



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: 1094792
 Project Name: 01959 ADDYSTON AIR MONIT

Lab Sample No: 1094792001
 Client Sample ID: 0843050109

ProjSampleNum: 1094792001
 Matrix: Air

Date Collected: 05/01/09 23:59
 Date Received: 05/12/09 9:53

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
1,1,1-Trichloroethane	ND	ppbv	0.099	1	05/21/09 19:37 DB1	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	79-34-5	
1,1,2-Trichloroethane	ND	ppbv	0.099	1	05/21/09 19:37 DB1	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	76-13-1	
1,1-Dichloroethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	75-34-3	
1,1-Dichloroethene	ND	ppbv	0.099	1	05/21/09 19:37 DB1	75-35-4	
1,2,4-Trichlorobenzene	ND	ppbv	0.066	1	05/21/09 19:37 DB1	120-82-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.24	1	05/21/09 19:37 DB1	95-63-6	
1,2-Dibromoethane (EDB)	ND	ppbv	0.1	1	05/21/09 19:37 DB1	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.098	1	05/21/09 19:37 DB1	95-50-1	
1,2-Dichloroethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	107-06-2	
1,2-Dichloropropane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	78-87-5	
1,3,5-Trimethylbenzene	ND	ppbv	0.24	1	05/21/09 19:37 DB1	108-67-8	
1,3-Butadiene	ND	ppbv	0.098	1	05/21/09 19:37 DB1	106-99-0	
1,3-Dichlorobenzene	ND	ppbv	0.098	1	05/21/09 19:37 DB1	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.098	1	05/21/09 19:37 DB1	106-46-7	
2-Butanone (MEK)	0.367	ppbv	0.1	1	05/21/09 19:37 DB1	78-93-3	
2-Hexanone	ND	ppbv	0.1	1	05/21/09 19:37 DB1	591-78-6	
4-Ethyltoluene	ND	ppbv	0.24	1	05/21/09 19:37 DB1	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	0.1	1	05/21/09 19:37 DB1	108-10-1	
Acetone	2.07	ppbv	0.099	1	05/21/09 19:37 DB1	67-64-1	
Acrylonitrile	1.1	ppbv	0.25	1	05/21/09 19:37 DB1	107-13-1	CH
Benzene	ND	ppbv	0.099	1	05/21/09 19:37 DB1	71-43-2	
Bromodichloromethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	75-27-4	
Bromoform	ND	ppbv	0.095	1	05/21/09 19:37 DB1	75-25-2	
Bromomethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	74-83-9	
Carbon disulfide	ND	ppbv	0.1	1	05/21/09 19:37 DB1	75-15-0	
Carbon tetrachloride	ND	ppbv	0.1	1	05/21/09 19:37 DB1	56-23-5	
Chlorobenzene	ND	ppbv	0.1	1	05/21/09 19:37 DB1	108-90-7	
Chloroethane	ND	ppbv	0.1	1	05/21/09 19:37 DB1	75-00-3	
Chloroform	ND	ppbv	0.1	1	05/21/09 19:37 DB1	67-66-3	

SUPPLEMENTAL REPORT

Units Conversion Request



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Lab Project Number: 1094792
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Chloromethane	0.438	ppbv	0.1	1	05/21/09 19:37	DB1	74-87-3	
cis-1,2-Dichloroethene	ND	ppbv	0.099	1	05/21/09 19:37	DB1	156-59-2	
cis-1,3-Dichloropropene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	10061-01-5	
Cyclohexane	ND	ppbv	0.097	1	05/21/09 19:37	DB1	110-82-7	
Dibromochloromethane	ND	ppbv	0.098	1	05/21/09 19:37	DB1	124-48-1	
Dichlorodifluoromethane	0.537	ppbv	0.099	1	05/21/09 19:37	DB1	75-71-8	
Dichlorotetrafluoroethane	ND	ppbv	0.099	1	05/21/09 19:37	DB1	76-14-2	
Ethyl acetate	ND	ppbv	0.098	1	05/21/09 19:37	DB1	141-78-6	
Ethylbenzene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	87-68-3	
m&p-Xylene	ND	ppbv	0.2	1	05/21/09 19:37	DB1	1330-20-7	
Methylene Chloride	ND	ppbv	0.1	1	05/21/09 19:37	DB1	75-09-2	
Methyl-tert-butyl ether	ND	ppbv	0.098	1	05/21/09 19:37	DB1	1634-04-4	
Naphthalene	ND	ppbv	0.26	1	05/21/09 19:37	DB1	91-20-3	
n-Heptane	ND	ppbv	0.1	1	05/21/09 19:37	DB1	142-82-5	
n-Hexane	ND	ppbv	0.1	1	05/21/09 19:37	DB1	110-54-3	
o-Xylene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	95-47-6	
Propylene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	115-07-1	
Styrene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	100-42-5	
Tetrachloroethene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	127-18-4	
Tetrahydrofuran	ND	ppbv	0.1	1	05/21/09 19:37	DB1	109-99-9	L2
Toluene	ND	ppbv	0.099	1	05/21/09 19:37	DB1	108-88-3	
trans-1,2-Dichloroethene	ND	ppbv	0.099	1	05/21/09 19:37	DB1	156-60-5	
trans-1,3-Dichloropropene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	10061-02-6	
Trichloroethene	ND	ppbv	0.1	1	05/21/09 19:37	DB1	79-01-6	
Trichlorofluoromethane	0.228	ppbv	0.096	1	05/21/09 19:37	DB1	75-69-4	
Vinyl acetate	ND	ppbv	0.1	1	05/21/09 19:37	DB1	108-05-4	
Vinyl chloride	ND	ppbv	0.1	1	05/21/09 19:37	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.

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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 reporting limit.

[CH] The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

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

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 5/26/2009

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1
1094792

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Hamilton County Environmental Services	Report To: Ron Henderson	Company Name: Langkell	Attention:	1289905	
Address: 1200 Wm H. Taft Rd	Copy To:	Address:			
Cincinnati, OH 45249	Purchase Order No.:				
Email To: ronald.henderson@hamilton-co.org	Project Name: 035091439				
Phone: 513-946-2757	Project Number: Addakston Air Monitor				
Requested Due Date/TAT: 10dex					

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Y/N	Requested Analysis Filtered (Y/N)			Temp In °C	Received on	Sealed Cooler (Y/N)	Samples Intact (Y/N)
				DATE	TIME						DATE	TIME	DATE				
1	0843050109	Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	AR C	5-1-09	00:00	G	5-1-09	23:59	Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ O ₃ Methanol Other	Y	Residual Chlorine (Y/N)						
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
10 of 19																	

Section E SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: CHRIS HARRISON	DATE Signed (MM/DD/YY): 05/08/09
SIGNATURE of SAMPLER: <i>[Signature]</i>	

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days. F-ALL-Q-020rev.07, 15-May-2007