Appendix 13.07 Predicted Incremental Annual/Hourly Average Concentration Levels of TAPs at Human Receptors due to CSTW

Appendix 13.07a Summary of Max. Incremental Annual and Hourly Average Concentration of TAPs at HRs due to CSTW

Item	Toxic Air Pollutants	Estimated Total Emission Rate (ug/s)	Estimated Total Emission Rate (g/s)	DO Removal Efficiency (%)	Emission Rate for Calculation (g/s)	Max. Incremental Annual Average Concentration at HR due to CSTW (µg/m^3) (a)	RfC for Chronic Risk (µg/m^3) (b)	Max. Incremental Change as Compared to RfC for Chronic Risk (%) (c = a/b)	Max. Incremental Hourly Average Concentration at HR due to CSTW (µg/m^3) (d)	RfC for Acute Risk (µg/m^3) (e)	Max. Incremental Hourly Change as Compared to RfC for Acute Risk (%) (f = d/e)
1	Sulphur dioxide	13,735	1.4E-02	0%	1.4E-02	1.7E-03	-	-	3.3E-01	20	1.6628%
2	Nitrogen dioxide	217,833	2.2E-01	0%	2.2E-01	2.7E-02	40	0.0684%	5.3E+00	200	2.6371%
4	Hydrogen sulphide	333,978	7.3E-01	99.5%	3.7E-03	4.6E-04	2	0.0230%	8.9E-02	150	0.0591%
5	Ammonia	1,472	1.5E-03	0%	1.5E-03	1.9E-04	70	0.0003%	3.6E-02	1190	0.0030%
12	Carbon Disulphide	164	1.6E-04	50%	8.2E-05	1.0E-05	700	0.0000%	2.0E-03	100	0.0020%
15	Chloroform	1,948	1.9E-03	50%	9.7E-04	1.2E-04	98	0.0001%	2.4E-02	488	0.0048%
18	Methanol	3,575	3.6E-03	50%	1.8E-03	2.2E-04	20000	0.0000%	4.3E-02	28000	0.0002%
21	Methylene Chloride	442	4.4E-04	50%	2.2E-04	2.8E-05	600	0.0000%	5.4E-03	3000	0.0002%
24	Tetrachloroethylene (Perchloroethylene)	8,216	8.2E-03	50%	4.1E-03	5.2E-04	250	0.0002%	9.9E-02	41	0.2426%
25	Toluene	254	2.5E-04	50%	1.3E-04	1.6E-05	3766	0.0000%	3.1E-03	7533	0.0000%
28	Trichloroethylene	411	4.1E-04	50%	2.1E-04	2.6E-05	2	0.0013%	5.0E-03	-	-
29	Xylenes	475	4.8E-04	50%	2.4E-04	3.0E-05	870	0.0000%	5.8E-03	8679	0.0001%
33	Ethylbenzene	189	1.9E-04	50%	9.5E-05	1.2E-05	22000	0.0000%	2.3E-03	21699	0.0000%
41	Naphthalene	26	2.6E-05	50%	1.3E-05	1.6E-06	10	0.0000%	3.1E-04	-	-

Parameters of Gas through Ventilation Shaft:

Gas exit velocity (m/s) = 15.0
Stack diameter (m) = 4.8
Stack flow rate (m3/s) = 277.1

Appendix 13.07b Predicted Incremental Annual Average Concentration Levels of TAPs at Human Receptors due to CSTW

Predicted Incremental Dispersion Factors at Different Heights due to CSTW (Height in mAG) from Odour Dispersion Model

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.39E-02	1.39E-02	1.40E-02	1.44E-02	1.51E-02	1.61E-02	1.74E-02	1.90E-02	2.10E-02	2.35E-02				
HR1a	1.45E-02	1.46E-02	1.47E-02	1.54E-02	1.64E-02	1.80E-02	2.01E-02	2.28E-02	2.61E-02	2.99E-02				
HR1b	1.19E-02	1.19E-02	1.20E-02	1.23E-02	1.27E-02	1.34E-02	1.43E-02	1.54E-02	1.68E-02					
HR1c	1.48E-02	1.48E-02	1.49E-02	1.55E-02	1.64E-02	1.77E-02	1.94E-02	2.17E-02	2.44E-02					
HR2	1.49E-02	1.49E-02	1.51E-02	1.57E-02										
HR3	1.22E-02	1.22E-02	1.23E-02	1.25E-02	1.29E-02									
HR4	1.15E-02	1.15E-02	1.15E-02	1.18E-02	1.21E-02									
HR5	1.42E-02	1.43E-02	1.43E-02											
HR6	8.71E-03	8.72E-03	8.75E-03	8.89E-03	9.13E-03	9.48E-03	9.94E-03	1.05E-02	1.13E-02	1.21E-02	1.32E-02	1.44E-02	1.58E-02	1.74E-02
HR7	8.47E-03	8.47E-03	8.51E-03	8.64E-03	8.86E-03									
HR8	4.83E-03	4.84E-03	4.88E-03											
HR9	3.48E-03	3.49E-03	3.52E-03											
HR10	7.19E-03	7.26E-03	7.51E-03	8.51E-03	1.03E-02									
HR11	6.25E-03	6.30E-03	6.48E-03	7.19E-03										
HR12	1.28E-03	1.41E-03	1.87E-03	4.14E-03										
HR13	7.10E-04	7.60E-04	9.20E-04	1.67E-03										
HR14	2.46E-03	2.47E-03	2.50E-03											
HR15	7.56E-03													
HR16	8.76E-03	8.77E-03	8.80E-03	8.92E-03	9.12E-03	9.42E-03	9.81E-03	1.03E-02	1.09E-02	1.17E-02	1.26E-02	1.36E-02	1.48E-02	1.61E-02
HR17	1.07E-02	1.07E-02	1.07E-02	1.08E-02	1.09E-02	1.12E-02	1.14E-02	1.18E-02	1.23E-02	1.28E-02	1.35E-02			
HR18	1.04E-02	1.04E-02	1.04E-02	1.05E-02	1.06E-02	1.08E-02	1.11E-02	1.14E-02	1.18E-02	1.22E-02	1.28E-02	1.35E-02		
HR19	5.61E-03	5.62E-03	5.63E-03	5.69E-03										
HR20	4.22E-03	4.23E-03	4.27E-03											
HR21	4.52E-03	4.52E-03	4.53E-03											
HR22	7.77E-03	7.77E-03	7.80E-03	7.89E-03	8.05E-03	8.28E-03	8.58E-03							
HR23	9.72E-03	9.76E-03	9.89E-03	1.04E-02	1.14E-02	1.27E-02	1.46E-02	1.71E-02	2.02E-02					
HR24	7.25E-03	7.25E-03	7.27E-03											
HR25	1.39E-02	1.39E-02	1.40E-02	1.42E-02	1.46E-02	1.52E-02	1.60E-02	1.69E-02	1.80E-02	1.93E-02	2.08E-02	2.24E-02	2.43E-02	2.41E-02
HR26	3.29E-03	3.31E-03	3.36E-03	3.58E-03	3.96E-03	4.52E-03								
HR27	1.50E-02	1.51E-02	1.52E-02	1.56E-02	1.62E-02	1.72E-02	1.85E-02	2.01E-02	2.21E-02	2.45E-02				
HR28	8.52E-03	8.57E-03	8.71E-03	9.30E-03	1.03E-02	1.19E-02	1.40E-02							
HR29	7.59E-03	7.62E-03	7.72E-03	8.15E-03	8.89E-03	9.97E-03	1.14E-02							
HR30	2.80E-02	2.81E-02	2.85E-02	2.97E-02	3.19E-02	3.51E-02	3.94E-02	4.51E-02	5.22E-02	6.12E-02	7.23E-02	8.62E-02	1.04E-01	1.26E-01
HR31	3.92E-03	3.93E-03	3.95E-03	4.05E-03	4.21E-03	4.45E-03	4.78E-03	5.22E-03	5.76E-03	6.42E-03	7.18E-03	8.03E-03	8.97E-03	9.99E-03

Predicted Incremental Annual Average Concentration Level of H2S in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	5.1E-05	5.1E-05	5.1E-05	5.3E-05	5.5E-05	5.9E-05	6.4E-05	7.0E-05	7.7E-05	8.6E-05				
HR1a	5.3E-05	5.3E-05	5.4E-05	5.6E-05	6.0E-05	6.6E-05	7.4E-05	8.3E-05	9.5E-05	1.1E-04				
HR1b	4.4E-05	4.4E-05	4.4E-05	4.5E-05	4.7E-05	4.9E-05	5.2E-05	5.6E-05	6.1E-05					
HR1c	5.4E-05	5.4E-05	5.5E-05	5.7E-05	6.0E-05	6.5E-05	7.1E-05	7.9E-05	8.9E-05					
HR2	5.4E-05	5.5E-05	5.5E-05	5.7E-05										
HR3	4.5E-05	4.5E-05	4.5E-05	4.6E-05	4.7E-05									
HR4	4.2E-05	4.2E-05	4.2E-05	4.3E-05	4.4E-05									
HR5	5.2E-05	5.2E-05	5.2E-05											
HR6	3.2E-05	3.2E-05	3.2E-05	3.3E-05	3.3E-05	3.5E-05	3.6E-05	3.9E-05	4.1E-05	4.4E-05	4.8E-05	5.3E-05	5.8E-05	6.4E-05
HR7	3.1E-05	3.1E-05	3.1E-05	3.2E-05	3.2E-05									
HR8	1.8E-05	1.8E-05	1.8E-05											
HR9	1.3E-05	1.3E-05	1.3E-05											
HR10	2.6E-05	2.7E-05	2.7E-05	3.1E-05	3.8E-05									
HR11	2.3E-05	2.3E-05	2.4E-05	2.6E-05										
HR12	4.7E-06	5.2E-06	6.8E-06	1.5E-05										
HR13	2.6E-06	2.8E-06	3.4E-06	6.1E-06										
HR14	9.0E-06	9.0E-06	9.1E-06											
HR15	2.8E-05													
HR16	3.2E-05	3.2E-05	3.2E-05	3.3E-05	3.3E-05	3.4E-05	3.6E-05	3.8E-05	4.0E-05	4.3E-05	4.6E-05	5.0E-05	5.4E-05	5.9E-05
HR17	3.9E-05	3.9E-05	3.9E-05	3.9E-05	4.0E-05	4.1E-05	4.2E-05	4.3E-05	4.5E-05	4.7E-05	4.9E-05			
HR18	3.8E-05	3.8E-05	3.8E-05	3.8E-05	3.9E-05	4.0E-05	4.1E-05	4.2E-05	4.3E-05	4.5E-05	4.7E-05	4.9E-05		
HR19	2.1E-05	2.1E-05	2.1E-05	2.1E-05										
HR20	1.5E-05	1.5E-05	1.6E-05											
HR21	1.7E-05	1.7E-05	1.7E-05											
HR22	2.8E-05	2.8E-05	2.9E-05	2.9E-05	2.9E-05	3.0E-05	3.1E-05							
HR23	3.6E-05	3.6E-05	3.6E-05	3.8E-05	4.2E-05	4.7E-05	5.3E-05	6.3E-05	7.4E-05					
HR24	2.7E-05	2.7E-05	2.7E-05											
HR25	5.1E-05	5.1E-05	5.1E-05	5.2E-05	5.4E-05	5.6E-05	5.8E-05	6.2E-05	6.6E-05	7.1E-05	7.6E-05	8.2E-05	8.9E-05	8.8E-05
HR26	1.2E-05	1.2E-05	1.2E-05	1.3E-05	1.4E-05	1.7E-05								
HR27	5.5E-05	5.5E-05	5.5E-05	5.7E-05	5.9E-05	6.3E-05	6.8E-05	7.4E-05	8.1E-05	9.0E-05				
HR28	3.1E-05	3.1E-05	3.2E-05	3.4E-05	3.8E-05	4.3E-05	5.1E-05							
HR29	2.8E-05	2.8E-05	2.8E-05	3.0E-05	3.3E-05	3.6E-05	4.2E-05							
HR30	1.0E-04	1.0E-04	1.0E-04	1.1E-04	1.2E-04	1.3E-04	1.4E-04	1.6E-04	1.9E-04	2.2E-04	2.6E-04	3.2E-04	3.8E-04	4.6E-04
HR31	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.5E-05	1.6E-05	1.7E-05	1.9E-05	2.1E-05	2.3E-05	2.6E-05	2.9E-05	3.3E-05	3.7E-05

Predicted Incremental Annual Average Concentration Level of NH3 in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
HR1	2.0E-05	2.0E-05	2.1E-05	2.1E-05	2.2E-05	2.4E-05	2.6E-05	2.8E-05	3.1E-05	3.5E-05				
HR1a	2.1E-05	2.1E-05	2.2E-05	2.3E-05	2.4E-05	2.7E-05	3.0E-05	3.4E-05	3.8E-05	4.4E-05				
HR1b	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.9E-05	2.0E-05	2.1E-05	2.3E-05	2.5E-05					
HR1c	2.2E-05	2.2E-05	2.2E-05	2.3E-05	2.4E-05	2.6E-05	2.9E-05	3.2E-05	3.6E-05					
HR2	2.2E-05	2.2E-05	2.2E-05	2.3E-05										
HR3	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.9E-05									
HR4	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.8E-05									
HR5	2.1E-05	2.1E-05	2.1E-05											
HR6	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.4E-05	1.5E-05	1.6E-05	1.7E-05	1.8E-05	1.9E-05	2.1E-05	2.3E-05	2.6E-05
HR7	1.2E-05	1.2E-05	1.3E-05	1.3E-05	1.3E-05									
HR8	7.1E-06	7.1E-06	7.2E-06											
HR9	5.1E-06	5.1E-06	5.2E-06											
HR10	1.1E-05	1.1E-05	1.1E-05	1.3E-05	1.5E-05									
HR11	9.2E-06	9.3E-06	9.5E-06	1.1E-05										
HR12	1.9E-06	2.1E-06	2.8E-06	6.1E-06										
HR13	1.0E-06	1.1E-06	1.4E-06	2.5E-06										
HR14	3.6E-06	3.6E-06	3.7E-06											
HR15	1.1E-05													
HR16	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.4E-05	1.4E-05	1.5E-05	1.6E-05	1.7E-05	1.8E-05	2.0E-05	2.2E-05	2.4E-05
HR17	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.7E-05	1.7E-05	1.8E-05	1.9E-05	2.0E-05			
HR18	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.6E-05	1.6E-05	1.6E-05	1.7E-05	1.7E-05	1.8E-05	1.9E-05	2.0E-05		
HR19	8.3E-06	8.3E-06	8.3E-06	8.4E-06										
HR20	6.2E-06	6.2E-06	6.3E-06											
HR21	6.7E-06	6.7E-06	6.7E-06											
HR22	1.1E-05	1.1E-05	1.1E-05	1.2E-05	1.2E-05	1.2E-05	1.3E-05							
HR23	1.4E-05	1.4E-05	1.5E-05	1.5E-05	1.7E-05	1.9E-05	2.2E-05	2.5E-05	3.0E-05					
HR24	1.1E-05	1.1E-05	1.1E-05											
HR25	2.0E-05	2.0E-05	2.1E-05	2.1E-05	2.2E-05	2.2E-05	2.4E-05	2.5E-05	2.7E-05	2.8E-05	3.1E-05	3.3E-05	3.6E-05	3.6E-05
HR26	4.8E-06	4.9E-06	4.9E-06	5.3E-06	5.8E-06	6.7E-06								
HR27	2.2E-05	2.2E-05	2.2E-05	2.3E-05	2.4E-05	2.5E-05	2.7E-05	3.0E-05	3.3E-05	3.6E-05				
HR28	1.3E-05	1.3E-05	1.3E-05	1.4E-05	1.5E-05	1.7E-05	2.1E-05							
HR29	1.1E-05	1.1E-05	1.1E-05	1.2E-05	1.3E-05	1.5E-05	1.7E-05							
HR30	4.1E-05	4.1E-05	4.2E-05	4.4E-05	4.7E-05	5.2E-05	5.8E-05	6.6E-05	7.7E-05	9.0E-05	1.1E-04	1.3E-04	1.5E-04	1.9E-04
HR31	5.8E-06	5.8E-06	5.8E-06	6.0E-06	6.2E-06	6.6E-06	7.0E-06	7.7E-06	8.5E-06	9.5E-06	1.1E-05	1.2E-05	1.3E-05	1.5E-05

Predicted Incremental Annual Average Concentration Level of SO2 in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.9E-04	1.9E-04	1.9E-04	2.0E-04	2.1E-04	2.2E-04	2.4E-04	2.6E-04	2.9E-04	3.2E-04				
HR1a	2.0E-04	2.0E-04	2.0E-04	2.1E-04	2.3E-04	2.5E-04	2.8E-04	3.1E-04	3.6E-04	4.1E-04				
HR1b	1.6E-04	1.6E-04	1.6E-04	1.7E-04	1.7E-04	1.8E-04	2.0E-04	2.1E-04	2.3E-04					
HR1c	2.0E-04	2.0E-04	2.1E-04	2.1E-04	2.2E-04	2.4E-04	2.7E-04	3.0E-04	3.3E-04					
HR2	2.0E-04	2.0E-04	2.1E-04	2.2E-04										
HR3	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.8E-04									
HR4	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.7E-04									
HR5	2.0E-04	2.0E-04	2.0E-04											
HR6	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.3E-04	1.4E-04	1.4E-04	1.5E-04	1.7E-04	1.8E-04	2.0E-04	2.2E-04	2.4E-04
HR7	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04									
HR8	6.6E-05	6.6E-05	6.7E-05											
HR9	4.8E-05	4.8E-05	4.8E-05											
HR10	9.9E-05	1.0E-04	1.0E-04	1.2E-04	1.4E-04									
HR11	8.6E-05	8.7E-05	8.9E-05	9.9E-05										
HR12	1.8E-05	1.9E-05	2.6E-05	5.7E-05										
HR13	9.8E-06	1.0E-05	1.3E-05	2.3E-05										
HR14	3.4E-05	3.4E-05	3.4E-05											
HR15	1.0E-04													
HR16	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.3E-04	1.3E-04	1.4E-04	1.5E-04	1.6E-04	1.7E-04	1.9E-04	2.0E-04	2.2E-04
HR17	1.5E-04	1.5E-04	1.5E-04	1.5E-04	1.5E-04	1.5E-04	1.6E-04	1.6E-04	1.7E-04	1.8E-04	1.9E-04			
HR18	1.4E-04	1.4E-04	1.4E-04	1.4E-04	1.5E-04	1.5E-04	1.5E-04	1.6E-04	1.6E-04	1.7E-04	1.8E-04	1.9E-04		
HR19	7.7E-05	7.7E-05	7.7E-05	7.8E-05										
HR20	5.8E-05	5.8E-05	5.9E-05											
HR21	6.2E-05	6.2E-05	6.2E-05											
HR22	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.2E-04							
HR23	1.3E-04	1.3E-04	1.4E-04	1.4E-04	1.6E-04	1.7E-04	2.0E-04	2.3E-04	2.8E-04					
HR24	1.0E-04	1.0E-04	1.0E-04											
HR25	1.9E-04	1.9E-04	1.9E-04	2.0E-04	2.0E-04	2.1E-04	2.2E-04	2.3E-04	2.5E-04	2.6E-04	2.9E-04	3.1E-04	3.3E-04	3.3E-04
HR26	4.5E-05	4.5E-05	4.6E-05	4.9E-05	5.4E-05	6.2E-05								
HR27	2.1E-04	2.1E-04	2.1E-04	2.1E-04	2.2E-04	2.4E-04	2.5E-04	2.8E-04	3.0E-04	3.4E-04				
HR28	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.4E-04	1.6E-04	1.9E-04							
HR29	1.0E-04	1.0E-04	1.1E-04	1.1E-04	1.2E-04	1.4E-04	1.6E-04							
HR30	3.9E-04	3.9E-04	3.9E-04	4.1E-04	4.4E-04	4.8E-04	5.4E-04	6.2E-04	7.2E-04	8.4E-04	9.9E-04	1.2E-03	1.4E-03	1.7E-03
HR31	5.4E-05	5.4E-05	5.4E-05	5.6E-05	5.8E-05	6.1E-05	6.6E-05	7.2E-05	7.9E-05	8.8E-05	9.9E-05	1.1E-04	1.2E-04	1.4E-04

Predicted Incremental Annual Average Concentration Level of NO2 in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	3.0E-03	3.0E-03	3.1E-03	3.1E-03	3.3E-03	3.5E-03	3.8E-03	4.1E-03	4.6E-03	5.1E-03				
HR1a	3.2E-03	3.2E-03	3.2E-03	3.3E-03	3.6E-03	3.9E-03	4.4E-03	5.0E-03	5.7E-03	6.5E-03				
HR1b	2.6E-03	2.6E-03	2.6E-03	2.7E-03	2.8E-03	2.9E-03	3.1E-03	3.4E-03	3.7E-03					
HR1c	3.2E-03	3.2E-03	3.3E-03	3.4E-03	3.6E-03	3.9E-03	4.2E-03	4.7E-03	5.3E-03					
HR2	3.2E-03	3.3E-03	3.3E-03	3.4E-03										
HR3	2.7E-03	2.7E-03	2.7E-03	2.7E-03	2.8E-03									
HR4	2.5E-03	2.5E-03	2.5E-03	2.6E-03	2.6E-03									
HR5	3.1E-03	3.1E-03	3.1E-03											
HR6	1.9E-03	1.9E-03	1.9E-03	1.9E-03	2.0E-03	2.1E-03	2.2E-03	2.3E-03	2.5E-03	2.6E-03	2.9E-03	3.1E-03	3.4E-03	3.8E-03
HR7	1.8E-03	1.8E-03	1.9E-03	1.9E-03	1.9E-03									
HR8	1.1E-03	1.1E-03	1.1E-03											
HR9	7.6E-04	7.6E-04	7.7E-04											
HR10	1.6E-03	1.6E-03	1.6E-03	1.9E-03	2.2E-03									
HR11	1.4E-03	1.4E-03	1.4E-03	1.6E-03										
HR12	2.8E-04	3.1E-04	4.1E-04	9.0E-04										
HR13	1.5E-04	1.7E-04	2.0E-04	3.6E-04										
HR14	5.4E-04	5.4E-04	5.4E-04											
HR15	1.6E-03													
HR16	1.9E-03	1.9E-03	1.9E-03	1.9E-03	2.0E-03	2.1E-03	2.1E-03	2.2E-03	2.4E-03	2.5E-03	2.7E-03	3.0E-03	3.2E-03	3.5E-03
HR17	2.3E-03	2.3E-03	2.3E-03	2.3E-03	2.4E-03	2.4E-03	2.5E-03	2.6E-03	2.7E-03	2.8E-03	2.9E-03			
HR18	2.3E-03	2.3E-03	2.3E-03	2.3E-03	2.3E-03	2.4E-03	2.4E-03	2.5E-03	2.6E-03	2.7E-03	2.8E-03	2.9E-03		
HR19	1.2E-03	1.2E-03	1.2E-03	1.2E-03										
HR20	9.2E-04	9.2E-04	9.3E-04											
HR21	9.8E-04	9.8E-04	9.9E-04											
HR22	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.8E-03	1.8E-03	1.9E-03							
HR23	2.1E-03	2.1E-03	2.2E-03	2.3E-03	2.5E-03	2.8E-03	3.2E-03	3.7E-03	4.4E-03					
HR24	1.6E-03	1.6E-03	1.6E-03											
HR25	3.0E-03	3.0E-03	3.0E-03	3.1E-03	3.2E-03	3.3E-03	3.5E-03	3.7E-03	3.9E-03	4.2E-03	4.5E-03	4.9E-03	5.3E-03	5.3E-03
HR26	7.2E-04	7.2E-04	7.3E-04	7.8E-04	8.6E-04	9.8E-04								
HR27	3.3E-03	3.3E-03	3.3E-03	3.4E-03	3.5E-03	3.7E-03	4.0E-03	4.4E-03	4.8E-03	5.3E-03				
HR28	1.9E-03	1.9E-03	1.9E-03	2.0E-03	2.3E-03	2.6E-03	3.1E-03							
HR29	1.7E-03	1.7E-03	1.7E-03	1.8E-03	1.9E-03	2.2E-03	2.5E-03							
HR30	6.1E-03	6.1E-03	6.2E-03	6.5E-03	7.0E-03	7.7E-03	8.6E-03	9.8E-03	1.1E-02	1.3E-02	1.6E-02	1.9E-02	2.3E-02	2.7E-02
HR31	8.5E-04	8.6E-04	8.6E-04	8.8E-04	9.2E-04	9.7E-04	1.0E-03	1.1E-03	1.3E-03	1.4E-03	1.6E-03	1.7E-03	2.0E-03	2.2E-03

Predicted Incremental Annual Average Concentration Level of Chloroform (CHCl3) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.6E-05	1.7E-05	1.9E-05	2.0E-05	2.3E-05				
HR1a	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.6E-05	1.8E-05	2.0E-05	2.2E-05	2.5E-05	2.9E-05				
HR1b	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.3E-05	1.4E-05	1.5E-05	1.6E-05					
HR1c	1.4E-05	1.4E-05	1.5E-05	1.5E-05	1.6E-05	1.7E-05	1.9E-05	2.1E-05	2.4E-05					
HR2	1.4E-05	1.5E-05	1.5E-05	1.5E-05										
HR3	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.3E-05									
HR4	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.2E-05									
HR5	1.4E-05	1.4E-05	1.4E-05											
HR6	8.5E-06	8.5E-06	8.5E-06	8.7E-06	8.9E-06	9.2E-06	9.7E-06	1.0E-05	1.1E-05	1.2E-05	1.3E-05	1.4E-05	1.5E-05	1.7E-05
HR7	8.2E-06	8.2E-06	8.3E-06	8.4E-06	8.6E-06									
HR8	4.7E-06	4.7E-06	4.8E-06											
HR9	3.4E-06	3.4E-06	3.4E-06											
HR10	7.0E-06	7.1E-06	7.3E-06	8.3E-06	1.0E-05									
HR11	6.1E-06	6.1E-06	6.3E-06	7.0E-06										
HR12	1.2E-06	1.4E-06	1.8E-06	4.0E-06										
HR13	6.9E-07	7.4E-07	9.0E-07	1.6E-06										
HR14	2.4E-06	2.4E-06	2.4E-06											
HR15	7.4E-06													
HR16	8.5E-06	8.5E-06	8.6E-06	8.7E-06	8.9E-06	9.2E-06	9.6E-06	1.0E-05	1.1E-05	1.1E-05	1.2E-05	1.3E-05	1.4E-05	1.6E-05
HR17	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.1E-05	1.1E-05	1.1E-05	1.2E-05	1.2E-05	1.2E-05	1.3E-05			
HR18	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.2E-05	1.2E-05	1.3E-05		
HR19	5.5E-06	5.5E-06	5.5E-06	5.5E-06										
HR20	4.1E-06	4.1E-06	4.2E-06											
HR21	4.4E-06	4.4E-06	4.4E-06											
HR22	7.6E-06	7.6E-06	7.6E-06	7.7E-06	7.8E-06	8.1E-06	8.4E-06							
HR23	9.5E-06	9.5E-06	9.6E-06	1.0E-05	1.1E-05	1.2E-05	1.4E-05	1.7E-05	2.0E-05					
HR24	7.1E-06	7.1E-06	7.1E-06											
HR25	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.6E-05	1.6E-05	1.8E-05	1.9E-05	2.0E-05	2.2E-05	2.4E-05	2.3E-05
HR26	3.2E-06	3.2E-06	3.3E-06	3.5E-06	3.9E-06	4.4E-06								
HR27	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.6E-05	1.7E-05	1.8E-05	2.0E-05	2.2E-05	2.4E-05				
HR28	8.3E-06	8.3E-06	8.5E-06	9.1E-06	1.0E-05	1.2E-05	1.4E-05							
HR29	7.4E-06	7.4E-06	7.5E-06	7.9E-06	8.7E-06	9.7E-06	1.1E-05							
HR30	2.7E-05	2.7E-05	2.8E-05	2.9E-05	3.1E-05	3.4E-05	3.8E-05	4.4E-05	5.1E-05	6.0E-05	7.0E-05	8.4E-05	1.0E-04	1.2E-04
HR31	3.8E-06	3.8E-06	3.8E-06	3.9E-06	4.1E-06	4.3E-06	4.7E-06	5.1E-06	5.6E-06	6.3E-06	7.0E-06	7.8E-06	8.7E-06	9.7E-06

Predicted Incremental Annual Average Concentration Level of Tetrachloroethylene (Perchloroethylene) (C2Cl4) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	5.7E-05	5.7E-05	5.8E-05	5.9E-05	6.2E-05	6.6E-05	7.1E-05	7.8E-05	8.6E-05	9.6E-05				
HR1a	6.0E-05	6.0E-05	6.1E-05	6.3E-05	6.7E-05	7.4E-05	8.3E-05	9.4E-05	1.1E-04	1.2E-04				
HR1b	4.9E-05	4.9E-05	4.9E-05	5.0E-05	5.2E-05	5.5E-05	5.9E-05	6.3E-05	6.9E-05					
HR1c	6.1E-05	6.1E-05	6.1E-05	6.4E-05	6.7E-05	7.3E-05	8.0E-05	8.9E-05	1.0E-04					
HR2	6.1E-05	6.1E-05	6.2E-05	6.4E-05										
HR3	5.0E-05	5.0E-05	5.0E-05	5.1E-05	5.3E-05									
HR4	4.7E-05	4.7E-05	4.7E-05	4.8E-05	5.0E-05									
HR5	5.8E-05	5.9E-05	5.9E-05											
HR6	3.6E-05	3.6E-05	3.6E-05	3.7E-05	3.8E-05	3.9E-05	4.1E-05	4.3E-05	4.6E-05	5.0E-05	5.4E-05	5.9E-05	6.5E-05	7.1E-05
HR7	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.6E-05									
HR8	2.0E-05	2.0E-05	2.0E-05											
HR9	1.4E-05	1.4E-05	1.4E-05											
HR10	3.0E-05	3.0E-05	3.1E-05	3.5E-05	4.2E-05									
HR11	2.6E-05	2.6E-05	2.7E-05	3.0E-05										
HR12	5.3E-06	5.8E-06	7.7E-06	1.7E-05										
HR13	2.9E-06	3.1E-06	3.8E-06	6.9E-06										
HR14	1.0E-05	1.0E-05	1.0E-05											
HR15	3.1E-05													
HR16	3.6E-05	3.6E-05	3.6E-05	3.7E-05	3.7E-05	3.9E-05	4.0E-05	4.2E-05	4.5E-05	4.8E-05	5.2E-05	5.6E-05	6.1E-05	6.6E-05
HR17	4.4E-05	4.4E-05	4.4E-05	4.4E-05	4.5E-05	4.6E-05	4.7E-05	4.9E-05	5.0E-05	5.3E-05	5.5E-05			
HR18	4.3E-05	4.3E-05	4.3E-05	4.3E-05	4.4E-05	4.4E-05	4.5E-05	4.7E-05	4.8E-05	5.0E-05	5.3E-05	5.5E-05		
HR19	2.3E-05	2.3E-05	2.3E-05	2.3E-05										
HR20	1.7E-05	1.7E-05	1.8E-05											
HR21	1.9E-05	1.9E-05	1.9E-05											
HR22	3.2E-05	3.2E-05	3.2E-05	3.2E-05	3.3E-05	3.4E-05	3.5E-05							
HR23	4.0E-05	4.0E-05	4.1E-05	4.3E-05	4.7E-05	5.2E-05	6.0E-05	7.0E-05	8.3E-05					
HR24	3.0E-05	3.0E-05	3.0E-05											
HR25	5.7E-05	5.7E-05	5.7E-05	5.8E-05	6.0E-05	6.3E-05	6.6E-05	7.0E-05	7.4E-05	7.9E-05	8.5E-05	9.2E-05	1.0E-04	9.9E-05
HR26	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.6E-05	1.9E-05								
HR27	6.2E-05	6.2E-05	6.2E-05	6.4E-05	6.7E-05	7.1E-05	7.6E-05	8.3E-05	9.1E-05	1.0E-04				
HR28	3.5E-05	3.5E-05	3.6E-05	3.8E-05	4.2E-05	4.9E-05	5.8E-05							
HR29	3.1E-05	3.1E-05	3.2E-05	3.3E-05	3.7E-05	4.1E-05	4.7E-05							
HR30	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.4E-04	1.6E-04	1.9E-04	2.1E-04	2.5E-04	3.0E-04	3.5E-04	4.3E-04	5.2E-04
HR31	1.6E-05	1.6E-05	1.6E-05	1.7E-05	1.7E-05	1.8E-05	2.0E-05	2.1E-05	2.4E-05	2.6E-05	2.9E-05	3.3E-05	3.7E-05	4.1E-05

Predicted Incremental Annual Average Concentration Level of Trichloroethylene (C2HCl3) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.9E-06	2.9E-06	2.9E-06	3.0E-06	3.1E-06	3.3E-06	3.6E-06	3.9E-06	4.3E-06	4.8E-06				
HR1a	3.0E-06	3.0E-06	3.0E-06	3.2E-06	3.4E-06	3.7E-06	4.1E-06	4.7E-06	5.4E-06	6.1E-06				
HR1b	2.4E-06	2.5E-06	2.5E-06	2.5E-06	2.6E-06	2.8E-06	2.9E-06	3.2E-06	3.4E-06					
HR1c	3.0E-06	3.0E-06	3.1E-06	3.2E-06	3.4E-06	3.6E-06	4.0E-06	4.4E-06	5.0E-06					
HR2	3.1E-06	3.1E-06	3.1E-06	3.2E-06										
HR3	2.5E-06	2.5E-06	2.5E-06	2.6E-06	2.7E-06									
HR4	2.4E-06	2.4E-06	2.4E-06	2.4E-06	2.5E-06									
HR5	2.9E-06	2.9E-06	2.9E-06											
HR6	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	1.9E-06	2.0E-06	2.2E-06	2.3E-06	2.5E-06	2.7E-06	3.0E-06	3.2E-06	3.6E-06
HR7	1.7E-06	1.7E-06	1.7E-06	1.8E-06	1.8E-06									
HR8	9.9E-07	9.9E-07	1.0E-06											
HR9	7.2E-07	7.2E-07	7.2E-07											
HR10	1.5E-06	1.5E-06	1.5E-06	1.7E-06	2.1E-06									
HR11	1.3E-06	1.3E-06	1.3E-06	1.5E-06										
HR12	2.6E-07	2.9E-07	3.8E-07	8.5E-07										
HR13	1.5E-07	1.6E-07	1.9E-07	3.4E-07										
HR14	5.1E-07	5.1E-07	5.1E-07											
HR15	1.6E-06													
HR16	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	1.9E-06	2.0E-06	2.1E-06	2.2E-06	2.4E-06	2.6E-06	2.8E-06	3.0E-06	3.3E-06
HR17	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.3E-06	2.4E-06	2.4E-06	2.5E-06	2.6E-06	2.8E-06			
HR18	2.1E-06	2.1E-06	2.1E-06	2.2E-06	2.2E-06	2.2E-06	2.3E-06	2.3E-06	2.4E-06	2.5E-06	2.6E-06	2.8E-06		
HR19	1.2E-06	1.2E-06	1.2E-06	1.2E-06										
HR20	8.7E-07	8.7E-07	8.8E-07											
HR21	9.3E-07	9.3E-07	9.3E-07											
HR22	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.7E-06	1.7E-06	1.8E-06							
HR23	2.0E-06	2.0E-06	2.0E-06	2.1E-06	2.3E-06	2.6E-06	3.0E-06	3.5E-06	4.1E-06					
HR24	1.5E-06	1.5E-06	1.5E-06											
HR25	2.9E-06	2.9E-06	2.9E-06	2.9E-06	3.0E-06	3.1E-06	3.3E-06	3.5E-06	3.7E-06	4.0E-06	4.3E-06	4.6E-06	5.0E-06	5.0E-06
HR26	6.8E-07	6.8E-07	6.9E-07	7.4E-07	8.1E-07	9.3E-07								
HR27	3.1E-06	3.1E-06	3.1E-06	3.2E-06	3.3E-06	3.5E-06	3.8E-06	4.1E-06	4.5E-06	5.0E-06				
HR28	1.8E-06	1.8E-06	1.8E-06	1.9E-06	2.1E-06	2.4E-06	2.9E-06							
HR29	1.6E-06	1.6E-06	1.6E-06	1.7E-06	1.8E-06	2.0E-06	2.4E-06							
HR30	5.8E-06	5.8E-06	5.8E-06	6.1E-06	6.6E-06	7.2E-06	8.1E-06	9.3E-06	1.1E-05	1.3E-05	1.5E-05	1.8E-05	2.1E-05	2.6E-05
HR31	8.1E-07	8.1E-07	8.1E-07	8.3E-07	8.7E-07	9.1E-07	9.8E-07	1.1E-06	1.2E-06	1.3E-06	1.5E-06	1.7E-06	1.8E-06	2.1E-06

Predicted Incremental Annual Average Concentration Level of Xylenes(C8H10) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	3.3E-06	3.3E-06	3.3E-06	3.4E-06	3.6E-06	3.8E-06	4.1E-06	4.5E-06	5.0E-06	5.6E-06				
HR1a	3.5E-06	3.5E-06	3.5E-06	3.6E-06	3.9E-06	4.3E-06	4.8E-06	5.4E-06	6.2E-06	7.1E-06				
HR1b	2.8E-06	2.8E-06	2.8E-06	2.9E-06	3.0E-06	3.2E-06	3.4E-06	3.7E-06	4.0E-06					
HR1c	3.5E-06	3.5E-06	3.5E-06	3.7E-06	3.9E-06	4.2E-06	4.6E-06	5.1E-06	5.8E-06					
HR2	3.5E-06	3.5E-06	3.6E-06	3.7E-06										
HR3	2.9E-06	2.9E-06	2.9E-06	3.0E-06	3.1E-06									
HR4	2.7E-06	2.7E-06	2.7E-06	2.8E-06	2.9E-06									
HR5	3.4E-06	3.4E-06	3.4E-06											
HR6	2.1E-06	2.1E-06	2.1E-06	2.1E-06	2.2E-06	2.3E-06	2.4E-06	2.5E-06	2.7E-06	2.9E-06	3.1E-06	3.4E-06	3.8E-06	4.1E-06
HR7	2.0E-06	2.0E-06	2.0E-06	2.1E-06	2.1E-06									
HR8	1.1E-06	1.1E-06	1.2E-06											
HR9	8.3E-07	8.3E-07	8.4E-07											
HR10	1.7E-06	1.7E-06	1.8E-06	2.0E-06	2.4E-06									
HR11	1.5E-06	1.5E-06	1.5E-06	1.7E-06										
HR12	3.0E-07	3.3E-07	4.4E-07	9.8E-07										
HR13	1.7E-07	1.8E-07	2.2E-07	4.0E-07										
HR14	5.8E-07	5.9E-07	5.9E-07											
HR15	1.8E-06													
HR16	2.1E-06	2.1E-06	2.1E-06	2.1E-06	2.2E-06	2.2E-06	2.3E-06	2.4E-06	2.6E-06	2.8E-06	3.0E-06	3.2E-06	3.5E-06	3.8E-06
HR17	2.5E-06	2.5E-06	2.5E-06	2.6E-06	2.6E-06	2.6E-06	2.7E-06	2.8E-06	2.9E-06	3.0E-06	3.2E-06			
HR18	2.5E-06	2.5E-06	2.5E-06	2.5E-06	2.5E-06	2.6E-06	2.6E-06	2.7E-06	2.8E-06	2.9E-06	3.0E-06	3.2E-06		
HR19	1.3E-06	1.3E-06	1.3E-06	1.4E-06										
HR20	1.0E-06	1.0E-06	1.0E-06											
HR21	1.1E-06	1.1E-06	1.1E-06											
HR22	1.8E-06	1.8E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	2.0E-06							
HR23	2.3E-06	2.3E-06	2.3E-06	2.5E-06	2.7E-06	3.0E-06	3.5E-06	4.1E-06	4.8E-06					
HR24	1.7E-06	1.7E-06	1.7E-06											
HR25	3.3E-06	3.3E-06	3.3E-06	3.4E-06	3.5E-06	3.6E-06	3.8E-06	4.0E-06	4.3E-06	4.6E-06	4.9E-06	5.3E-06	5.8E-06	5.7E-06
HR26	7.8E-07	7.9E-07	8.0E-07	8.5E-07	9.4E-07	1.1E-06								
HR27	3.6E-06	3.6E-06	3.6E-06	3.7E-06	3.9E-06	4.1E-06	4.4E-06	4.8E-06	5.3E-06	5.8E-06				
HR28	2.0E-06	2.0E-06	2.1E-06	2.2E-06	2.5E-06	2.8E-06	3.3E-06							
HR29	1.8E-06	1.8E-06	1.8E-06	1.9E-06	2.1E-06	2.4E-06	2.7E-06							
HR30	6.7E-06	6.7E-06	6.8E-06	7.1E-06	7.6E-06	8.3E-06	9.4E-06	1.1E-05	1.2E-05	1.5E-05	1.7E-05	2.0E-05	2.5E-05	3.0E-05
HR31	9.3E-07	9.3E-07	9.4E-07	9.6E-07	1.0E-06	1.1E-06	1.1E-06	1.2E-06	1.4E-06	1.5E-06	1.7E-06	1.9E-06	2.1E-06	2.4E-06

Predicted Incremental Annual Average Concentration Level of Naphthalene (C10H8) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.8E-07	1.8E-07	1.8E-07	1.9E-07	2.0E-07	2.1E-07	2.3E-07	2.5E-07	2.7E-07	3.1E-07				
HR1a	1.9E-07	1.9E-07	1.9E-07	2.0E-07	2.1E-07	2.3E-07	2.6E-07	3.0E-07	3.4E-07	3.9E-07				
HR1b	1.5E-07	1.6E-07	1.6E-07	1.6E-07	1.7E-07	1.7E-07	1.9E-07	2.0E-07	2.2E-07					
HR1c	1.9E-07	1.9E-07	1.9E-07	2.0E-07	2.1E-07	2.3E-07	2.5E-07	2.8E-07	3.2E-07					
HR2	1.9E-07	1.9E-07	2.0E-07	2.0E-07										
HR3	1.6E-07	1.6E-07	1.6E-07	1.6E-07	1.7E-07									
HR4	1.5E-07	1.5E-07	1.5E-07	1.5E-07	1.6E-07									
HR5	1.9E-07	1.9E-07	1.9E-07											
HR6	1.1E-07	1.1E-07	1.1E-07	1.2E-07	1.2E-07	1.2E-07	1.3E-07	1.4E-07	1.5E-07	1.6E-07	1.7E-07	1.9E-07	2.1E-07	2.3E-07
HR7	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.2E-07									
HR8	6.3E-08	6.3E-08	6.3E-08											
HR9	4.5E-08	4.5E-08	4.6E-08											
HR10	9.3E-08	9.4E-08	9.8E-08	1.1E-07	1.3E-07									
HR11	8.1E-08	8.2E-08	8.4E-08	9.3E-08										
HR12	1.7E-08	1.8E-08	2.4E-08	5.4E-08										
HR13	9.2E-09	9.9E-09	1.2E-08	2.2E-08										
HR14	3.2E-08	3.2E-08	3.3E-08											
HR15	9.8E-08													
HR16	1.1E-07	1.1E-07	1.1E-07	1.2E-07	1.2E-07	1.2E-07	1.3E-07	1.3E-07	1.4E-07	1.5E-07	1.6E-07	1.8E-07	1.9E-07	2.1E-07
HR17	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.5E-07	1.5E-07	1.6E-07	1.7E-07	1.8E-07			
HR18	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.4E-07	1.5E-07	1.5E-07	1.6E-07	1.7E-07	1.8E-07		
HR19	7.3E-08	7.3E-08	7.3E-08	7.4E-08										
HR20	5.5E-08	5.5E-08	5.6E-08											
HR21	5.9E-08	5.9E-08	5.9E-08											
HR22	1.0E-07	1.0E-07	1.0E-07	1.0E-07	1.0E-07	1.1E-07	1.1E-07							
HR23	1.3E-07	1.3E-07	1.3E-07	1.4E-07	1.5E-07	1.7E-07	1.9E-07	2.2E-07	2.6E-07					
HR24	9.4E-08	9.4E-08	9.5E-08											
HR25	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.9E-07	2.0E-07	2.1E-07	2.2E-07	2.3E-07	2.5E-07	2.7E-07	2.9E-07	3.2E-07	3.1E-07
HR26	4.3E-08	4.3E-08	4.4E-08	4.7E-08	5.1E-08	5.9E-08								
HR27	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.1E-07	2.2E-07	2.4E-07	2.6E-07	2.9E-07	3.2E-07				
HR28	1.1E-07	1.1E-07	1.1E-07	1.2E-07	1.3E-07	1.5E-07	1.8E-07							
HR29	9.9E-08	9.9E-08	1.0E-07	1.1E-07	1.2E-07	1.3E-07	1.5E-07							
HR30	3.6E-07	3.7E-07	3.7E-07	3.9E-07	4.2E-07	4.6E-07	5.1E-07	5.9E-07	6.8E-07	7.9E-07	9.4E-07	1.1E-06	1.3E-06	1.6E-06
HR31	5.1E-08	5.1E-08	5.1E-08	5.3E-08	5.5E-08	5.8E-08	6.2E-08	6.8E-08	7.5E-08	8.3E-08	9.3E-08	1.0E-07	1.2E-07	1.3E-07

Predicted Incremental Annual Average Concentration Level of Carbon Disulphide (CS2) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.3E-06	1.4E-06	1.6E-06	1.7E-06	1.9E-06				
HR1a	1.2E-06	1.2E-06	1.2E-06	1.3E-06	1.3E-06	1.5E-06	1.6E-06	1.9E-06	2.1E-06	2.5E-06				
HR1b	9.8E-07	9.8E-07	9.8E-07	1.0E-06	1.0E-06	1.1E-06	1.2E-06	1.3E-06	1.4E-06					
HR1c	1.2E-06	1.2E-06	1.2E-06	1.3E-06	1.3E-06	1.4E-06	1.6E-06	1.8E-06	2.0E-06					
HR2	1.2E-06	1.2E-06	1.2E-06	1.3E-06										
HR3	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.1E-06									
HR4	9.4E-07	9.4E-07	9.5E-07	9.6E-07	1.0E-06									
HR5	1.2E-06	1.2E-06	1.2E-06											
HR6	7.1E-07	7.2E-07	7.2E-07	7.3E-07	7.5E-07	7.8E-07	8.2E-07	8.6E-07	9.2E-07	1.0E-06	1.1E-06	1.2E-06	1.3E-06	1.4E-06
HR7	6.9E-07	6.9E-07	7.0E-07	7.1E-07	7.3E-07									
HR8	4.0E-07	4.0E-07	4.0E-07											
HR9	2.9E-07	2.9E-07	2.9E-07											
HR10	5.9E-07	6.0E-07	6.2E-07	7.0E-07	8.4E-07									
HR11	5.1E-07	5.2E-07	5.3E-07	5.9E-07										
HR12	1.0E-07	1.2E-07	1.5E-07	3.4E-07										
HR13	5.8E-08	6.2E-08	7.5E-08	1.4E-07										
HR14	2.0E-07	2.0E-07	2.1E-07											
HR15	6.2E-07													
HR16	7.2E-07	7.2E-07	7.2E-07	7.3E-07	7.5E-07	7.7E-07	8.0E-07	8.5E-07	9.0E-07	9.6E-07	1.0E-06	1.1E-06	1.2E-06	1.3E-06
HR17	8.7E-07	8.7E-07	8.8E-07	8.8E-07	9.0E-07	9.1E-07	9.4E-07	9.7E-07	1.0E-06	1.1E-06	1.1E-06			
HR18	8.5E-07	8.5E-07	8.6E-07	8.6E-07	8.7E-07	8.9E-07	9.1E-07	9.3E-07	9.6E-07	1.0E-06	1.0E-06	1.1E-06		
HR19	4.6E-07	4.6E-07	4.6E-07	4.7E-07										
HR20	3.5E-07	3.5E-07	3.5E-07											
HR21	3.7E-07	3.7E-07	3.7E-07											
HR22	6.4E-07	6.4E-07	6.4E-07	6.5E-07	6.6E-07	6.8E-07	7.0E-07							
HR23	8.0E-07	8.0E-07	8.1E-07	8.6E-07	9.3E-07	1.0E-06	1.2E-06	1.4E-06	1.7E-06					
HR24	5.9E-07	5.9E-07	6.0E-07											
HR25	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.2E-06	1.3E-06	1.4E-06	1.5E-06	1.6E-06	1.7E-06	1.8E-06	2.0E-06	2.0E-06
HR26	2.7E-07	2.7E-07	2.8E-07	2.9E-07	3.2E-07	3.7E-07								
HR27	1.2E-06	1.2E-06	1.2E-06	1.3E-06	1.3E-06	1.4E-06	1.5E-06	1.6E-06	1.8E-06	2.0E-06				
HR28	7.0E-07	7.0E-07	7.1E-07	7.6E-07	8.5E-07	9.7E-07	1.2E-06							
HR29	6.2E-07	6.2E-07	6.3E-07	6.7E-07	7.3E-07	8.2E-07	9.4E-07							
HR30	2.3E-06	2.3E-06	2.3E-06	2.4E-06	2.6E-06	2.9E-06	3.2E-06	3.7E-06	4.3E-06	5.0E-06	5.9E-06	7.1E-06	8.5E-06	1.0E-05
HR31	3.2E-07	3.2E-07	3.2E-07	3.3E-07	3.5E-07	3.6E-07	3.9E-07	4.3E-07	4.7E-07	5.3E-07	5.9E-07	6.6E-07	7.4E-07	8.2E-07

Predicted Incremental Annual Average Concentration Level of Ethylbenzene in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.3E-06	1.3E-06	1.3E-06	1.4E-06	1.4E-06	1.5E-06	1.6E-06	1.8E-06	2.0E-06	2.2E-06				
HR1a	1.4E-06	1.4E-06	1.4E-06	1.5E-06	1.6E-06	1.7E-06	1.9E-06	2.2E-06	2.5E-06	2.8E-06				
HR1b	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.3E-06	1.4E-06	1.5E-06	1.6E-06					
HR1c	1.4E-06	1.4E-06	1.4E-06	1.5E-06	1.5E-06	1.7E-06	1.8E-06	2.0E-06	2.3E-06					
HR2	1.4E-06	1.4E-06	1.4E-06	1.5E-06										
HR3	1.2E-06	1.2E-06	1.2E-06	1.2E-06	1.2E-06									
HR4	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06									
HR5	1.3E-06	1.3E-06	1.4E-06											
HR6	8.2E-07	8.2E-07	8.3E-07	8.4E-07	8.6E-07	9.0E-07	9.4E-07	1.0E-06	1.1E-06	1.1E-06	1.2E-06	1.4E-06	1.5E-06	1.6E-06
HR7	8.0E-07	8.0E-07	8.0E-07	8.2E-07	8.4E-07									
HR8	4.6E-07	4.6E-07	4.6E-07											
HR9	3.3E-07	3.3E-07	3.3E-07											
HR10	6.8E-07	6.9E-07	7.1E-07	8.0E-07	9.7E-07									
HR11	5.9E-07	6.0E-07	6.1E-07	6.8E-07										
HR12	1.2E-07	1.3E-07	1.8E-07	3.9E-07										
HR13	6.7E-08	7.2E-08	8.7E-08	1.6E-07										
HR14	2.3E-07	2.3E-07	2.4E-07											
HR15	7.1E-07													
HR16	8.3E-07	8.3E-07	8.3E-07	8.4E-07	8.6E-07	8.9E-07	9.3E-07	9.7E-07	1.0E-06	1.1E-06	1.2E-06	1.3E-06	1.4E-06	1.5E-06
HR17	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.3E-06			
HR18	9.8E-07	9.8E-07	9.9E-07	9.9E-07	1.0E-06	1.0E-06	1.0E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.3E-06		
HR19	5.3E-07	5.3E-07	5.3E-07	5.4E-07										
HR20	4.0E-07	4.0E-07	4.0E-07											
HR21	4.3E-07	4.3E-07	4.3E-07											
HR22	7.3E-07	7.3E-07	7.4E-07	7.5E-07	7.6E-07	7.8E-07	8.1E-07							
HR23	9.2E-07	9.2E-07	9.3E-07	9.9E-07	1.1E-06	1.2E-06	1.4E-06	1.6E-06	1.9E-06					
HR24	6.9E-07	6.9E-07	6.9E-07											
HR25	1.3E-06	1.3E-06	1.3E-06	1.3E-06	1.4E-06	1.4E-06	1.5E-06	1.6E-06	1.7E-06	1.8E-06	2.0E-06	2.1E-06	2.3E-06	2.3E-06
HR26	3.1E-07	3.1E-07	3.2E-07	3.4E-07	3.7E-07	4.3E-07								
HR27	1.4E-06	1.4E-06	1.4E-06	1.5E-06	1.5E-06	1.6E-06	1.7E-06	1.9E-06	2.1E-06	2.3E-06				
HR28	8.1E-07	8.1E-07	8.2E-07	8.8E-07	9.8E-07	1.1E-06	1.3E-06							
HR29	7.2E-07	7.2E-07	7.3E-07	7.7E-07	8.4E-07	9.4E-07	1.1E-06							
HR30	2.6E-06	2.7E-06	2.7E-06	2.8E-06	3.0E-06	3.3E-06	3.7E-06	4.3E-06	4.9E-06	5.8E-06	6.8E-06	8.1E-06	9.8E-06	1.2E-05
HR31	3.7E-07	3.7E-07	3.7E-07	3.8E-07	4.0E-07	4.2E-07	4.5E-07	4.9E-07	5.4E-07	6.1E-07	6.8E-07	7.6E-07	8.5E-07	9.4E-07

Predicted Incremental Annual Average Concentration Level of Methanol in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.5E-05	2.5E-05	2.5E-05	2.6E-05	2.7E-05	2.9E-05	3.1E-05	3.4E-05	3.8E-05	4.2E-05				
HR1a	2.6E-05	2.6E-05	2.6E-05	2.7E-05	2.9E-05	3.2E-05	3.6E-05	4.1E-05	4.7E-05	5.3E-05				
HR1b	2.1E-05	2.1E-05	2.1E-05	2.2E-05	2.3E-05	2.4E-05	2.6E-05	2.8E-05	3.0E-05					
HR1c	2.6E-05	2.6E-05	2.7E-05	2.8E-05	2.9E-05	3.2E-05	3.5E-05	3.9E-05	4.4E-05					
HR2	2.7E-05	2.7E-05	2.7E-05	2.8E-05										
HR3	2.2E-05	2.2E-05	2.2E-05	2.2E-05	2.3E-05									
HR4	2.0E-05	2.1E-05	2.1E-05	2.1E-05	2.2E-05									
HR5	2.5E-05	2.5E-05	2.6E-05											
HR6	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.7E-05	1.8E-05	1.9E-05	2.0E-05	2.2E-05	2.4E-05	2.6E-05	2.8E-05	3.1E-05
HR7	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.6E-05									
HR8	8.6E-06	8.7E-06	8.7E-06											
HR9	6.2E-06	6.2E-06	6.3E-06											
HR10	1.3E-05	1.3E-05	1.3E-05	1.5E-05	1.8E-05									
HR11	1.1E-05	1.1E-05	1.2E-05	1.3E-05										
HR12	2.3E-06	2.5E-06	3.3E-06	7.4E-06										
HR13	1.3E-06	1.4E-06	1.6E-06	3.0E-06										
HR14	4.4E-06	4.4E-06	4.5E-06											
HR15	1.4E-05													
HR16	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.7E-05	1.8E-05	1.8E-05	2.0E-05	2.1E-05	2.2E-05	2.4E-05	2.6E-05	2.9E-05
HR17	1.9E-05	1.9E-05	1.9E-05	1.9E-05	2.0E-05	2.0E-05	2.0E-05	2.1E-05	2.2E-05	2.3E-05	2.4E-05			
HR18	1.9E-05	1.9E-05	1.9E-05	1.9E-05	1.9E-05	1.9E-05	2.0E-05	2.0E-05	2.1E-05	2.2E-05	2.3E-05	2.4E-05		
HR19	1.0E-05	1.0E-05	1.0E-05	1.0E-05										
HR20	7.5E-06	7.6E-06	7.6E-06											
HR21	8.1E-06	8.1E-06	8.1E-06											
HR22	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.5E-05							
HR23	1.7E-05	1.7E-05	1.8E-05	1.9E-05	2.0E-05	2.3E-05	2.6E-05	3.1E-05	3.6E-05					
HR24	1.3E-05	1.3E-05	1.3E-05											
HR25	2.5E-05	2.5E-05	2.5E-05	2.5E-05	2.6E-05	2.7E-05	2.9E-05	3.0E-05	3.2E-05	3.4E-05	3.7E-05	4.0E-05	4.3E-05	4.3E-05
HR26	5.9E-06	5.9E-06	6.0E-06	6.4E-06	7.1E-06	8.1E-06								
HR27	2.7E-05	2.7E-05	2.7E-05	2.8E-05	2.9E-05	3.1E-05	3.3E-05	3.6E-05	4.0E-05	4.4E-05				
HR28	1.5E-05	1.5E-05	1.6E-05	1.7E-05	1.8E-05	2.1E-05	2.5E-05							
HR29	1.4E-05	1.4E-05	1.4E-05	1.5E-05	1.6E-05	1.8E-05	2.0E-05							
HR30	5.0E-05	5.0E-05	5.1E-05	5.3E-05	5.7E-05	6.3E-05	7.0E-05	8.1E-05	9.3E-05	1.1E-04	1.3E-04	1.5E-04	1.9E-04	2.2E-04
HR31	7.0E-06	7.0E-06	7.1E-06	7.2E-06	7.5E-06	8.0E-06	8.5E-06	9.3E-06	1.0E-05	1.1E-05	1.3E-05	1.4E-05	1.6E-05	1.8E-05

Predicted Incremental Annual Average Concentration Level of Methylene Chloride in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	3.1E-06	3.1E-06	3.1E-06	3.2E-06	3.3E-06	3.5E-06	3.8E-06	4.2E-06	4.6E-06	5.2E-06				
HR1a	3.2E-06	3.2E-06	3.3E-06	3.4E-06	3.6E-06	4.0E-06	4.4E-06	5.0E-06	5.8E-06	6.6E-06				
HR1b	2.6E-06	2.6E-06	2.6E-06	2.7E-06	2.8E-06	3.0E-06	3.2E-06	3.4E-06	3.7E-06					
HR1c	3.3E-06	3.3E-06	3.3E-06	3.4E-06	3.6E-06	3.9E-06	4.3E-06	4.8E-06	5.4E-06					
HR2	3.3E-06	3.3E-06	3.3E-06	3.5E-06										
HR3	2.7E-06	2.7E-06	2.7E-06	2.8E-06	2.9E-06									
HR4	2.5E-06	2.5E-06	2.5E-06	2.6E-06	2.7E-06									
HR5	3.1E-06	3.2E-06	3.2E-06											
HR6	1.9E-06	1.9E-06	1.9E-06	2.0E-06	2.0E-06	2.1E-06	2.2E-06	2.3E-06	2.5E-06	2.7E-06	2.9E-06	3.2E-06	3.5E-06	3.8E-06
HR7	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06									
HR8	1.1E-06	1.1E-06	1.1E-06											
HR9	7.7E-07	7.7E-07	7.8E-07											
HR10	1.6E-06	1.6E-06	1.7E-06	1.9E-06	2.3E-06									
HR11	1.4E-06	1.4E-06	1.4E-06	1.6E-06										
HR12	2.8E-07	3.1E-07	4.1E-07	9.1E-07										
HR13	1.6E-07	1.7E-07	2.0E-07	3.7E-07										
HR14	5.4E-07	5.5E-07	5.5E-07											
HR15	1.7E-06													
HR16	1.9E-06	1.9E-06	1.9E-06	2.0E-06	2.0E-06	2.1E-06	2.2E-06	2.3E-06	2.4E-06	2.6E-06	2.8E-06	3.0E-06	3.3E-06	3.6E-06
HR17	2.4E-06	2.4E-06	2.4E-06	2.4E-06	2.4E-06	2.5E-06	2.5E-06	2.6E-06	2.7E-06	2.8E-06	3.0E-06			
HR18	2.3E-06	2.3E-06	2.3E-06	2.3E-06	2.4E-06	2.4E-06	2.4E-06	2.5E-06	2.6E-06	2.7E-06	2.8E-06	3.0E-06		
HR19	1.2E-06	1.2E-06	1.2E-06	1.3E-06										
HR20	9.3E-07	9.3E-07	9.4E-07											
HR21	1.0E-06	1.0E-06	1.0E-06											
HR22	1.7E-06	1.7E-06	1.7E-06	1.7E-06	1.8E-06	1.8E-06	1.9E-06							
HR23	2.1E-06	2.2E-06	2.2E-06	2.3E-06	2.5E-06	2.8E-06	3.2E-06	3.8E-06	4.5E-06					
HR24	1.6E-06	1.6E-06	1.6E-06											
HR25	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.2E-06	3.4E-06	3.5E-06	3.7E-06	4.0E-06	4.3E-06	4.6E-06	5.0E-06	5.4E-06	5.3E-06
HR26	7.3E-07	7.3E-07	7.4E-07	7.9E-07	8.8E-07	1.0E-06								
HR27	3.3E-06	3.3E-06	3.4E-06	3.4E-06	3.6E-06	3.8E-06	4.1E-06	4.4E-06	4.9E-06	5.4E-06				
HR28	1.9E-06	1.9E-06	1.9E-06	2.1E-06	2.3E-06	2.6E-06	3.1E-06							
HR29	1.7E-06	1.7E-06	1.7E-06	1.8E-06	2.0E-06	2.2E-06	2.5E-06							
HR30	6.2E-06	6.2E-06	6.3E-06	6.6E-06	7.1E-06	7.8E-06	8.7E-06	1.0E-05	1.2E-05	1.4E-05	1.6E-05	1.9E-05	2.3E-05	2.8E-05
HR31	8.7E-07	8.7E-07	8.7E-07	9.0E-07	9.3E-07	9.8E-07	1.1E-06	1.2E-06	1.3E-06	1.4E-06	1.6E-06	1.8E-06	2.0E-06	2.2E-06

Predicted Incremental Annual Average Concentration Level of Toluene in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	2.0E-06	2.2E-06	2.4E-06	2.7E-06	3.0E-06				
HR1a	1.8E-06	1.9E-06	1.9E-06	2.0E-06	2.1E-06	2.3E-06	2.6E-06	2.9E-06	3.3E-06	3.8E-06				
HR1b	1.5E-06	1.5E-06	1.5E-06	1.6E-06	1.6E-06	1.7E-06	1.8E-06	2.0E-06	2.1E-06					
HR1c	1.9E-06	1.9E-06	1.9E-06	2.0E-06	2.1E-06	2.2E-06	2.5E-06	2.7E-06	3.1E-06					
HR2	1.9E-06	1.9E-06	1.9E-06	2.0E-06										
HR3	1.5E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06									
HR4	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06									
HR5	1.8E-06	1.8E-06	1.8E-06											
HR6	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.3E-06	1.3E-06	1.4E-06	1.5E-06	1.7E-06	1.8E-06	2.0E-06	2.2E-06
HR7	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06									
HR8	6.1E-07	6.1E-07	6.2E-07											
HR9	4.4E-07	4.4E-07	4.5E-07											
HR10	9.1E-07	9.2E-07	9.5E-07	1.1E-06	1.3E-06									
HR11	7.9E-07	8.0E-07	8.2E-07	9.1E-07										
HR12	1.6E-07	1.8E-07	2.4E-07	5.3E-07										
HR13	9.0E-08	9.7E-08	1.2E-07	2.1E-07										
HR14	3.1E-07	3.1E-07	3.2E-07											
HR15	9.6E-07													
HR16	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.2E-06	1.2E-06	1.3E-06	1.4E-06	1.5E-06	1.6E-06	1.7E-06	1.9E-06	2.0E-06
HR17	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.5E-06	1.5E-06	1.6E-06	1.6E-06	1.7E-06			
HR18	1.3E-06	1.3E-06	1.3E-06	1.3E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.5E-06	1.6E-06	1.6E-06	1.7E-06		
HR19	7.1E-07	7.1E-07	7.2E-07	7.2E-07										
HR20	5.4E-07	5.4E-07	5.4E-07											
HR21	5.7E-07	5.7E-07	5.8E-07											
HR22	9.9E-07	9.9E-07	9.9E-07	1.0E-06	1.0E-06	1.1E-06	1.1E-06							
HR23	1.2E-06	1.2E-06	1.3E-06	1.3E-06	1.4E-06	1.6E-06	1.9E-06	2.2E-06	2.6E-06					
HR24	9.2E-07	9.2E-07	9.2E-07											
HR25	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	1.9E-06	2.0E-06	2.1E-06	2.3E-06	2.4E-06	2.6E-06	2.8E-06	3.1E-06	3.1E-06
HR26	4.2E-07	4.2E-07	4.3E-07	4.5E-07	5.0E-07	5.7E-07								
HR27	1.9E-06	1.9E-06	1.9E-06	2.0E-06	2.1E-06	2.2E-06	2.3E-06	2.6E-06	2.8E-06	3.1E-06				
HR28	1.1E-06	1.1E-06	1.1E-06	1.2E-06	1.3E-06	1.5E-06	1.8E-06							
HR29	9.6E-07	9.7E-07	9.8E-07	1.0E-06	1.1E-06	1.3E-06	1.5E-06							
HR30	3.6E-06	3.6E-06	3.6E-06	3.8E-06	4.1E-06	4.5E-06	5.0E-06	5.7E-06	6.6E-06	7.8E-06	9.2E-06	1.1E-05	1.3E-05	1.6E-05
HR31	5.0E-07	5.0E-07	5.0E-07	5.1E-07	5.3E-07	5.7E-07	6.1E-07	6.6E-07	7.3E-07	8.2E-07	9.1E-07	1.0E-06	1.1E-06	1.3E-06

Appendix 13.07c Predicted Incremental Hourly Average Concentration Levels of TAPs at Human Receptors due to CSTW

Predicted Incremental Dispersion Factors at Different Heights due to CSTW (Height in mAG) from Odour Dispersion Model

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.35	1.81	2.30				
HR1a	0.96	0.96	0.97	1.34	2.13	3.31	4.93	6.97	9.32	11.81				
HR1b	1.34	1.34	1.34	1.34	1.34	1.34	1.73	2.38	3.22					
HR1c	1.07	1.07	1.07	1.33	2.10	3.27	4.86	6.87	9.18					
HR2	1.16	1.21	1.37	2.03										
HR3	1.29	1.29	1.29	1.29	1.29									
HR4	1.32	1.32	1.32	1.32	1.43									
HR5	1.08	1.08	1.08											
HR6	1.19	1.19	1.19	1.19	1.19	1.19	1.48	2.00	2.66	3.74	5.05	6.56	8.19	9.83
HR7	1.25	1.25	1.25	1.26	1.27									
HR8	2.80	2.81	2.82											
HR9	2.84	2.84	2.87											
HR10	3.77	3.77	3.78	3.79	3.81									
HR11	2.89	2.89	2.89	2.90										
HR12	0.43	0.44	0.50	0.97										
HR13	0.33	0.34	0.40	0.73										
HR14	2.74	2.74	2.74											
HR15	2.23													
HR16	1.32	1.32	1.32	1.33	1.35	1.37	1.64	2.43	3.46	4.75	6.28	8.01	9.85	11.66
HR17	2.01	2.01	2.01	2.02	2.03	2.35	3.01	3.85	4.88	6.09	7.48			
HR18	2.08	2.08	2.08	2.09	2.09	2.59	3.24	4.06	5.04	6.18	7.48	8.93		
HR19	3.46	3.46	3.46	3.46										
HR20	3.34	3.35	3.37											
HR21	2.29	2.29	2.29											
HR22	3.57	3.57	3.58	3.60	3.63	3.68	3.73							
HR23	1.87	1.88	1.89	2.00	3.35	5.47	8.46	12.34	16.97					
HR24	3.17	3.17	3.17											
HR25	2.47	2.47	2.47	2.48	3.09	3.92	4.93	6.06	7.23	8.36	9.35	10.11	10.57	9.54
HR26	2.28	2.28	2.28	2.28	2.28	2.28								
HR27	2.44	2.44	2.45	2.48	2.54	2.62	3.05	3.64	4.31	5.04				
HR28	2.75	2.76	2.78	2.88	3.74	5.77	8.51							
HR29	3.72	3.73	3.73	3.75	3.79	3.84	6.01							
HR30	7.02	7.02	7.03	7.06	7.11	7.18	7.27	7.36	7.46	7.56	9.12	13.45	18.62	24.21
HR31	1.51	1.51	1.52	1.53	1.55	1.89	2.99	4.51	6.47	8.83	11.46	14.15	16.63	18.58

Predicted Incremental Hourly Average Concentration Level of H2S in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	4.5E-03	4.5E-03	4.5E-03	4.5E-03	4.5E-03	4.5E-03	4.5E-03	4.9E-03	6.6E-03	8.4E-03				
HR1a	3.5E-03	3.5E-03	3.5E-03	4.9E-03	7.8E-03	1.2E-02	1.8E-02	2.5E-02	3.4E-02	4.3E-02				
HR1b	4.9E-03	4.9E-03	4.9E-03	4.9E-03	4.9E-03	4.9E-03	6.3E-03	8.7E-03	1.2E-02					
HR1c	3.9E-03	3.9E-03	3.9E-03	4.9E-03	7.7E-03	1.2E-02	1.8E-02	2.5E-02	3.4E-02					
HR2	4.2E-03	4.4E-03	5.0E-03	7.4E-03										
HR3	4.7E-03	4.7E-03	4.7E-03	4.7E-03	4.7E-03									
HR4	4.8E-03	4.8E-03	4.8E-03	4.8E-03	5.2E-03									
HR5	4.0E-03	4.0E-03	4.0E-03											
HR6	4.3E-03	4.3E-03	4.3E-03	4.3E-03	4.3E-03	4.4E-03	5.4E-03	7.3E-03	9.7E-03	1.4E-02	1.8E-02	2.4E-02	3.0E-02	3.6E-02
HR7	4.6E-03	4.6E-03	4.6E-03	4.6E-03	4.7E-03									
HR8	1.0E-02	1.0E-02	1.0E-02											
HR9	1.0E-02	1.0E-02	1.0E-02											
HR10	1.4E-02	1.4E-02	1.4E-02	1.4E-02	1.4E-02									
HR11	1.1E-02	1.1E-02	1.1E-02	1.1E-02										
HR12	1.6E-03	1.6E-03	1.8E-03	3.5E-03										
HR13	1.2E-03	1.3E-03	1.5E-03	2.7E-03										
HR14	1.0E-02	1.0E-02	1.0E-02											
HR15	8.2E-03													
HR16	4.8E-03	4.8E-03	4.8E-03	4.9E-03	4.9E-03	5.0E-03	6.0E-03	8.9E-03	1.3E-02	1.7E-02	2.3E-02	2.9E-02	3.6E-02	4.3E-02
HR17	7.4E-03	7.4E-03	7.4E-03	7.4E-03	7.4E-03	8.6E-03	1.1E-02	1.4E-02	1.8E-02	2.2E-02	2.7E-02			
HR18	7.6E-03	7.6E-03	7.6E-03	7.6E-03	7.7E-03	9.5E-03	1.2E-02	1.5E-02	1.8E-02	2.3E-02	2.7E-02	3.3E-02		
HR19	1.3E-02	1.3E-02	1.3E-02	1.3E-02										
HR20	1.2E-02	1.2E-02	1.2E-02											
HR21	8.4E-03	8.4E-03	8.4E-03											
HR22	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.4E-02							
HR23	6.9E-03	6.9E-03	6.9E-03	7.3E-03	1.2E-02	2.0E-02	3.1E-02	4.5E-02	6.2E-02					
HR24	1.2E-02	1.2E-02	1.2E-02											
HR25	9.0E-03	9.0E-03	9.0E-03	9.1E-03	1.1E-02	1.4E-02	1.8E-02	2.2E-02	2.6E-02	3.1E-02	3.4E-02	3.7E-02	3.9E-02	3.5E-02
HR26	8.3E-03	8.3E-03	8.3E-03	8.3E-03	8.3E-03	8.4E-03								
HR27	8.9E-03	8.9E-03	9.0E-03	9.1E-03	9.3E-03	9.6E-03	1.1E-02	1.3E-02	1.6E-02	1.8E-02				
HR28	1.0E-02	1.0E-02	1.0E-02	1.1E-02	1.4E-02	2.1E-02	3.1E-02							
HR29	1.4E-02	1.4E-02	1.4E-02	1.4E-02	1.4E-02	1.4E-02	2.2E-02							
HR30	2.6E-02	2.6E-02	2.6E-02	2.6E-02	2.6E-02	2.6E-02	2.7E-02	2.7E-02	2.7E-02	2.8E-02	3.3E-02	4.9E-02	6.8E-02	8.9E-02
HR31	5.5E-03	5.5E-03	5.5E-03	5.6E-03	5.7E-03	6.9E-03	1.1E-02	1.6E-02	2.4E-02	3.2E-02	4.2E-02	5.2E-02	6.1E-02	6.8E-02

Predicted Incremental Hourly Average Concentration Level of NH3 in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
HR1	1.8E-03	1.8E-03	1.8E-03	1.8E-03	1.8E-03	1.8E-03	1.8E-03	2.0E-03	2.7E-03	3.4E-03				
HR1a	1.4E-03	1.4E-03	1.4E-03	2.0E-03	3.1E-03	4.9E-03	7.3E-03	1.0E-02	1.4E-02	1.7E-02				
HR1b	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.5E-03	3.5E-03	4.7E-03					
HR1c	1.6E-03	1.6E-03	1.6E-03	2.0E-03	3.1E-03	4.8E-03	7.2E-03	1.0E-02	1.4E-02					
HR2	1.7E-03	1.8E-03	2.0E-03	3.0E-03										
HR3	1.9E-03	1.9E-03	1.9E-03	1.9E-03	1.9E-03									
HR4	1.9E-03	1.9E-03	1.9E-03	1.9E-03	2.1E-03									
HR5	1.6E-03	1.6E-03	1.6E-03											
HR6	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.8E-03	2.2E-03	2.9E-03	3.9E-03	5.5E-03	7.4E-03	9.7E-03	1.2E-02	1.4E-02
HR7	1.8E-03	1.8E-03	1.8E-03	1.8E-03	1.9E-03									
HR8	4.1E-03	4.1E-03	4.2E-03											
HR9	4.2E-03	4.2E-03	4.2E-03											
HR10	5.6E-03	5.6E-03	5.6E-03	5.6E-03	5.6E-03									
HR11	4.3E-03	4.3E-03	4.3E-03	4.3E-03										
HR12	6.3E-04	6.5E-04	7.3E-04	1.4E-03										
HR13	4.9E-04	5.0E-04	5.9E-04	1.1E-03										
HR14	4.0E-03	4.0E-03	4.0E-03											
HR15	3.3E-03													
HR16	1.9E-03	1.9E-03	1.9E-03	2.0E-03	2.0E-03	2.0E-03	2.4E-03	3.6E-03	5.1E-03	7.0E-03	9.3E-03	1.2E-02	1.4E-02	1.7E-02
HR17	3.0E-03	3.0E-03	3.0E-03	3.0E-03	3.0E-03	3.5E-03	4.4E-03	5.7E-03	7.2E-03	9.0E-03	1.1E-02			
HR18	3.1E-03	3.1E-03	3.1E-03	3.1E-03	3.1E-03	3.8E-03	4.8E-03	6.0E-03	7.4E-03	9.1E-03	1.1E-02	1.3E-02		
HR19	5.1E-03	5.1E-03	5.1E-03	5.1E-03										
HR20	4.9E-03	4.9E-03	5.0E-03											
HR21	3.4E-03	3.4E-03	3.4E-03											
HR22	5.3E-03	5.3E-03	5.3E-03	5.3E-03	5.3E-03	5.4E-03	5.5E-03							
HR23	2.8E-03	2.8E-03	2.8E-03	2.9E-03	4.9E-03	8.0E-03	1.2E-02	1.8E-02	2.5E-02					
HR24	4.7E-03	4.7E-03	4.7E-03											
HR25	3.6E-03	3.6E-03	3.6E-03	3.6E-03	4.6E-03	5.8E-03	7.3E-03	8.9E-03	1.1E-02	1.2E-02	1.4E-02	1.5E-02	1.6E-02	1.4E-02
HR26	3.3E-03	3.3E-03	3.4E-03	3.4E-03	3.4E-03	3.4E-03								
HR27	3.6E-03	3.6E-03	3.6E-03	3.7E-03	3.7E-03	3.9E-03	4.5E-03	5.4E-03	6.3E-03	7.4E-03				
HR28	4.1E-03	4.1E-03	4.1E-03	4.2E-03	5.5E-03	8.5E-03	1.3E-02							
HR29	5.5E-03	5.5E-03	5.5E-03	5.5E-03	5.6E-03	5.6E-03	8.8E-03							
HR30	1.0E-02	1.0E-02	1.0E-02	1.0E-02	1.0E-02	1.1E-02	1.1E-02	1.1E-02	1.1E-02	1.1E-02	1.3E-02	2.0E-02	2.7E-02	3.6E-02
HR31	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.3E-03	2.8E-03	4.4E-03	6.6E-03	9.5E-03	1.3E-02	1.7E-02	2.1E-02	2.4E-02	2.7E-02

Predicted Incremental Hourly Average Concentration Level of SO2 in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.7E-02	1.7E-02	1.7E-02	1.7E-02	1.7E-02	1.7E-02	1.7E-02	1.9E-02	2.5E-02	3.2E-02				
HR1a	1.3E-02	1.3E-02	1.3E-02	1.8E-02	2.9E-02	4.5E-02	6.8E-02	9.6E-02	1.3E-01	1.6E-01				
HR1b	1.8E-02	1.8E-02	1.8E-02	1.8E-02	1.8E-02	1.8E-02	2.4E-02	3.3E-02	4.4E-02					
HR1c	1.5E-02	1.5E-02	1.5E-02	1.8E-02	2.9E-02	4.5E-02	6.7E-02	9.4E-02	1.3E-01					
HR2	1.6E-02	1.7E-02	1.9E-02	2.8E-02										
HR3	1.8E-02	1.8E-02	1.8E-02	1.8E-02	1.8E-02									
HR4	1.8E-02	1.8E-02	1.8E-02	1.8E-02	2.0E-02									
HR5	1.5E-02	1.5E-02	1.5E-02											
HR6	1.6E-02	1.6E-02	1.6E-02	1.6E-02	1.6E-02	1.6E-02	2.0E-02	2.7E-02	3.7E-02	5.1E-02	6.9E-02	9.0E-02	1.1E-01	1.3E-01
HR7	1.7E-02	1.7E-02	1.7E-02	1.7E-02	1.7E-02									
HR8	3.8E-02	3.9E-02	3.9E-02											
HR9	3.9E-02	3.9E-02	3.9E-02											
HR10	5.2E-02	5.2E-02	5.2E-02	5.2E-02	5.2E-02									
HR11	4.0E-02	4.0E-02	4.0E-02	4.0E-02										
HR12	5.9E-03	6.1E-03	6.8E-03	1.3E-02										
HR13	4.6E-03	4.7E-03	5.5E-03	1.0E-02										
HR14	3.8E-02	3.8E-02	3.8E-02											
HR15	3.1E-02													
HR16	1.8E-02	1.8E-02	1.8E-02	1.8E-02	1.8E-02	1.9E-02	2.3E-02	3.3E-02	4.7E-02	6.5E-02	8.6E-02	1.1E-01	1.4E-01	1.6E-01
HR17	2.8E-02	2.8E-02	2.8E-02	2.8E-02	2.8E-02	3.2E-02	4.1E-02	5.3E-02	6.7E-02	8.4E-02	1.0E-01			
HR18	2.9E-02	2.9E-02	2.9E-02	2.9E-02	2.9E-02	3.6E-02	4.5E-02	5.6E-02	6.9E-02	8.5E-02	1.0E-01	1.2E-01		
HR19	4.7E-02	4.7E-02	4.7E-02	4.8E-02										
HR20	4.6E-02	4.6E-02	4.6E-02											
HR21	3.1E-02	3.1E-02	3.1E-02											
HR22	4.9E-02	4.9E-02	4.9E-02	4.9E-02	5.0E-02	5.0E-02	5.1E-02							
HR23	2.6E-02	2.6E-02	2.6E-02	2.7E-02	4.6E-02	7.5E-02	1.2E-01	1.7E-01	2.3E-01					
HR24	4.4E-02	4.4E-02	4.4E-02											
HR25	3.4E-02	3.4E-02	3.4E-02	3.4E-02	4.2E-02	5.4E-02	6.8E-02	8.3E-02	9.9E-02	1.1E-01	1.3E-01	1.4E-01	1.5E-01	1.3E-01
HR26	3.1E-02	3.1E-02	3.1E-02	3.1E-02	3.1E-02	3.1E-02								
HR27	3.3E-02	3.4E-02	3.4E-02	3.4E-02	3.5E-02	3.6E-02	4.2E-02	5.0E-02	5.9E-02	6.9E-02				
HR28	3.8E-02	3.8E-02	3.8E-02	4.0E-02	5.1E-02	7.9E-02	1.2E-01							
HR29	5.1E-02	5.1E-02	5.1E-02	5.2E-02	5.2E-02	5.3E-02	8.3E-02							
HR30	9.6E-02	9.6E-02	9.7E-02	9.7E-02	9.8E-02	9.9E-02	1.0E-01	1.0E-01	1.0E-01	1.0E-01	1.3E-01	1.8E-01	2.6E-01	3.3E-01
HR31	2.08E-02	2.08E-02	2.08E-02	2.10E-02	2.13E-02	2.60E-02	4.11E-02	6.19E-02	8.88E-02	1.21E-01	1.57E-01	1.94E-01	2.28E-01	2.55E-01

Predicted Incremental Hourly Average Concentration Level of NO2 in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.7E-01	2.7E-01	2.7E-01	2.7E-01	2.7E-01	2.7E-01	2.7E-01	2.9E-01	4.0E-01	5.0E-01				
HR1a	2.1E-01	2.1E-01	2.1E-01	2.9E-01	4.6E-01	7.2E-01	1.1E+00	1.5E+00	2.0E+00	2.6E+00				
HR1b	2.9E-01	2.9E-01	2.9E-01	2.9E-01	2.9E-01	2.9E-01	3.8E-01	5.2E-01	7.0E-01					
HR1c	2.3E-01	2.3E-01	2.3E-01	2.9E-01	4.6E-01	7.1E-01	1.1E+00	1.5E+00	2.0E+00					
HR2	2.5E-01	2.6E-01	3.0E-01	4.4E-01										
HR3	2.8E-01	2.8E-01	2.8E-01	2.8E-01	2.8E-01									
HR4	2.9E-01	2.9E-01	2.9E-01	2.9E-01	3.1E-01									
HR5	2.4E-01	2.4E-01	2.4E-01											
HR6	2.6E-01	2.6E-01	2.6E-01	2.6E-01	2.6E-01	2.6E-01	3.2E-01	4.4E-01	5.8E-01	8.1E-01	1.1E+00	1.4E+00	1.8E+00	2.1E+00
HR7	2.7E-01	2.7E-01	2.7E-01	2.7E-01	2.8E-01									
HR8	6.1E-01	6.1E-01	6.1E-01											
HR9	6.2E-01	6.2E-01	6.2E-01											
HR10	8.2E-01	8.2E-01	8.2E-01	8.3E-01	8.3E-01									
HR11	6.3E-01	6.3E-01	6.3E-01	6.3E-01										
HR12	9.3E-02	9.7E-02	1.1E-01	2.1E-01										
HR13	7.3E-02	7.5E-02	8.7E-02	1.6E-01										
HR14	6.0E-01	6.0E-01	6.0E-01											
HR15	4.9E-01													
HR16	2.9E-01	2.9E-01	2.9E-01	2.9E-01	2.9E-01	3.0E-01	3.6E-01	5.3E-01	7.5E-01	1.0E+00	1.4E+00	1.7E+00	2.1E+00	2.5E+00
HR17	4.4E-01	4.4E-01	4.4E-01	4.4E-01	4.4E-01	5.1E-01	6.6E-01	8.4E-01	1.1E+00	1.3E+00	1.6E+00			
HR18	4.5E-01	4.5E-01	4.5E-01	4.5E-01	4.6E-01	5.6E-01	7.1E-01	8.8E-01	1.1E+00	1.3E+00	1.6E+00	1.9E+00		
HR19	7.5E-01	7.5E-01	7.5E-01	7.5E-01										
HR20	7.3E-01	7.3E-01	7.3E-01											
HR21	5.0E-01	5.0E-01	5.0E-01											
HR22	7.8E-01	7.8E-01	7.8E-01	7.8E-01	7.9E-01	8.0E-01	8.1E-01							
HR23	4.1E-01	4.1E-01	4.1E-01	4.4E-01	7.3E-01	1.2E+00	1.8E+00	2.7E+00	3.7E+00					
HR24	6.9E-01	6.9E-01	6.9E-01											
HR25	5.4E-01	5.4E-01	5.4E-01	5.4E-01	6.7E-01	8.5E-01	1.1E+00	1.3E+00	1.6E+00	1.8E+00	2.0E+00	2.2E+00	2.3E+00	2.1E+00
HR26	5.0E-01	5.0E-01	5.0E-01	5.0E-01	5.0E-01	5.0E-01								
HR27	5.3E-01	5.3E-01	5.3E-01	5.4E-01	5.5E-01	5.7E-01	6.6E-01	7.9E-01	9.4E-01	1.1E+00				
HR28	6.0E-01	6.0E-01	6.1E-01	6.3E-01	8.2E-01	1.3E+00	1.9E+00							
HR29	8.1E-01	8.1E-01	8.1E-01	8.2E-01	8.3E-01	8.4E-01	1.3E+00							
HR30	1.5E+00	1.5E+00	1.5E+00	1.5E+00	1.5E+00	1.6E+00	1.6E+00	1.6E+00	1.6E+00	1.6E+00	2.0E+00	2.9E+00	4.1E+00	5.3E+00
HR31	3.3E-01	3.3E-01	3.3E-01	3.3E-01	3.4E-01	4.1E-01	6.5E-01	9.8E-01	1.4E+00	1.9E+00	2.5E+00	3.1E+00	3.6E+00	4.0E+00

Predicted Incremental Hourly Average Concentration Level of Chloroform (CHCl3) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.3E-03	1.8E-03	2.2E-03				
HR1a	9.4E-04	9.4E-04	9.4E-04	1.3E-03	2.1E-03	3.2E-03	4.8E-03	6.8E-03	9.1E-03	1.2E-02				
HR1b	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.7E-03	2.3E-03	3.1E-03					
HR1c	1.0E-03	1.0E-03	1.0E-03	1.3E-03	2.0E-03	3.2E-03	4.7E-03	6.7E-03	8.9E-03					
HR2	1.1E-03	1.2E-03	1.3E-03	2.0E-03										
HR3	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.3E-03									
HR4	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.4E-03									
HR5	1.1E-03	1.1E-03	1.1E-03											
HR6	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.4E-03	1.9E-03	2.6E-03	3.6E-03	4.9E-03	6.4E-03	8.0E-03	9.6E-03
HR7	1.2E-03	1.2E-03	1.2E-03	1.2E-03	1.2E-03									
HR8	2.7E-03	2.7E-03	2.7E-03											
HR9	2.8E-03	2.8E-03	2.8E-03											
HR10	3.7E-03	3.7E-03	3.7E-03	3.7E-03	3.7E-03									
HR11	2.8E-03	2.8E-03	2.8E-03	2.8E-03										
HR12	4.2E-04	4.3E-04	4.8E-04	9.4E-04										
HR13	3.3E-04	3.3E-04	3.9E-04	7.1E-04										
HR14	2.7E-03	2.7E-03	2.7E-03											
HR15	2.2E-03													
HR16	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.3E-03	1.6E-03	2.4E-03	3.4E-03	4.6E-03	6.1E-03	7.8E-03	9.6E-03	1.1E-02
HR17	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.3E-03	2.9E-03	3.8E-03	4.7E-03	5.9E-03	7.3E-03			
HR18	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.0E-03	2.5E-03	3.2E-03	4.0E-03	4.9E-03	6.0E-03	7.3E-03	8.7E-03		
HR19	3.4E-03	3.4E-03	3.4E-03	3.4E-03										
HR20	3.3E-03	3.3E-03	3.3E-03											
HR21	2.2E-03	2.2E-03	2.2E-03											
HR22	3.5E-03	3.5E-03	3.5E-03	3.5E-03	3.5E-03	3.6E-03	3.6E-03							
HR23	1.8E-03	1.8E-03	1.8E-03	1.9E-03	3.3E-03	5.3E-03	8.2E-03	1.2E-02	1.7E-02					
HR24	3.1E-03	3.1E-03	3.1E-03											
HR25	2.4E-03	2.4E-03	2.4E-03	2.4E-03	3.0E-03	3.8E-03	4.8E-03	5.9E-03	7.0E-03	8.1E-03	9.1E-03	9.9E-03	1.0E-02	9.3E-03
HR26	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.2E-03								
HR27	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.5E-03	2.6E-03	3.0E-03	3.5E-03	4.2E-03	4.9E-03				
HR28	2.7E-03	2.7E-03	2.7E-03	2.8E-03	3.6E-03	5.6E-03	8.3E-03							
HR29	3.6E-03	3.6E-03	3.6E-03	3.7E-03	3.7E-03	3.7E-03	5.9E-03							
HR30	6.8E-03	6.8E-03	6.8E-03	6.9E-03	6.9E-03	7.0E-03	7.1E-03	7.2E-03	7.3E-03	7.4E-03	8.9E-03	1.3E-02	1.8E-02	2.4E-02
HR31	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.8E-03	2.9E-03	4.4E-03	6.3E-03	8.6E-03	1.1E-02	1.4E-02	1.6E-02	1.8E-02

Predicted Incremental Hourly Average Concentration Level of Tetrachloroethylene (Perchloroethylene) (C2Cl4) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	5.0E-03	5.0E-03	5.0E-03	5.0E-03	5.0E-03	5.0E-03	5.0E-03	5.6E-03	7.5E-03	9.5E-03				
HR1a	3.9E-03	4.0E-03	4.0E-03	5.5E-03	8.7E-03	1.4E-02	2.0E-02	2.9E-02	3.8E-02	4.9E-02				
HR1b	5.5E-03	5.5E-03	5.5E-03	5.5E-03	5.5E-03	5.5E-03	7.1E-03	9.8E-03	1.3E-02					
HR1c	4.4E-03	4.4E-03	4.4E-03	5.5E-03	8.6E-03	1.3E-02	2.0E-02	2.8E-02	3.8E-02					
HR2	4.8E-03	5.0E-03	5.6E-03	8.3E-03										
HR3	5.3E-03	5.3E-03	5.3E-03	5.3E-03	5.3E-03									
HR4	5.4E-03	5.4E-03	5.4E-03	5.4E-03	5.9E-03									
HR5	4.4E-03	4.4E-03	4.4E-03											
HR6	4.9E-03	4.9E-03	4.9E-03	4.9E-03	4.9E-03	4.9E-03	6.1E-03	8.2E-03	1.1E-02	1.5E-02	2.1E-02	2.7E-02	3.4E-02	4.0E-02
HR7	5.1E-03	5.1E-03	5.1E-03	5.2E-03	5.2E-03									
HR8	1.2E-02	1.2E-02	1.2E-02											
HR9	1.2E-02	1.2E-02	1.2E-02											
HR10	1.5E-02	1.6E-02	1.6E-02	1.6E-02	1.6E-02									
HR11	1.2E-02	1.2E-02	1.2E-02	1.2E-02										
HR12	1.8E-03	1.8E-03	2.0E-03	4.0E-03										
HR13	1.4E-03	1.4E-03	1.6E-03	3.0E-03										
HR14	1.1E-02	1.1E-02	1.1E-02											
HR15	9.2E-03													
HR16	5.4E-03	5.4E-03	5.4E-03	5.5E-03	5.5E-03	5.6E-03	6.8E-03	1.0E-02	1.4E-02	2.0E-02	2.6E-02	3.3E-02	4.0E-02	4.8E-02
HR17	8.3E-03	8.3E-03	8.3E-03	8.3E-03	8.3E-03	9.7E-03	1.2E-02	1.6E-02	2.0E-02	2.5E-02	3.1E-02			
HR18	8.6E-03	8.6E-03	8.6E-03	8.6E-03	8.6E-03	1.1E-02	1.3E-02	1.7E-02	2.1E-02	2.5E-02	3.1E-02	3.7E-02		
HR19	1.4E-02	1.4E-02	1.4E-02	1.4E-02										
HR20	1.4E-02	1.4E-02	1.4E-02											
HR21	9.4E-03	9.4E-03	9.4E-03											
HR22	1.5E-02	1.5E-02	1.5E-02	1.5E-02	1.5E-02	1.5E-02	1.5E-02							
HR23	7.7E-03	7.7E-03	7.8E-03	8.2E-03	1.4E-02	2.2E-02	3.5E-02	5.1E-02	7.0E-02					
HR24	1.3E-02	1.3E-02	1.3E-02											
HR25	1.0E-02	1.0E-02	1.0E-02	1.0E-02	1.3E-02	1.6E-02	2.0E-02	2.5E-02	3.0E-02	3.4E-02	3.8E-02	4.2E-02	4.3E-02	3.9E-02
HR26	9.3E-03	9.3E-03	9.4E-03	9.4E-03	9.4E-03	9.4E-03								
HR27	1.0E-02	1.0E-02	1.0E-02	1.0E-02	1.0E-02	1.1E-02	1.3E-02	1.5E-02	1.8E-02	2.1E-02				
HR28	1.1E-02	1.1E-02	1.1E-02	1.2E-02	1.5E-02	2.4E-02	3.5E-02							
HR29	1.5E-02	1.5E-02	1.5E-02	1.5E-02	1.6E-02	1.6E-02	2.5E-02							
HR30	2.9E-02	2.9E-02	2.9E-02	2.9E-02	2.9E-02	3.0E-02	3.0E-02	3.0E-02	3.1E-02	3.1E-02	3.7E-02	5.5E-02	7.7E-02	9.9E-02
HR31	6.2E-03	6.2E-03	6.2E-03	6.3E-03	6.4E-03	7.8E-03	1.2E-02	1.9E-02	2.7E-02	3.6E-02	4.7E-02	5.8E-02	6.8E-02	7.6E-02

Predicted Incremental Hourly Average Concentration Level of Trichloroethylene (C2HCl3) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.5E-04	2.5E-04	2.5E-04	2.5E-04	2.5E-04	2.5E-04	2.5E-04	2.8E-04	3.7E-04	4.7E-04				
HR1a	2.0E-04	2.0E-04	2.0E-04	2.8E-04	4.4E-04	6.8E-04	1.0E-03	1.4E-03	1.9E-03	2.4E-03				
HR1b	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	3.6E-04	4.9E-04	6.6E-04					
HR1c	2.2E-04	2.2E-04	2.2E-04	2.7E-04	4.3E-04	6.7E-04	1.0E-03	1.4E-03	1.9E-03					
HR2	2.4E-04	2.5E-04	2.8E-04	4.2E-04										
HR3	2.6E-04	2.6E-04	2.6E-04	2.6E-04	2.6E-04									
HR4	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.9E-04									
HR5	2.2E-04	2.2E-04	2.2E-04											
HR6	2.4E-04	2.4E-04	2.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
HR7	2.6E-04	2.6E-04	2.6E-04	7.8E-04	7.8E-04									
HR8	5.8E-04	5.8E-04	5.8E-04											
HR9	5.8E-04	5.8E-04	5.9E-04											
HR10	7.8E-04	7.8E-04	7.8E-04	1.5E-04	0.0E+00									
HR11	5.9E-04	5.9E-04	5.9E-04	0.0E+00										
HR12	8.8E-05	9.1E-05	1.0E-04	2.0E-04										
HR13	6.9E-05	7.0E-05	8.2E-05	1.5E-04										
HR14	5.6E-04	5.6E-04	5.6E-04											
HR15	4.6E-04													
HR16	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.8E-04	2.8E-04	3.4E-04	5.0E-04	7.1E-04	9.8E-04	1.3E-03	1.6E-03	2.0E-03	2.4E-03
HR17	4.1E-04	4.1E-04	4.1E-04	4.1E-04	4.2E-04	4.8E-04	6.2E-04	7.9E-04	1.0E-03	1.3E-03	1.5E-03			
HR18	4.3E-04	4.3E-04	4.3E-04	4.3E-04	4.3E-04	5.3E-04	6.7E-04	8.3E-04	1.0E-03	1.3E-03	1.5E-03	1.8E-03		
HR19	7.1E-04	7.1E-04	7.1E-04	7.1E-04										
HR20	6.9E-04	6.9E-04	6.9E-04											
HR21	4.7E-04	4.7E-04	4.7E-04											
HR22	7.3E-04	7.3E-04	7.4E-04	7.4E-04	7.5E-04	7.6E-04	7.7E-04							
HR23	3.9E-04	3.9E-04	3.9E-04	4.1E-04	6.9E-04	1.1E-03	1.7E-03	2.5E-03	3.5E-03					
HR24	6.5E-04	6.5E-04	6.5E-04											
HR25	5.1E-04	5.1E-04	5.1E-04	5.1E-04	6.4E-04	8.1E-04	1.0E-03	1.2E-03	1.5E-03	1.7E-03	1.9E-03	2.1E-03	2.2E-03	2.0E-03
HR26	4.7E-04	4.7E-04	4.7E-04	4.7E-04	4.7E-04	4.7E-04								
HR27	5.0E-04	5.0E-04	5.0E-04	5.1E-04	5.2E-04	5.4E-04	6.3E-04	7.5E-04	8.9E-04	1.0E-03				
HR28	5.7E-04	5.7E-04	5.7E-04	5.9E-04	7.7E-04	1.2E-03	1.7E-03							
HR29	7.7E-04	7.7E-04	7.7E-04	7.7E-04	7.8E-04	7.9E-04	1.2E-03							
HR30	1.4E-03	1.4E-03	1.4E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.5E-03	1.6E-03	1.9E-03	2.8E-03	3.8E-03	5.0E-03
HR31	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.2E-04	3.9E-04	6.1E-04	9.3E-04	1.3E-03	1.8E-03	2.4E-03	2.9E-03	3.4E-03	3.8E-03

Predicted Incremental Hourly Average Concentration Level of Xylenes(C8H10) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.9E-04	2.9E-04	2.9E-04	2.9E-04	2.9E-04	2.9E-04	2.9E-04	3.2E-04	4.3E-04	5.5E-04				
HR1a	2.3E-04	2.3E-04	2.3E-04	3.2E-04	5.1E-04	7.9E-04	1.2E-03	1.7E-03	2.2E-03	2.8E-03				
HR1b	3.2E-04	3.2E-04	3.2E-04	3.2E-04	3.2E-04	3.2E-04	4.1E-04	5.7E-04	7.7E-04					
HR1c	2.5E-04	2.5E-04	2.5E-04	3.2E-04	5.0E-04	7.8E-04	1.2E-03	1.6E-03	2.2E-03					
HR2	2.8E-04	2.9E-04	3.2E-04	4.8E-04										
HR3	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.1E-04									
HR4	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.4E-04									
HR5	2.6E-04	2.6E-04	2.6E-04											
HR6	2.8E-04	2.8E-04	2.8E-04	2.8E-04	2.8E-04	2.8E-04	3.5E-04	4.7E-04	6.3E-04	8.9E-04	1.2E-03	1.6E-03	1.9E-03	2.3E-03
HR7	3.0E-04	3.0E-04	3.0E-04	3.0E-04	3.0E-04									
HR8	6.7E-04	6.7E-04	6.7E-04											
HR9	6.7E-04	6.8E-04	6.8E-04											
HR10	9.0E-04	9.0E-04	9.0E-04	9.0E-04	9.1E-04									
HR11	6.9E-04	6.9E-04	6.9E-04	6.9E-04										
HR12	1.0E-04	1.1E-04	1.2E-04	2.3E-04										
HR13	8.0E-05	8.1E-05	9.5E-05	1.7E-04										
HR14	6.5E-04	6.5E-04	6.5E-04											
HR15	5.3E-04													
HR16	3.1E-04	3.1E-04	3.1E-04	3.2E-04	3.2E-04	3.3E-04	3.9E-04	5.8E-04	8.2E-04	1.1E-03	1.5E-03	1.9E-03	2.3E-03	2.8E-03
HR17	4.8E-04	4.8E-04	4.8E-04	4.8E-04	4.8E-04	5.6E-04	7.2E-04	9.2E-04	1.2E-03	1.4E-03	1.8E-03			
HR18	4.9E-04	4.9E-04	4.9E-04	5.0E-04	5.0E-04	6.1E-04	7.7E-04	9.6E-04	1.2E-03	1.5E-03	1.8E-03	2.1E-03		
HR19	8.2E-04	8.2E-04	8.2E-04	8.2E-04										
HR20	7.9E-04	7.9E-04	8.0E-04											
HR21	5.4E-04	5.4E-04	5.4E-04											
HR22	8.5E-04	8.5E-04	8.5E-04	8.5E-04	8.6E-04	8.7E-04	8.9E-04							
HR23	4.4E-04	4.5E-04	4.5E-04	4.8E-04	8.0E-04	1.3E-03	2.0E-03	2.9E-03	4.0E-03					
HR24	7.5E-04	7.5E-04	7.5E-04											
HR25	5.9E-04	5.9E-04	5.9E-04	5.9E-04	7.3E-04	9.3E-04	1.2E-03	1.4E-03	1.7E-03	2.0E-03	2.2E-03	2.4E-03	2.5E-03	2.3E-03
HR26	5.4E-04	5.4E-04	5.4E-04	5.4E-04	5.4E-04	5.4E-04								
HR27	5.8E-04	5.8E-04	5.8E-04	5.9E-04	6.0E-04	6.2E-04	7.2E-04	8.6E-04	1.0E-03	1.2E-03				
HR28	6.5E-04	6.6E-04	6.6E-04	6.8E-04	8.9E-04	1.4E-03	2.0E-03							
HR29	8.8E-04	8.8E-04	8.9E-04	8.9E-04	9.0E-04	9.1E-04	1.4E-03							
HR30	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.7E-03	1.8E-03	1.8E-03	2.2E-03	3.2E-03	4.4E-03	5.8E-03
HR31	3.6E-04	3.6E-04	3.6E-04	3.6E-04	3.7E-04	4.5E-04	7.1E-04	1.1E-03	1.5E-03	2.1E-03	2.7E-03	3.4E-03	3.9E-03	4.4E-03

Predicted Incremental Hourly Average Concentration Level of Naphthalene (C10H8) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.8E-05	2.4E-05	3.0E-05				
HR1a	1.2E-05	1.3E-05	1.3E-05	1.7E-05	2.8E-05	4.3E-05	6.4E-05	9.1E-05	1.2E-04	1.5E-04				
HR1b	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.7E-05	2.3E-05	3.1E-05	4.2E-05					
HR1c	1.4E-05	1.4E-05	1.4E-05	1.7E-05	2.7E-05	4.3E-05	6.3E-05	8.9E-05	1.2E-04					
HR2	1.5E-05	1.6E-05	1.8E-05	2.6E-05										
HR3	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.7E-05									
HR4	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.9E-05									
HR5	1.4E-05	1.4E-05	1.4E-05											
HR6	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.9E-05	2.6E-05	3.5E-05	4.9E-05	6.6E-05	8.5E-05	1.1E-04	1.3E-04
HR7	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.7E-05									
HR8	3.6E-05	3.6E-05	3.7E-05											
HR9	3.7E-05	3.7E-05	3.7E-05											
HR10	4.9E-05	4.9E-05	4.9E-05	4.9E-05	5.0E-05									
HR11	3.8E-05	3.8E-05	3.8E-05	3.8E-05										
HR12	5.6E-06	5.8E-06	6.5E-06	1.3E-05										
HR13	4.4E-06	4.5E-06	5.2E-06	9.5E-06										
HR14	3.6E-05	3.6E-05	3.6E-05											
HR15	2.9E-05													
HR16	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.7E-05	1.8E-05	2.1E-05	3.2E-05	4.5E-05	6.2E-05	8.2E-05	1.0E-04	1.3E-04	1.5E-04
HR17	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	3.1E-05	3.9E-05	5.0E-05	6.3E-05	7.9E-05	9.7E-05			
HR18	2.7E-05	2.7E-05	2.7E-05	2.7E-05	2.7E-05	3.4E-05	4.2E-05	5.3E-05	6.5E-05	8.0E-05	9.7E-05	1.2E-04		
HR19	4.5E-05	4.5E-05	4.5E-05	4.5E-05										
HR20	4.3E-05	4.3E-05	4.4E-05											
HR21	3.0E-05	3.0E-05	3.0E-05											
HR22	4.6E-05	4.6E-05	4.7E-05	4.7E-05	4.7E-05	4.8E-05	4.9E-05							
HR23	2.4E-05	2.4E-05	2.5E-05	2.6E-05	4.4E-05	7.1E-05	1.1E-04	1.6E-04	2.2E-04					
HR24	4.1E-05	4.1E-05	4.1E-05											
HR25	3.2E-05	3.2E-05	3.2E-05	3.2E-05	4.0E-05	5.1E-05	6.4E-05	7.9E-05	9.4E-05	1.1E-04	1.2E-04	1.3E-04	1.4E-04	1.2E-04
HR26	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05								
HR27	3.2E-05	3.2E-05	3.2E-05	3.2E-05	3.3E-05	3.4E-05	4.0E-05	4.7E-05	5.6E-05	6.6E-05				
HR28	3.6E-05	3.6E-05	3.6E-05	3.7E-05	4.9E-05	7.5E-05	1.1E-04							
HR29	4.8E-05	4.8E-05	4.9E-05	4.9E-05	4.9E-05	5.0E-05	7.8E-05							
HR30	9.1E-05	9.1E-05	9.1E-05	9.2E-05	9.2E-05	9.3E-05	9.5E-05	9.6E-05	9.7E-05	9.8E-05	1.2E-04	1.7E-04	2.4E-04	3.1E-04
HR31	2.0E-05	2.0E-05	2.0E-05	2.0E-05	2.0E-05	2.5E-05	3.9E-05	5.9E-05	8.4E-05	1.1E-04	1.5E-04	1.8E-04	2.2E-04	2.4E-04

Predicted Incremental Hourly Average Concentration Level of Carbon Disulphide (CS2) in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.0E-04	1.0E-04	1.0E-04	1.0E-04	1.0E-04	1.0E-04	1.0E-04	1.1E-04	1.5E-04	1.9E-04				
HR1a	7.9E-05	7.9E-05	7.9E-05	1.1E-04	1.7E-04	2.7E-04	4.0E-04	5.7E-04	7.6E-04	9.7E-04				
HR1b	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.4E-04	2.0E-04	2.6E-04					
HR1c	8.8E-05	8.8E-05	8.8E-05	1.1E-04	1.7E-04	2.7E-04	4.0E-04	5.6E-04	7.5E-04					
HR2	9.5E-05	9.9E-05	1.1E-04	1.7E-04										
HR3	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04									
HR4	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.2E-04									
HR5	8.9E-05	8.9E-05	8.9E-05											
HR6	9.7E-05	9.7E-05	9.7E-05	9.7E-05	9.7E-05	9.8E-05	1.2E-04	1.6E-04	2.2E-04	3.1E-04	4.1E-04	5.4E-04	6.7E-04	8.1E-04
HR7	1.0E-04	1.0E-04	1.0E-04	1.0E-04	1.0E-04									
HR8	2.3E-04	2.3E-04	2.3E-04											
HR9	2.3E-04	2.3E-04	2.3E-04											
HR10	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.1E-04									
HR11	2.4E-04	2.4E-04	2.4E-04	2.4E-04										
HR12	3.5E-05	3.6E-05	4.1E-05	8.0E-05										
HR13	2.7E-05	2.8E-05	3.3E-05	6.0E-05										
HR14	2.2E-04	2.2E-04	2.2E-04											
HR15	1.8E-04													
HR16	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.3E-04	2.0E-04	2.8E-04	3.9E-04	5.2E-04	6.6E-04	8.1E-04	9.6E-04
HR17	1.6E-04	1.6E-04	1.6E-04	1.7E-04	1.7E-04	1.9E-04	2.5E-04	3.2E-04	4.0E-04	5.0E-04	6.1E-04			
HR18	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.7E-04	2.1E-04	2.7E-04	3.3E-04	4.1E-04	5.1E-04	6.1E-04	7.3E-04		
HR19	2.8E-04	2.8E-04	2.8E-04	2.8E-04										
HR20	2.7E-04	2.7E-04	2.8E-04											
HR21	1.9E-04	1.9E-04	1.9E-04											
HR22	2.9E-04	2.9E-04	2.9E-04	3.0E-04	3.0E-04	3.0E-04	3.1E-04							
HR23	1.5E-04	1.5E-04	1.6E-04	1.6E-04	2.8E-04	4.5E-04	6.9E-04	1.0E-03	1.4E-03					
HR24	2.6E-04	2.6E-04	2.6E-04											
HR25	2.0E-04	2.0E-04	2.0E-04	2.0E-04	2.5E-04	3.2E-04	4.0E-04	5.0E-04	5.9E-04	6.9E-04	7.7E-04	8.3E-04	8.7E-04	7.8E-04
HR26	1.9E-04	1.9E-04	1.9E-04	1.9E-04	1.9E-04	1.9E-04								
HR27	2.0E-04	2.0E-04	2.0E-04	2.0E-04	2.1E-04	2.2E-04	2.5E-04	3.0E-04	3.5E-04	4.1E-04				
HR28	2.3E-04	2.3E-04	2.3E-04	2.4E-04	3.1E-04	4.7E-04	7.0E-04							
HR29	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.1E-04	4.9E-04							
HR30	5.8E-04	5.8E-04	5.8E-04	5.8E-04	5.8E-04	5.9E-04	6.0E-04	6.0E-04	6.1E-04	6.2E-04	7.5E-04	1.1E-03	1.5E-03	2.0E-03
HR31	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.3E-04	1.6E-04	2.5E-04	3.7E-04	5.3E-04	7.2E-04	9.4E-04	1.2E-03	1.4E-03	1.5E-03

Predicted Incremental Hourly Average Concentration Level of Ethylbenzene in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.7E-04	2.2E-04				
HR1a	9.1E-05	9.1E-05	9.2E-05	1.3E-04	2.0E-04	3.1E-04	4.7E-04	6.6E-04	8.8E-04	1.1E-03				
HR1b	1.3E-04	1.3E-04	1.3E-04	1.3E-04	1.3E-04	1.3E-04	1.6E-04	2.3E-04	3.0E-04					
HR1c	1.0E-04	1.0E-04	1.0E-04	1.3E-04	2.0E-04	3.1E-04	4.6E-04	6.5E-04	8.7E-04					
HR2	1.1E-04	1.1E-04	1.3E-04	1.9E-04										
HR3	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04									
HR4	1.3E-04	1.3E-04	1.3E-04	1.3E-04	1.3E-04									
HR5	1.0E-04	1.0E-04	1.0E-04											
HR6	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.1E-04	1.4E-04	1.9E-04	2.5E-04	3.5E-04	4.8E-04	6.2E-04	7.7E-04	9.3E-04
HR7	1.2E-04	1.2E-04	1.2E-04	1.2E-04	1.2E-04									
HR8	2.6E-04	2.7E-04	2.7E-04											
HR9	2.7E-04	2.7E-04	2.7E-04											
HR10	3.6E-04	3.6E-04	3.6E-04	3.6E-04	3.6E-04									
HR11	2.7E-04	2.7E-04	2.7E-04	2.7E-04										
HR12	4.1E-05	4.2E-05	4.7E-05	9.2E-05										
HR13	3.2E-05	3.2E-05	3.8E-05	6.9E-05										
HR14	2.6E-04	2.6E-04	2.6E-04											
HR15	2.1E-04													
HR16	1.2E-04	1.2E-04	1.2E-04	1.3E-04	1.3E-04	1.3E-04	1.6E-04	2.3E-04	3.3E-04	4.5E-04	5.9E-04	7.6E-04	9.3E-04	1.1E-03
HR17	1.9E-04	1.9E-04	1.9E-04	1.9E-04	1.9E-04	2.2E-04	2.8E-04	3.6E-04	4.6E-04	5.8E-04	7.1E-04			
HR18	2.0E-04	2.0E-04	2.0E-04	2.0E-04	2.0E-04	2.4E-04	3.1E-04	3.8E-04	4.8E-04	5.8E-04	7.1E-04	8.4E-04		
HR19	3.3E-04	3.3E-04	3.3E-04	3.3E-04										
HR20	3.2E-04	3.2E-04	3.2E-04											
HR21	2.2E-04	2.2E-04	2.2E-04											
HR22	3.4E-04	3.4E-04	3.4E-04	3.4E-04	3.4E-04	3.5E-04	3.5E-04							
HR23	1.8E-04	1.8E-04	1.8E-04	1.9E-04	3.2E-04	5.2E-04	8.0E-04	1.2E-03	1.6E-03					
HR24	3.0E-04	3.0E-04	3.0E-04											
HR25	2.3E-04	2.3E-04	2.3E-04	2.3E-04	2.9E-04	3.7E-04	4.7E-04	5.7E-04	6.8E-04	7.9E-04	8.8E-04	9.6E-04	1.0E-03	9.0E-04
HR26	2.2E-04	2.2E-04	2.2E-04	2.2E-04	2.2E-04	2.2E-04								
HR27	2.3E-04	2.3E-04	2.3E-04	2.3E-04	2.4E-04	2.5E-04	2.9E-04	3.4E-04	4.1E-04	4.8E-04				
HR28	2.6E-04	2.6E-04	2.6E-04	2.7E-04	3.5E-04	5.4E-04	8.0E-04							
HR29	3.5E-04	3.5E-04	3.5E-04	3.5E-04	3.6E-04	3.6E-04	5.7E-04							
HR30	6.6E-04	6.6E-04	6.6E-04	6.7E-04	6.7E-04	6.8E-04	6.9E-04	7.0E-04	7.1E-04	7.1E-04	8.6E-04	1.3E-03	1.8E-03	2.3E-03
HR31	1.4E-04	1.4E-04	1.4E-04	1.4E-04	1.5E-04	1.8E-04	2.8E-04	4.3E-04	6.1E-04	8.3E-04	1.1E-03	1.3E-03	1.6E-03	1.8E-03

Predicted Incremental Hourly Average Concentration Level of Methanol in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.4E-03	3.2E-03	4.1E-03				
HR1a	1.7E-03	1.7E-03	1.7E-03	2.4E-03	3.8E-03	5.9E-03	8.8E-03	1.2E-02	1.7E-02	2.1E-02				
HR1b	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.4E-03	3.1E-03	4.3E-03	5.8E-03					
HR1c	1.9E-03	1.9E-03	1.9E-03	2.4E-03	3.8E-03	5.8E-03	8.7E-03	1.2E-02	1.6E-02					
HR2	2.1E-03	2.2E-03	2.4E-03	3.6E-03										
HR3	2.3E-03	2.3E-03	2.3E-03	2.3E-03	2.3E-03									
HR4	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.6E-03									
HR5	1.9E-03	1.9E-03	1.9E-03											
HR6	2.1E-03	2.1E-03	2.1E-03	2.1E-03	2.1E-03	2.1E-03	2.6E-03	3.6E-03	4.8E-03	6.7E-03	9.0E-03	1.2E-02	1.5E-02	1.8E-02
HR7	2.2E-03	2.2E-03	2.2E-03	2.2E-03	2.3E-03									
HR8	5.0E-03	5.0E-03	5.0E-03											
HR9	5.1E-03	5.1E-03	5.1E-03											
HR10	6.7E-03	6.7E-03	6.8E-03	6.8E-03	6.8E-03									
HR11	5.2E-03	5.2E-03	5.2E-03	5.2E-03										
HR12	7.7E-04	7.9E-04	8.9E-04	1.7E-03										
HR13	6.0E-04	6.1E-04	7.1E-04	1.3E-03										
HR14	4.9E-03	4.9E-03	4.9E-03											
HR15	4.0E-03													
HR16	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.4E-03	2.9E-03	4.3E-03	6.2E-03	8.5E-03	1.1E-02	1.4E-02	1.8E-02	2.1E-02
HR17	3.6E-03	3.6E-03	3.6E-03	3.6E-03	3.6E-03	4.2E-03	5.4E-03	6.9E-03	8.7E-03	1.1E-02	1.3E-02			
HR18	3.7E-03	3.7E-03	3.7E-03	3.7E-03	3.7E-03	4.6E-03	5.8E-03	7.3E-03	9.0E-03	1.1E-02	1.3E-02	1.6E-02		
HR19	6.2E-03	6.2E-03	6.2E-03	6.2E-03										
HR20	6.0E-03	6.0E-03	6.0E-03											
HR21	4.1E-03	4.1E-03	4.1E-03											
HR22	6.4E-03	6.4E-03	6.4E-03	6.4E-03	6.5E-03	6.6E-03	6.7E-03							
HR23	3.3E-03	3.4E-03	3.4E-03	3.6E-03	6.0E-03	9.8E-03	1.5E-02	2.2E-02	3.0E-02					
HR24	5.7E-03	5.7E-03	5.7E-03											
HR25	4.4E-03	4.4E-03	4.4E-03	4.4E-03	5.5E-03	7.0E-03	8.8E-03	1.1E-02	1.3E-02	1.5E-02	1.7E-02	1.8E-02	1.9E-02	1.7E-02
HR26	4.1E-03	4.1E-03	4.1E-03	4.1E-03	4.1E-03	4.1E-03								
HR27	4.4E-03	4.4E-03	4.4E-03	4.4E-03	4.5E-03	4.7E-03	5.5E-03	6.5E-03	7.7E-03	9.0E-03				
HR28	4.9E-03	4.9E-03	5.0E-03	5.1E-03	6.7E-03	1.0E-02	1.5E-02							
HR29	6.7E-03	6.7E-03	6.7E-03	6.7E-03	6.8E-03	6.9E-03	1.1E-02							
HR30	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.3E-02	1.4E-02	1.6E-02	2.4E-02	3.3E-02	4.3E-02
HR31	2.7E-03	2.7E-03	2.7E-03	2.7E-03	2.8E-03	3.4E-03	5.3E-03	8.1E-03	1.2E-02	1.6E-02	2.0E-02	2.5E-02	3.0E-02	3.3E-02

Predicted Incremental Hourly Average Concentration Level of Methylene Chloride in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	2.7E-04	3.0E-04	4.0E-04	5.1E-04				
HR1a	2.1E-04	2.1E-04	2.1E-04	3.0E-04	4.7E-04	7.3E-04	1.1E-03	1.5E-03	2.1E-03	2.6E-03				
HR1b	3.0E-04	3.0E-04	3.0E-04	3.0E-04	3.0E-04	3.0E-04	3.8E-04	5.3E-04	7.1E-04					
HR1c	2.4E-04	2.4E-04	2.4E-04	2.9E-04	4.6E-04	7.2E-04	1.1E-03	1.5E-03	2.0E-03					
HR2	2.6E-04	2.7E-04	3.0E-04	4.5E-04										
HR3	2.8E-04	2.8E-04	2.8E-04	2.8E-04	2.8E-04									
HR4	2.9E-04	2.9E-04	2.9E-04	2.9E-04	3.2E-04									
HR5	2.4E-04	2.4E-04	2.4E-04											
HR6	2.6E-04	2.6E-04	2.6E-04	2.6E-04	2.6E-04	2.6E-04	3.3E-04	4.4E-04	5.9E-04	8.3E-04	1.1E-03	1.5E-03	1.8E-03	2.2E-03
HR7	2.8E-04	2.8E-04	2.8E-04	2.8E-04	2.8E-04									
HR8	6.2E-04	6.2E-04	6.2E-04											
HR9	6.3E-04	6.3E-04	6.3E-04											
HR10	8.3E-04	8.3E-04	8.3E-04	8.4E-04	8.4E-04									
HR11	6.4E-04	6.4E-04	6.4E-04	6.4E-04										
HR12	9.5E-05	9.8E-05	1.1E-04	2.1E-04										
HR13	7.4E-05	7.6E-05	8.8E-05	1.6E-04										
HR14	6.0E-04	6.0E-04	6.0E-04											
HR15	4.9E-04													
HR16	2.9E-04	2.9E-04	2.9E-04	2.9E-04	3.0E-04	3.0E-04	3.6E-04	5.4E-04	7.6E-04	1.0E-03	1.4E-03	1.8E-03	2.2E-03	2.6E-03
HR17	4.4E-04	4.4E-04	4.4E-04	4.5E-04	4.5E-04	5.2E-04	6.7E-04	8.5E-04	1.1E-03	1.3E-03	1.7E-03			
HR18	4.6E-04	4.6E-04	4.6E-04	4.6E-04	4.6E-04	5.7E-04	7.2E-04	9.0E-04	1.1E-03	1.4E-03	1.7E-03	2.0E-03		
HR19	7.6E-04	7.6E-04	7.6E-04	7.6E-04										
HR20	7.4E-04	7.4E-04	7.4E-04											
HR21	5.1E-04	5.1E-04	5.1E-04											
HR22	7.9E-04	7.9E-04	7.9E-04	8.0E-04	8.0E-04	8.1E-04	8.3E-04							
HR23	4.1E-04	4.2E-04	4.2E-04	4.4E-04	7.4E-04	1.2E-03	1.9E-03	2.7E-03	3.8E-03					
HR24	7.0E-04	7.0E-04	7.0E-04											
HR25	5.5E-04	5.5E-04	5.5E-04	5.5E-04	6.8E-04	8.7E-04	1.1E-03	1.3E-03	1.6E-03	1.8E-03	2.1E-03	2.2E-03	2.3E-03	2.1E-03
HR26	5.0E-04	5.0E-04	5.0E-04	5.0E-04	5.0E-04	5.0E-04								
HR27	5.4E-04	5.4E-04	5.4E-04	5.5E-04	5.6E-04	5.8E-04	6.7E-04	8.0E-04	9.5E-04	1.1E-03				
HR28	6.1E-04	6.1E-04	6.2E-04	6.4E-04	8.3E-04	1.3E-03	1.9E-03							
HR29	8.2E-04	8.2E-04	8.2E-04	8.3E-04	8.4E-04	8.5E-04	1.3E-03							
HR30	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.6E-03	1.7E-03	2.0E-03	3.0E-03	4.1E-03	5.4E-03
HR31	3.3E-04	3.3E-04	3.3E-04	3.4E-04	3.4E-04	4.2E-04	6.6E-04	1.0E-03	1.4E-03	2.0E-03	2.5E-03	3.1E-03	3.7E-03	4.1E-03

Predicted Incremental Hourly Average Concentration Level of Toluene in µg/m3 at Different Heights due to CSTW (Height in mAG)

HR	1.5	5	10	20	30	40	50	60	70	80	90	100	110	120
HR1	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.7E-04	2.3E-04	2.9E-04				
HR1a	1.2E-04	1.2E-04	1.2E-04	1.7E-04	2.7E-04	4.2E-04	6.3E-04	8.8E-04	1.2E-03	1.5E-03				
HR1b	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.7E-04	2.2E-04	3.0E-04	4.1E-04					
HR1c	1.4E-04	1.4E-04	1.4E-04	1.7E-04	2.7E-04	4.2E-04	6.2E-04	8.7E-04	1.2E-03					
HR2	1.5E-04	1.5E-04	1.7E-04	2.6E-04										
HR3	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.6E-04									
HR4	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.8E-04									
HR5	1.4E-04	1.4E-04	1.4E-04											
HR6	1.5E-04	1.5E-04	1.5E-04	1.5E-04	1.5E-04	1.5E-04	1.9E-04	2.5E-04	3.4E-04	4.7E-04	6.4E-04	8.3E-04	1.0E-03	1.2E-03
HR7	1.6E-04	1.6E-04	1.6E-04	1.6E-04	1.6E-04									
HR8	3.6E-04	3.6E-04	3.6E-04											
HR9	3.6E-04	3.6E-04	3.6E-04											
HR10	4.8E-04	4.8E-04	4.8E-04	4.8E-04	4.8E-04									
HR11	3.7E-04	3.7E-04	3.7E-04	3.7E-04										
HR12	5.4E-05	5.6E-05	6.3E-05	1.2E-04										
HR13	4.3E-05	4.3E-05	5.1E-05	9.3E-05										
HR14	3.5E-04	3.5E-04	3.5E-04											
HR15	2.8E-04													
HR16	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.7E-04	1.7E-04	2.1E-04	3.1E-04	4.4E-04	6.0E-04	8.0E-04	1.0E-03	1.3E-03	1.5E-03
HR17	2.6E-04	2.6E-04	2.6E-04	2.6E-04	2.6E-04	3.0E-04	3.8E-04	4.9E-04	6.2E-04	7.7E-04	9.5E-04			
HR18	2.6E-04	2.6E-04	2.6E-04	2.7E-04	2.7E-04	3.3E-04	4.1E-04	5.2E-04	6.4E-04	7.9E-04	9.5E-04	1.1E-03		
HR19	4.4E-04	4.4E-04	4.4E-04	4.4E-04										
HR20	4.2E-04	4.2E-04	4.3E-04											
HR21	2.9E-04	2.9E-04	2.9E-04											
HR22	4.5E-04	4.5E-04	4.5E-04	4.6E-04	4.6E-04	4.7E-04	4.7E-04							
HR23	2.4E-04	2.4E-04	2.4E-04	2.5E-04	4.3E-04	6.9E-04	1.1E-03	1.6E-03	2.2E-03					
HR24	4.0E-04	4.0E-04	4.0E-04											
HR25	3.1E-04	3.1E-04	3.1E-04	3.1E-04	3.9E-04	5.0E-04	6.3E-04	7.7E-04	9.2E-04	1.1E-03	1.2E-03	1.3E-03	1.3E-03	1.2E-03
HR26	2.9E-04	2.9E-04	2.9E-04	2.9E-04	2.9E-04	2.9E-04								
HR27	3.1E-04	3.1E-04	3.1E-04	3.2E-04	3.2E-04	3.3E-04	3.9E-04	4.6E-04	5.5E-04	6.4E-04				
HR28	3.5E-04	3.5E-04	3.5E-04	3.7E-04	4.8E-04	7.3E-04	1.1E-03							
HR29	4.7E-04	4.7E-04	4.7E-04	4.8E-04	4.8E-04	4.9E-04	7.6E-04							
HR30	8.9E-04	8.9E-04	8.9E-04	9.0E-04	9.0E-04	9.1E-04	9.2E-04	9.4E-04	9.5E-04	9.6E-04	1.2E-03	1.7E-03	2.4E-03	3.1E-03
HR31	1.9E-04	1.9E-04	1.9E-04	1.9E-04	2.0E-04	2.4E-04	3.8E-04	5.7E-04	8.2E-04	1.1E-03	1.5E-03	1.8E-03	2.1E-03	2.4E-03