrix: Air

Date Collected: 05/07/09 23:59  
 Date Received: 05/18/09 10:05

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
<b>Air</b>							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.099	1	05/21/09 20:41	DB1 71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.099	1	05/21/09 20:41	DB1 79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 76-13-1	
1,1-Dichloroethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 75-34-3	
1,1-Dichloroethene	ND	ppbv	0.099	1	05/21/09 20:41	DB1 75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.066	1	05/21/09 20:41	DB1 120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.24	1	05/21/09 20:41	DB1 95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.1	1	05/21/09 20:41	DB1 106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.098	1	05/21/09 20:41	DB1 95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 107-06-2	
1,2-Dichloropropane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.24	1	05/21/09 20:41	DB1 108-67-8	
1,3-Butadiene	ND	ppbv	0.098	1	05/21/09 20:41	DB1 106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.098	1	05/21/09 20:41	DB1 541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.098	1	05/21/09 20:41	DB1 106-46-7	
2-Butanone (MEK)	0.634	ppbv	0.1	1	05/21/09 20:41	DB1 78-93-3	
2-Hexanone	ND	ppbv	0.1	1	05/21/09 20:41	DB1 591-78-6	
4-Ethyltoluene	ND	ppbv	0.24	1	05/21/09 20:41	DB1 622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	0.1	1	05/21/09 20:41	DB1 108-10-1	
Acetone	3.23	ppbv	0.099	1	05/21/09 20:41	DB1 67-64-1	
Acrylonitrile	ND	ppbv	0.25	1	05/21/09 20:41	DB1 107-13-1	
Benzene	ND	ppbv	0.099	1	05/21/09 20:41	DB1 71-43-2	
Bromodichloromethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 75-27-4	
Bromoform	ND	ppbv	0.095	1	05/21/09 20:41	DB1 75-25-2	
Bromomethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 74-83-9	
Carbon disulfide	ND	ppbv	0.1	1	05/21/09 20:41	DB1 75-15-0	
Carbon tetrachloride	ND	ppbv	0.1	1	05/21/09 20:41	DB1 56-23-5	
Chlorobenzene	ND	ppbv	0.1	1	05/21/09 20:41	DB1 108-90-7	
Chloroethane	ND	ppbv	0.1	1	05/21/09 20:41	DB1 75-00-3	
Chloroform	ND	ppbv	0.1	1	05/21/09 20:41	DB1 67-66-3	

**SUPPLEMENTAL REPORT**

Units Conversion Request

Date: 6/1/2009

Page 1



Pace Analytical Services, Inc.  
 1700 Elm Street – Suite 200  
 Minneapolis, MN 55414  
 Phone: 612.607.1700  
 Fax: 612.607.6444

**ANALYTICAL RESULTS**

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

Lab Project Number: 1095234  
 Project Name: 01959 ADDYSTON AIR MONIT

Chloromethane	0.467	ppbv	0.1	1	05/21/09 20:41	DB1	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.099	1	05/21/09 20:41	DB1	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	10061-01-5	
Cyclohexane	ND	ppbv	0.097	1	05/21/09 20:41	DB1	110-82-7	
Dibromochloromethane	ND	ppbv	0.098	1	05/21/09 20:41	DB1	124-48-1	
Dichlorodifluoromethane	0.557	ppbv	0.099	1	05/21/09 20:41	DB1	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.099	1	05/21/09 20:41	DB1	76-14-2	
Ethyl acetate	ND	ppbv	0.098	1	05/21/09 20:41	DB1	141-78-6	
Ethylbenzene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	87-68-3	
m&p-Xylene	ND	ppbv	0.2	1	05/21/09 20:41	DB1	1330-20-7	
Methylene Chloride	ND	ppbv	0.1	1	05/21/09 20:41	DB1	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	0.098	1	05/21/09 20:41	DB1	1634-04-4	
Naphthalene	ND	ppbv	0.26	1	05/21/09 20:41	DB1	91-20-3	
n-Heptane	ND	ppbv	0.1	1	05/21/09 20:41	DB1	142-82-5	
n-Hexane	ND	ppbv	0.1	1	05/21/09 20:41	DB1	110-54-3	
o-Xylene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	95-47-6	
Propylene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	115-07-1	
Styrene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	100-42-5	
Tetrachloroethene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	127-18-4	
Tetrahydrofuran	ND	ppbv	0.1	1	05/21/09 20:41	DB1	109-99-9	L2
Toluene	1.41	ppbv	0.099	1	05/21/09 20:41	DB1	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.099	1	05/21/09 20:41	DB1	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	10061-02-6	
Trichloroethene	ND	ppbv	0.1	1	05/21/09 20:41	DB1	79-01-6	
Trichlorofluoromethane	0.333	ppbv	0.096	1	05/21/09 20:41	DB1	75-69-4	
Vinyl acetate	ND	ppbv	0.1	1	05/21/09 20:41	DB1	108-05-4	
Vinyl chloride	ND	ppbv	0.1	1	05/21/09 20:41	DB1	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



Pace Analytical Services, Inc.  
1700 Elm Street – Suite 200  
Minneapolis, MN 55414  
Phone: 612.607.1700  
Fax: 612.607.6444

## ANALYTICAL RESULTS

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

Lab Project Number: 1095234  
Project Name: 01959 ADDYSTON AIR MONIT

---

## 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 reporting limit.

[L2] Analyte recovery in the laboratory control sample (LCS) was below QC limits.  
Results may be biased low.

## SUPPLEMENTAL REPORT

Units Conversion Request

Date: 6/1/2009

Page 3