

GeoEngineers
MEMORANDUM



TO: Mrs. Ruth Winchester
FROM: Lisa Bona
DATE: January 29, 1997
FILE: 0161-394-00
SUBJECT: Air Monitoring Results

Attached are the air monitoring results from the grab vapor sample that we obtained from the restroom of Bullet Graphics on January 24, 1997. 76 Products Company and GeoEngineers are working with Wally Moon of Ecology to interpret the data and come up with a plan for additional sampling, as necessary. Please call me at 861-6057 if you would like to discuss these data.

cc: Michelle Allen
City of Snohomish Health Dept.

fax 3 p.

339-5254

AIR TOXICS LTD.

SAMPLE NAME: 012497-V

ID#: 9701195-01A

EPA METHOD TO-14 GC/MS Full Scan



Compound	Det. Limit (ppbv)	Amount (ppbv)	PEL (ppb)
Freon 12	0.67	Not Detected	
Freon 114	0.67	Not Detected	
Chloromethane	0.67	Not Detected	
Vinyl Chloride	0.67	Not Detected	
Bromomethane	0.67	Not Detected	
Chloroethane	0.67	Not Detected	
Freon 11	0.67	Not Detected	
1,1-Dichloroethane	0.67	Not Detected	
Freon 113	0.67	Not Detected	
Methylene Chloride	0.67	Not Detected	
1,1-Dichloroethane	0.67	Not Detected	
cis-1,2-Dichloroethane	0.67	Not Detected	
Chloroform	0.67	1.8	2,000
1,1,1-Trichloroethane	0.67	Not Detected	
Carbon Tetrachloride	0.67	Not Detected	
Benzene	0.67	3.4	1,000
1,2-Dichloroethane	0.67	Not Detected	
Trichloroethane	0.67	Not Detected	
1,2-Dichloropropane	0.67	Not Detected	
cis-1,3-Dichloropropene	0.67	Not Detected	
Toluene	0.67	8.3	100,000
trans-1,3-Dichloropropane	0.67	Not Detected	
1,1,2-Trichloroethane	0.67	Not Detected	
Tetrachloroethane	0.67	Not Detected	
Ethylene Dibromide	0.67	Not Detected	
Chlorobenzene	0.67	Not Detected	
Ethyl Benzene	0.67	4.1	100,000
m,p-Xylene	0.67	7.8	100,000
o-Xylene	0.67	2.4	100,000
Styrene	0.67	Not Detected	
1,1,2,2-Tetrachloroethane	0.67	Not Detected	
1,3,5-Trimethylbenzene	0.67	12	25,000
1,2,4-Trimethylbenzene	0.67	16	25,000
1,3-Dichlorobenzene	0.67	Not Detected	
1,4-Dichlorobenzene	0.67	Not Detected	
Chlorotoluene	0.67	Not Detected	
1,2-Dichlorobenzene	0.67	Not Detected	
1,2,4-Trichlorobenzene	0.67	Not Detected	
Hexachlorobutadiene	0.67	Not Detected	

Post-It Fax Note

7871

Date	1/28	# of pages	2
To	Lisa Poma		
Co./Dept.	From Julie Wells		
Phone #	Co.		
Fax #	Phone #		
	Fax #		

AIR TOXICS LTD.

SAMPLE NAME: 012497-V

ID#: 9701195-01A

EPA METHOD TO-14 GC/MS Full Scan



Compound	Det. Limit (ppbv)	Amount (ppbv)	PEL (ppb)
Propylene	2.7	Not Detected	
1,3-Butadiene	2.7	Not Detected	
Acetone	2.7	12	750,000
Carbon Disulfide	2.7	Not Detected	
2-Propanol	2.7	5.9	200,000
trans-1,2-Dichloroethene	2.7	Not Detected	
Vinyl Acetate	2.7	Not Detected	
Chloroprene	2.7	Not Detected	
2-Butanone (Methyl Ethyl Ketone)	2.7	4.3	200,000
Hexane	2.7	55	50,000
Tetrahydrofuran	2.7	Not Detected	
Cyclohexane	2.7	98	300,000
1,4-Dioxane	2.7	Not Detected	
Bromodichloromethane	2.7	Not Detected	
4-Methyl-2-pentanone	2.7	Not Detected	
2-Hexanone	2.7	Not Detected	
Dibromochloromethane	2.7	Not Detected	
Bromoform	2.7	Not Detected	
4-Ethyltoluene	2.7	13	NA
Ethanol	2.7	310 E	1,000,000
Methyl tert-Butyl Ether	2.7	Not Detected	
Heptane	2.7	8.4	400,000

E = Exceeds instrument calibration range, but within linear range.

NA = not available

Container Type: 5 Liter Summa Canister

