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6 Filters and two blanks from air sampling at Crane Packaging, Stoney Creek, submitted by M. Tompkins, O.H.B., Hamilton. Samples received: April 2, 1982.	Report No.	A-8129
	Date	April 15, 1982
	Copies to	M. Budlovsky M. Tompkins

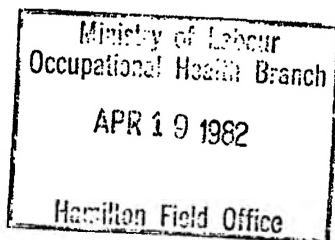
Digestion of each filter with acid was followed by evaporation to near dryness. After dissolving the residue in dilute acid, the solution was analyzed by the plasma emission spectrometric method. The results are as follows:

<u>no.</u>	<u>micrograms</u>	<u>lead</u> <u>micromoles</u>
Blk(1)	61	0.29
1	*	*
2	*	*
3	*	*
Blk(2)	*	*
4	*	*
5	1.2	0.006
6	*	*

*denotes level is below the detection limit which is 1 microgram or 0.005 micromole.

Analysis by D. Carroll & F. Lo
on April 7-13, 1982.

DA/js



S. Carroll
F. Lo
D. Arai
D. Arai, B.A.



RE: Analysis for n-butanol in samples collected at Crane Packaging, Stoney Creek, submitted by M. Tompkins, O.H.B., Hamilton.

Samples received: April 1, 1982.

Report No. A-8124

Date April 5, 1982

Copies to
M. Budlovsky
M. Tompkins

Ten air sampling tubes, including two blanks, were analyzed for n-butanol using a gas chromatographic procedure. The chromatograms of the samples showed an additional peak which was identified as 1,1,1-trichloroethane via gas chromatography/mass spectrometry. The results for these two analytes (front sections) are as follows:

tube no.	1,1,1-trichloroethane		n-butanol	
	milligrams	micromoles	milligrams	micromoles
1	1.20	9.0	0.05	0.7
1A	0.27	2.0	0.10	1.3
1B	0.15	1.1	0.05	0.7
**2	0.29	2.2	0.08	1.1
2A	0.17	1.3	0.26	3.5
2B	0.36	2.7	0.21	2.8
3	0.07	0.5	*	*
3A	*	*	*	*
blk(open)	*	*	*	*
blk(closed)	*	*	*	*

*less than 0.01 milligram or 0.1 micromole.

**identity confirmed by GC/mass spectrometry.

Note: None of the back-up sections showed the presence of n-butanol or 1,1,1-trichloroethane

Analysis by K. Jedrzejczak & L. Huang
on April 5, 1982.

K. Jedrzejczak
L. Huang
V. Gaind
V. Gaind, Ph.D.

VG/js

