



ANNEX D8

AMBIENT VOCs, AMMONIA AND H₂S
MONITORING RESULTS

TABLE D8.1 AMBIENT VOCS, AMMONIA AND H₂S MONITORING RESULTS

Parameters	Limit Level	Monitoring Results ($\mu\text{g m}^{-3}$)			
		AM1	AM2	AM3	AM4
Ammonia	180	14	12	11	11
H ₂ S	42	<15	<15	<15	<15
Methane	NA ^(a)	0.00018	0.00019	0.00019	0.00019
1.1.1-Trichloroethane	5,550	1.4	1.6	1.8	2.1
1.2-Dibromoethane (EDB)	39	<0.3	<0.3	<0.3	<0.3
1.2-Dichloroethane	210	10.7	12.6	17	20
Benzene	33	8.9	9.9	9.9	17.3
Butan-2-ol	667	<0.2	<0.2	<0.2	<0.2
Butanethiol	4	1.2	<0.5	0.6	0.9
Carbon Disulphide	150	7.5	11.7	9.5	11.2
Carbon Tetrachloride	64	0.8	0.9	<0.8	1.2
Chloroform	99	<0.7	<0.7	<0.7	<0.7
Decanes	3,608	<0.6	<0.6	<0.6	<0.6
Dichlorobenzene	120	<0.8	<0.8	<0.8	<0.8
Dichlorodifluoro-methane	NA ^(a)	1.5	1.6	1.6	1.9
Dimethylsulphide	8	1.1	1.2	1	1.5
Dipropyl ether	NA ^(a)	0.7	0.7	0.7	0.8
Limonene	212	<0.8	<0.8	<0.8	<0.8
Ethanethiol	13	<0.8	<0.8	<0.8	<0.8
Ethanol	19,200	<1.1	<1.1	<1.1	<1.1
Ethyl butanoate	71	<0.8	<0.8	<0.8	<0.8
Ethyl propionate	29	<0.8	<0.8	<0.8	<0.8
Ethyl benzene	738	<0.4	<0.4	<0.4	<0.4
Heptane	2,746	4.1	7.1	3.7	4.7

Parameters	Limit Level	Monitoring Results ($\mu\text{g m}^{-3}$)			
		AM1	AM2	AM3	AM4
Methanethiol	10	<1.0	<1.0	<1.0	<1.0
Methanol	2,660	<0.8	<0.8	<0.8	<0.8
Methyl butanoate	30	<0.9	<0.9	<0.9	<0.9
Methyl propionate	353	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	3,530	<1.0	<1.0	<1.0	<1.0
Butyl acetate	76	1.3	1.7	<1.0	1.3
Butyl benzene	47	<0.7	1	0.7	1
Nonane	11,540	0.9	2.4	1.2	1.4
Propyl benzene	19	<0.9	<0.9	<0.9	<0.9
Octane	7,942	<0.6	<0.6	<0.6	<0.6
Propyl propionate	276	<0.7	<0.7	<0.7	<0.7
Terpenes	NA ^(a)	1.4	2.2	0.6	0.7
Tetrachloroethylene	1,380	<1.0	<1.0	<1.0	<1.0
Toluene	1,244	<1.2	<1.2	<1.2	<1.2
Trichloroethylene	5,500	<1.2	<1.2	<1.2	<1.2
Undecane	5,562	<0.8	<0.8	<0.8	<0.8
Vinyl Chloride	26	2.6	5.8	3.8	3.9
Xylenes	534	<1.0	<1.0	<1.0	<1.0

Notes:

(a) No relevant WHO/USEPA/CARB's ambient criteria, odour thresholds and WEL available.