TABLE 1B
ANALYTICAL RESULTS OF
17A RETURN GRAB SAMPLE CONTAINER AIR SAMPLES

CHEMICAL CONTAMINANT	CONCENTRATION (mg/m3)							
	AA04736 S/N 1106 Mid-SM 07/28/09 @16:40 GMT	AA04737 S/N 1035 Mid-LAB 07/28/09 @ 16:45 GMT	AA04738 S/N 1040 Mid-COLUMBUS 07/28/09 @ 16:50 GMT	AA04739 S/N 1042 LAB 08/03/09 @ 15:35 GMT	AA04740 S/N 1052 MPLM 09/01/09 @ 04:00 GMT	AA04741 S/N 1085 SM 09/03/09 @ 21:28 GMT	AA04742 S/N 1071 LAB 09/03/09 @ 21:32 GMT	AA04743 S/N 1076 JEM 09/03/09 @ 21:40 GMT
TARGET COMPOUNDS (TO-14/POLAR)* **								
FREON12	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
CHLOROMETHANE	TRACE	<0.025	TRACE	TRACE	TRACE	TRACE	<0.025	<0.025
FREON114	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
***METHANOL ** **	***0.70***	0.25	0.26	0.38	0.30	0.27	0.23	0.23
ACETALDEHYDE	0.82	0.052	0.079	0.11	0.11	0.23	0.060	0.061
VINYLCHLORIDE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
BROMOMETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
ETHANOL *	**1.9**	**1.9**	**1.6**	**2.0**	**1.3**	**3.1**	**1.9**	**1.9**
CHLOROETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
ACETONITRILE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE
PROPENAL	0.05	<0.025	<0.025	<0.025	<0.025	TRACE	<0.025	<0.025
ACETONE	0.43	0.24	0.27	0.33	0.85	0.34	0.25	0.26
PROPANAL	0.29	<0.025	TRACE	TRACE	0.039	0.061	<0.025	TRACE
ISOPROPANOL*	0.11	0.10	0.11	0.19	**6.7**	0.21	0.20	0.24
FREON11	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
FURAN	<0.025	<0.025	<0.025	TRACE	<0.025	<0.025	<0.025	<0.025
ACRYLONITRILE	TRACE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
PENTANE	TRACE	<0.025	TRACE	<0.025	0.036	<0.025	<0.025	<0.025
2-METHYL-2-PROPANOL	TRACE	<0.025	<0.025	<0.025	0.054	<0.025	<0.025	<0.025
METHYLACETATE	TRACE	<0.025	<0.025	TRACE	TRACE	<0.025	<0.025	<0.025
1,1-DICHLOROETHENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
DICHLOROMETHANE	TRACE	TRACE	TRACE	TRACE	0.094	TRACE	TRACE	TRACE
3-CHLOROPROPENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
FREON113	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
N-PROPANOL	0.064	0.053	0.061	0.058	0.034	0.043	0.041	0.045
1,1-DICHLOROETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
BUTANAL	0.17	<0.025	<0.025	TRACE	0.03	0.046	<0.025	TRACE
2-BUTANONE	0.15	TRACE	TRACE	0.026	0.41	0.047	TRACE	0.025
CIS-1,2-DICHLOROETHENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2-METHYLFURAN	TRACE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
ETHYLACETATE	0.028	0.025	TRACE	0.059	0.21	0.042	0.032	0.030
HEXANE	<0.025	<0.025	<0.025	<0.025	0.11	<0.025	<0.025	<0.025
CHLOROFORM	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2-BUTENAL	0.083	<0.025	<0.025	TRACE	0.026	0.032	<0.025	<0.025
1,2-DICHLOROETHANE	TRACE	TRACE	<0.025	TRACE	0.051	TRACE	<0.025	<0.025
1,1,1-TRICHLOROETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
N-BUTANOL	0.088	0.059	0.056	0.11	0.20	0.075	0.048	0.057
BENZENE	TRACE	<0.025	<0.025	<0.025	TRACE	<0.025	<0.025	<0.025
CARBONTETRACHLORIDE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2-PENTANONE	0.095	<0.025	<0.025	<0.025	<0.025	TRACE	<0.025	<0.025
2-METHYLHEXANE	<0.025	<0.025	<0.025	TRACE	0.034	<0.025	<0.025	<0.025
2,3-DIMETHYLPENTANE	<0.025	<0.025	<0.025	TRACE	0.036	<0.025	<0.025	<0.025
PENTANAL	0.12	<0.025	<0.025	TRACE	TRACE	0.042	<0.025	<0.025
3-METHYLHEXANE	TRACE	<0.025	<0.025	TRACE	0.054	<0.025	<0.025	<0.025
1,2-DICHLOROPROPANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,4-DIOXANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
TRICHLOROETHENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,5-DIMETHYLFURAN	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
N-HEPTANE	<0.025	<0.025	<0.025	<0.025	TRACE	<0.025	<0.025	<0.025
4-METHYL2-PENTANONE	<0.025	<0.025	<0.025	<0.025	0.035	<0.025	<0.025	<0.025
CIS-1,3-DICHLOROPROPENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2-PENTENAL	TRACE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
TRANS-1,3-DICHLOROPROPENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2-TRICHLOROETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
TOLUENE	TRACE	TRACE	TRACE	0.028	0.22	TRACE	TRACE	TRACE
HEXANAL	0.091	<0.025	<0.025	<0.025	<0.025	0.029	<0.025	<0.025
MESITYLOXIDE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-DIBROMOETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
BUTYLACETATE	<0.025	<0.025	<0.025	TRACE	0.030	<0.025	<0.025	<0.025
TETRACHLOROETHENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
CHLOROBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
ETHYLBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
M/P-XYLENES	<0.025	<0.025	<0.025	TRACE	TRACE	<0.025	<0.025	<0.025
2-HEPTANONE	TRACE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
CYCLOHEXANONE	0.044	TRACE	TRACE	0.036	0.44	0.042	0.038	0.062
HEPTANAL	0.068	<0.025	<0.025	<0.025	TRACE	0.026	<0.025	<0.025

STYRENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-TETRACHLOROETHANE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
O-XYLENE	TRACE	TRACE	<0.025	0.041	<0.025	0.028	TRACE	TRACE
1,3,5-TRIMETHYLBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-TRIMETHYLBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,3-DICHLOROBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,4-DICHLOROBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-DICHLOROBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-TRICHLOROBENZENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
HEXACHLORO-1,3-BUTADIENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

TARGET COMPOUNDS (TOXIC)								
1,3-BUTADIENE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
ETHYLENE OXIDE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
CARBON DISULFIDE	TRACE	<0.025	<0.025	TRACE	0.037	TRACE	TRACE	TRACE
2-METHYL-2-PROPENAL	TRACE	<0.025	<0.025	<0.025	TRACE	<0.025	<0.025	<0.025
3-BUTEN-2-ONE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2-ETHOXYETHANOL	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
DIMETHYLDISULFIDE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
OCTAMETHYLCYCLOTETRASILOXANE	##	##	##	##	##	##	##	##

NON-TARGET COMPOUNDS								
OCTAFLUOROPROPANE++	170	150	160	170	30	190	180	170
SULFURHEXAFLUORIDE	0.035	0.030	0.033	0.038	<0.025	0.029	0.031	0.028
1,1,1,2-TETRAFLUOROETHANE	0.075	0.077	0.074	0.12	3.0	0.33	0.29	0.29
BROMOTRIFLUOROMETHANE+	0.54	0.47	0.53	0.16	<0.025	0.18	0.18	0.14
CHLORODIFLUOROMETHANE	<0.025	<0.025	<0.025	<0.025	0.092	<0.025	<0.025	<0.025
CARBONYLSULFIDE	TRACE	<0.025	TRACE	TRACE	0.084	TRACE	TRACE	TRACE
FLUOROTRIMETHYLSILANE	<0.025	TRACE	<0.025	TRACE	0.18	<0.025	<0.025	<0.025
1,1-DICHLORO-1-FLUOROETHANE	<0.025	<0.025	<0.025	<0.025	0.18	<0.025	<0.025	<0.025
ISOPRENE	0.092	0.081	0.080	0.11	TRACE	0.072	0.053	0.055
TRIMETHYLSILANOL	0.11	0.15	0.15	0.31	4.2	0.17	0.14	0.21
C8-ALKANE	<0.025	<0.025	<0.025	<0.025	0.069	<0.025	<0.025	<0.025
HEXAMETHYLCYCLOTRISILOXANE	##	##	##	##	##	##	##	##
ACETICACID,2-METHOXYPROPYLESTER	<0.025	<0.025	<0.025	<0.025	0.13	<0.025	<0.025	<0.025
BENZALDEHYDE	0.055	<0.025	<0.025	TRACE	TRACE	0.079	<0.025	<0.025
C8-ALDEHYDE	TRACE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
DECAMETHYLCYCLOPENTASILOXANE	##	##	##	##	##	##	##	##

TOTAL ALCOHOLS PLUS ACETONE	**3.3**	**2.6**	**2.3**	**3.1**	**9.4**	**4.0**	**2.7**	**2.7**

TARGET COMPOUNDS (GC)* **								
CARBON MONOXIDE	3.1	2.8	2.9	3.0	3.6	3.7	3.5	3.4
METHANE	18	18	18	19	TRACE	20	20	20
HYDROGEN	3.8	3.8	3.9	3.1	< 0.41	4.4	4.3	4.6
CARBON DIOXIDE	8700	8300	9400	8700	1600	8400	7500	8700

TOTAL CONCENTRATION (NON-METHANE HYDROCARBONS)	**180**	**150**	**160**	**170**	**50**	**200**	**180**	**170**

TOTAL CONCENTRATION - OFP (NON-METHANE HYDROCARBONS)	**6.4**	**3.6**	**3.4**	**4.3**	**20**	**5.6**	**3.6**	**3.7**

*** FROM GC/FID RESULTS**

*****FROM GC RESULTS; MeOH Conc.=GC MeOH Conc.-(2* GC/MS ACETALDEHYDE Conc.)***

+ CORRECTED FOR MASS 69

++ Measurements are calibrated by single-point calibration.

Present, subject to large, random variability, therefore not quantifiable

< : Value is less than the laboratory report detection limit.

TRACE: Amount detected is sufficient for compound identification only.

*** Measurements are calibrated by multi-point initial calibration and verified by mid-point continuing calibration.