

**APPENDIX E-2  
SUMMARY OF MAXIMUM HOURLY CONCENTRATIONS AT KEY OFF-SITE RECEPTORS - CURRENT FACILITY CONFIGURATION**

Lehigh Southwest Cement Company  
Cupertino, Facility

Concentrations reported in micrograms per cubic meter (µg/m<sup>3</sup>)

Chemical	Key Receptors																																			
	1 <sup>†</sup>	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
	CS 510100	CS 507805	CS 507703	CS 507701	CS 507807	CS 507702	CS 507808	CS 507600	CS 509902	CS 510002	CS 508301	CS 508401	CS 511701	CS 510200	CS 507806	CS 507906	CS 507905	CS 510001	CS 509901	Daycare	Daycare	Preschool	Preschool	Preschool	Preschool	Preschool	School-Age Care	School	School	School	School	School	School	School	School	School
Acetaldehyde	5.10E-03	4.39E-03	4.02E-03	2.61E-03	2.29E-03	4.64E-03	3.37E-03	4.44E-03	4.92E-03	5.24E-03	3.98E-03	4.75E-03	5.84E-03	3.62E-03	3.34E-03	3.11E-03	2.70E-03	5.03E-03	4.65E-03	2.33E-03	3.68E-03	4.40E-03	4.50E-03	3.87E-03	3.83E-03	3.05E-03	2.67E-03	4.88E-03	3.41E-03	3.17E-03	3.64E-03	3.48E-03	3.56E-03	2.70E-03	3.48E-03	4.43E-03
Acrolein	1.98E-04	1.70E-04	1.56E-04	1.01E-04	8.86E-05	1.80E-04	1.30E-04	1.72E-04	1.91E-04	2.03E-04	1.54E-04	1.84E-04	2.26E-04	1.40E-04	1.30E-04	1.20E-04	1.05E-04	1.95E-04	1.80E-04	9.03E-05	1.43E-04	1.71E-04	1.74E-04	1.50E-04	1.48E-04	1.18E-04	1.03E-04	1.89E-04	1.32E-04	1.23E-04	1.41E-04	1.35E-04	1.38E-04	1.05E-04	1.72E-04	
Arsenic	1.03E-03	7.93E-04	1.95E-03	7.76E-04	1.31E-03	6.16E-04	4.79E-04	4.80E-04	3.35E-04	7.03E-04	8.03E-04	4.26E-04	4.13E-04	8.78E-04	4.35E-04	4.64E-04	4.07E-04	4.81E-04	6.65E-04	6.46E-04	2.89E-04	1.38E-03	1.02E-03	1.09E-03	1.18E-03	8.34E-04	8.22E-04	4.44E-04	9.94E-04	9.41E-04	6.07E-04	6.66E-04	1.31E-03	1.54E-03	1.42E-03	
Benz[a]anthracene	5.77E-08	4.96E-08	4.55E-08	2.95E-08	2.59E-08	5.25E-08	3.81E-08	5.02E-08	5.57E-08	5.92E-08	4.50E-08	5.37E-08	6.61E-08	4.09E-08	3.78E-08	3.51E-08	3.05E-08	5.69E-08	5.26E-08	2.64E-08	4.16E-08	4.98E-08	5.09E-08	4.38E-08	4.33E-08	3.45E-08	3.02E-08	5.52E-08	3.86E-08	3.58E-08	4.12E-08	3.94E-08	4.03E-08	3.05E-08	5.01E-08	
Benzene	7.07E-02	6.09E-02	5.58E-02	3.62E-02	3.17E-02	6.44E-02	4.67E-02	6.16E-02	6.83E-02	7.26E-02	5.51E-02	6.58E-02	8.10E-02	5.02E-02	4.64E-02	4.31E-02	3.74E-02	6.98E-02	6.45E-02	3.23E-02	5.11E-02	6.11E-02	6.24E-02	5.37E-02	5.31E-02	4.23E-02	3.70E-02	6.77E-02	4.73E-02	4.40E-02	5.05E-02	4.83E-02	4.94E-02	3.75E-02	6.15E-02	
Benzofluoranthene	1.30E-09	1.12E-09	1.02E-09	6.64E-10	5.81E-10	1.18E-09	8.55E-10	1.13E-09	1.25E-09	1.33E-09	1.01E-09	1.21E-09	1.48E-09	9.19E-10	1.28E-09	1.18E-09	1.02E-09	1.28E-09	1.18E-09	5.92E-10	9.36E-10	1.12E-09	1.14E-09	9.85E-10	9.73E-10	7.76E-10	6.78E-10	1.24E-09	8.68E-10	8.05E-10	9.25E-10	8.84E-10	9.06E-10	6.86E-10	1.13E-09	
Benzofluoranthene	8.22E-09	7.08E-09	6.48E-09	4.21E-09	3.69E-09	7.49E-09	5.43E-09	7.16E-09	7.94E-09	8.45E-09	6.41E-09	7.65E-09	9.42E-09	5.83E-09	5.39E-09	5.01E-09	4.35E-09	8.10E-09	7.51E-09	3.76E-09	6.25E-09	6.25E-09	6.25E-09	6.25E-09	6.17E-09	4.92E-09	4.30E-09	7.88E-09	5.51E-09	5.11E-09	5.87E-09	5.61E-09	5.75E-09	4.35E-09	7.15E-09	
Benzofluoranthene	1.30E-09	1.12E-09	1.02E-09	6.64E-10	5.81E-10	1.18E-09	8.55E-10	1.13E-09	1.25E-09	1.33E-09	1.01E-09	1.21E-09	1.48E-09	9.19E-10	1.28E-09	1.18E-09	1.02E-09	1.28E-09	1.18E-09	5.92E-10	9.36E-10	1.12E-09	1.14E-09	9.85E-10	9.73E-10	7.76E-10	6.78E-10	1.24E-09	8.68E-10	8.05E-10	9.25E-10	8.84E-10	9.06E-10	6.86E-10	1.13E-09	
Benzyl chloride	4.46E-04	3.84E-04	3.52E-04	2.29E-04	2.00E-04	4.06E-04	2.94E-04	3.88E-04	4.31E-04	4.58E-04	3.48E-04	4.15E-04	5.11E-04	3.16E-04	2.92E-04	2.72E-04	2.36E-04	4.40E-04	4.07E-04	2.04E-04	3.22E-04	3.85E-04	3.94E-04	3.39E-04	3.35E-04	2.67E-04	2.39E-04	2.77E-04	2.99E-04	3.19E-04	3.04E-04	3.12E-04	2.36E-04	3.88E-04		
Beryllium	2.63E-04	1.94E-04	4.82E-04	1.83E-04	3.49E-04	1.58E-04	1.32E-04	1.06E-04	7.92E-05	1.78E-04	1.87E-04	1.06E-04	1.16E-04	2.59E-04	1.09E-04	1.41E-04	1.22E-04	1.14E-04	1.87E-04	1.53E-04	7.08E-05	3.64E-04	2.54E-04	2.98E-04	3.03E-04	2.06E-04	2.65E-04	1.21E-04	2.63E-04	2.55E-04	1.56E-04	1.65E-04	3.93E-04	3.98E-04	3.74E-04	
1,3-Butadiene	4.04E-04	3.48E-04	3.18E-04	2.07E-04	1.81E-04	3.68E-04	2.66E-04	3.51E-04	3.90E-04	4.15E-04	3.15E-04	3.76E-04	4.62E-04	2.86E-04	2.65E-04	2.46E-04	2.24E-04	3.98E-04	3.68E-04	1.84E-04	2.92E-04	3.47E-04	3.56E-04	3.07E-04	3.03E-04	2.42E-04	2.11E-04	3.87E-04	2.70E-04	2.51E-04	2.88E-04	2.75E-04	2.82E-04	2.14E-04	3.51E-04	
Cadmium	4.82E-04	3.55E-04	3.84E-04	2.37E-04	6.31E-04	2.85E-04	2.38E-04	1.95E-04	1.46E-04	3.20E-04	3.61E-04	1.89E-04	2.02E-04	4.92E-04	1.99E-04	2.59E-04	2.24E-04	2.04E-04	3.11E-04	2.83E-04	1.29E-04	6.76E-04	4.53E-04	5.73E-04	5.87E-04	3.74E-04	4.83E-04	2.04E-04	4.77E-04	4.59E-04	2.81E-04	3.02E-04	7.14E-04	7.16E-04	6.94E-04	
Carbon tetrachloride	2.71E-04	2.34E-04	2.14E-04	1.39E-04	1.22E-04	2.47E-04	1.79E-04	2.36E-04	2.62E-04	2.79E-04	2.12E-04	2.53E-04	3.11E-04	1.92E-04	1.78E-04	1.65E-04	1.44E-04	2.68E-04	2.48E-04	1.24E-04	1.96E-04	2.34E-04	2.39E-04	2.06E-04	2.04E-04	1.62E-04	1.42E-04	2.60E-04	1.82E-04	1.69E-04	1.94E-04	1.85E-04	1.90E-04	1.44E-04	2.36E-04	
Chlorobenzene	2.44E-03	2.10E-03	1.92E-03	1.25E-03	1.09E-03	2.22E-03	1.61E-03	2.12E-03	2.36E-03	2.51E-03	1.90E-03	2.27E-03	2.79E-03	1.73E-03	1.60E-03	1.49E-03	1.29E-03	2.41E-03	2.23E-03	1.12E-03	1.76E-03	2.11E-03	2.15E-03	1.85E-03	1.83E-03	1.46E-03	1.28E-03	2.34E-03	1.63E-03	1.52E-03	1.74E-03	1.67E-03	1.71E-03	1.29E-03	2.12E-03	
Chloroform	1.26E-04	1.09E-04	9.95E-05	6.47E-05	5.66E-05	1.15E-04	8.33E-05	1.10E-04	1.22E-04	1.30E-04	9.84E-05	1.18E-04	1.45E-04	8.95E-05	8.28E-05	7.69E-05	6.68E-05	1.25E-04	1.15E-04	5.77E-05	9.12E-05	1.09E-04	1.11E-04	9.59E-05	9.48E-05	7.56E-05	6.61E-05	1.21E-04	8.45E-05	7.85E-05	9.01E-05	8.62E-05	8.82E-05	6.68E-05	1.10E-04	
Chromium, hexavalent	1.01E-03	7.89E-04	1.56E-03	6.93E-04	7.99E-04	6.99E-04	5.05E-04	5.69E-04	3.70E-04	7.22E-04	7.10E-04	4.52E-04	3.46E-04	5.25E-04	4.31E-04	3.14E-04	2.90E-04	6.22E-04	5.59E-04	5.77E-04	3.09E-04	9.36E-04	1.15E-03	7.62E-04	8.55E-04	8.40E-04	4.52E-04	4.72E-04	9.64E-04	8.70E-04	6.26E-04	6.31E-04	6.82E-04	1.08E-03	9.67E-04	
Chrysene	1.70E-07	1.46E-07	1.34E-07	8.71E-08	7.62E-08	1.55E-07	1.12E-07	1.48E-07	1.64E-07	1.75E-07	1.33E-07	1.68E-07	1.95E-07	1.21E-07	1.11E-07	1.04E-07	8.99E-08	1.68E-07	1.55E-07	7.77E-08	1.23E-07	1.47E-07	1.60E-07	1.29E-07	1.28E-07	1.02E-07	8.89E-08	1.14E-07	1.16E-07	1.82E-07	1.90E-07	1.00E-07	1.48E-07			
Copper	7.91E-03	5.77E-03	1.45E-02	5.51E-03	1.07E-02	4.32E-03	3.52E-03	3.20E-03	2.33E-03	5.21E-03	5.77E-03	3.07E-03	3.44E-03	7.31E-03	3.08E-03	3.77E-03	3.26E-03	3.25E-03	5.05E-03	4.62E-03	2.02E-03	1.08E-02	7.39E-03	8.63E-03	9.19E-03	6.95E-03	7.28E-03	3.21E-03	7.39E-03	7.08E-03	4.39E-03	4.89E-03	1.13E-02	1.22E-02	1.11E-02	
Crystalline silica (respirable)	1.00E+00	6.19E-01	1.41E+00	4.90E-01	1.39E+00	4.48E-01	4.24E-01	2.23E-01	2.18E-01	6.09E-01	5.08E-01	3.32E-01	5.67E-01	1.04E+00	3.01E-01	5.44E-01	3.25E-01	2.99E-01	5.53E-01	4.25E-01	1.96E-01	1.02E+00	7.99E-01	5.84E-01	1.19E+00	3.56E-01	7.92E-01	7.93E-01	4.45E-01	5.46E-01	1.75E+00	1.48E+00	1.16E+00	1.68E+00		
Dibenz[a,h]anthracene	1.30E-09	1.12E-09	1.02E-09	6.64E-10	5.81E-10	1.18E-09	8.55E-10	1.13E-09	1.25E-09	1.33E-09	1.01E-09	1.21E-09	1.48E-09	9.19E-10	1.28E-09	1.18E-09	1.02E-09	1.28E-09	1.18E-09	5.92E-10	9.36E-10	1.12E-09	1.14E-09	9.85E-10	9.73E-10	7.76E-10	6.78E-10	1.24E-09	8.68E-10	8.05E-10	9.25E-10	8.84E-10	9.06E-10	6.86E-10	1.13E-09	
p-Dichlorobenzene	2.59E-04	2.23E-04	2.04E-04	1.33E-04	1.16E-04	2.36E-04	1.71E-04	2.26E-04	2.50E-04	2.66E-04	2.02E-04	2.41E-04	2.97E-04	1.84E-04	1.70E-04	1.58E-04	1.37E-04	2.56E-04	2.37E-04	1.18E-04	1.87E-04	2.24E-04	2.29E-04	1.97E-04	1.95E-04	1.55E-04	1.36E-04	2.48E-04	1.74E-04	1.61E-04	1.85E-04	1.77E-04	1.81E-04	1.37E-04	2.25E-04	
1,1-Dichloroethane	8.71E-05	7.50E-05	6.87E-05	4.48E-05	3.90E-05	7.93E-05	5.75E-05	6.88E-05	8.41E-05	8.69E-05	6.79E-05	8.11E-05	9.98E-05	6.18E-05	5.71E-05	5.31E-05	4.61E-05	8.60E-05	7.95E-05	3.98E-05	6.29E-05	7.52E-05	7.69E-05	6.62E-05	6.54E-05	5.22E-05	4.56E-05	8.34E-05	5.83E-05	5.41E-05	6.22E-05	5.94E-05	6.09E-05	4.61E-05	7.57E-05	
1,2-Dichloropropane	1.20E-04	1.03E-04	9.42E-05	6.13E-05	5.36E-05	1.09E-04	7.89E-05	1.04E-04	1.15E-04	1.23E-04	9.32E-05	1.11E-04	1.37E-04	8.48E-05	7.84E-05	7.28E-05	6.33E-05	1.18E-04	1.09E-04	5.47E-05	8.64E-05	1.03E-04	1.06E-04	9.08E-05	8.97E-05	7.16E-05	6.26E-05	1.15E-04	8.00E-05	7.43E-05	8.54E-05	8.16E-05	8.36E-05	6.33E-05	1.04E-04	
1,3-Dichloropropane	4.89E-04	4.21E-04	3.85E-04	2.50E-04	2.19E-04	4.45E-04	3.23E-04	4.72E-04	5.02E-04	3.81E-04	4.55E-04	5.60E-04	3.46E-04	3.20E-04	2.98E-04	2.59E-04	4.82E-04	4.46E-04	2.23E-04	3.53E-04	4.32E-04	4.31E-04	3.71E-04	3.67E-04	2.93E-04	2.56E-04	4.68E-04	3.27E-04	3.04E-04	3.49E-04	3.49E-04	2.59E-04	4.25E-04			
Diesel particulate matter	8.33E+00	3.83E+00	7.55E+00	5.36E+00	4.14E+00	4.64E+00	3.38E+00	2.62E+00	7.66E-01	4.24E+00	8.54E+00	8.36E-0																								

**APPENDIX E-2**  
**SUMMARY OF MAXIMUM HOURLY CONCENTRATIONS AT KEY OFF-SITE RECEPTORS - CURRENT FACILITY CONFIGURATION**  
 Lehigh Southwest Cement Company  
 Cupertino, Facility

Chemical	Key Receptors																												
	36	37	38	39	40	41	42	43	44	45	46	47	48	54	63	65	1637	1716	11396	12566	13886	29527	30151	30292	30451	30513	30954	30955	30956
	School	School	School	School	School	School	School	School	School	School	School	School	School	School	MEIW- Acute Future	Ranger Residence	MEIW	PMI - Acute	PMI - Cancer/ chronic	MEIR - Acute Current	MEIR - Acute Future	MEIR - Cancer/ chronic	CS 508303	CS 507401	CS 508001	CS 508304	CS 508403	CS 511703	CS 511702
Acetaldehyde	3.27E-03	4.94E-03	5.42E-03	3.73E-03	4.12E-03	4.01E-03	4.83E-03	4.58E-03	5.12E-03	3.33E-03	4.85E-03	5.62E-03	4.11E-03	7.13E-03	7.25E-03	1.17E-02	8.90E-03	1.00E-02	8.94E-03	5.82E-03	8.54E-03	2.90E-03	3.98E-03	3.91E-03	2.68E-03	2.84E-03	6.39E-03	4.49E-03	6.06E-03
Acrolein	1.27E-04	1.91E-04	2.10E-04	1.45E-04	1.60E-04	1.56E-04	1.87E-04	1.77E-04	1.98E-04	1.29E-04	1.88E-04	2.14E-04	1.59E-04	2.76E-04	2.81E-04	4.55E-04	3.45E-04	3.89E-04	3.46E-04	2.25E-04	3.31E-04	1.12E-04	1.54E-04	1.51E-04	1.04E-04	1.10E-04	2.47E-04	1.74E-04	2.35E-04
Arsenic	8.45E-04	4.40E-04	8.92E-04	5.10E-04	4.69E-04	5.64E-04	5.48E-04	6.01E-04	7.51E-04	1.14E-03	4.86E-04	2.27E-03	9.74E-04	3.38E-03	2.92E-03	2.97E-03	4.48E-03	4.78E-03	1.89E-03	2.95E-03	3.21E-03	5.49E-04	1.67E-04	8.32E-04	4.00E-04	5.46E-04	1.10E-03	1.85E-03	1.07E-03
Benz[a]anthracene	3.70E-08	5.59E-08	6.13E-08	4.22E-08	4.66E-08	4.54E-08	5.46E-08	5.18E-08	5.79E-08	3.77E-08	5.49E-08	6.24E-08	4.65E-08	8.06E-08	8.20E-08	1.33E-07	1.01E-07	1.14E-07	1.01E-07	6.58E-08	9.66E-08	3.28E-08	4.50E-08	4.42E-08	3.04E-08	4.22E-08	7.22E-08	5.07E-08	6.85E-08
Benzene	4.53E-02	6.85E-02	7.52E-02	5.18E-02	5.72E-02	5.57E-02	6.69E-02	6.35E-02	7.10E-02	4.63E-02	6.73E-02	7.65E-02	5.70E-02	9.89E-02	1.01E-01	1.63E-01	1.20E-01	1.39E-01	1.24E-01	8.07E-02	1.18E-01	4.02E-02	5.52E-02	5.42E-02	3.72E-02	3.93E-02	8.86E-02	6.23E-02	8.40E-02
Benzo[a]pyrene	8.31E-10	1.26E-09	1.38E-09	9.49E-10	1.05E-09	1.02E-09	1.23E-09	1.16E-09	1.30E-09	8.48E-10	1.23E-09	1.40E-09	1.04E-09	1.81E-09	1.84E-09	2.98E-09	2.26E-09	2.55E-09	2.27E-09	1.48E-09	2.17E-09	7.37E-10	1.01E-09	9.93E-10	6.82E-10	7.21E-10	1.62E-09	1.14E-09	1.54E-09
Benzo[b]fluoranthene	5.27E-09	7.97E-09	8.75E-09	6.02E-09	6.65E-09	6.47E-09	7.78E-09	7.38E-09	8.25E-09	5.38E-09	7.83E-09	8.90E-09	6.63E-09	1.15E-08	1.17E-08	1.89E-08	1.43E-08	1.62E-08	1.44E-08	9.38E-09	1.38E-08	4.68E-09	6.42E-09	6.31E-09	4.33E-09	4.58E-09	1.03E-08	7.24E-09	9.77E-09
Benzo[k]fluoranthene	8.31E-10	1.26E-09	1.38E-09	9.49E-10	1.05E-09	1.02E-09	1.23E-09	1.16E-09	1.30E-09	8.48E-10	1.23E-09	1.40E-09	1.04E-09	1.81E-09	1.84E-09	2.98E-09	2.26E-09	2.55E-09	2.27E-09	1.48E-09	2.17E-09	7.37E-10	1.01E-09	9.93E-10	6.82E-10	7.21E-10	1.62E-09	1.14E-09	1.54E-09
Benzyl chloride	2.86E-04	4.32E-04	4.75E-04	3.27E-04	3.61E-04	3.51E-04	4.22E-04	4.01E-04	4.48E-04	2.92E-04	4.25E-04	4.83E-04	3.60E-04	6.24E-04	6.34E-04	1.03E-03	7.78E-04	8.78E-04	7.82E-04	5.09E-04	7.47E-04	2.54E-04	3.48E-04	3.42E-04	2.35E-04	2.48E-04	5.59E-04	3.93E-04	5.30E-04
Beryllium	2.68E-04	1.15E-04	2.27E-04	1.20E-04	1.10E-04	1.45E-04	1.31E-04	1.70E-04	1.85E-04	2.81E-04	1.25E-04	5.83E-04	2.31E-04	8.44E-04	7.89E-04	7.78E-04	1.12E-03	9.71E-04	4.11E-04	7.50E-04	8.72E-04	1.45E-04	4.13E-05	2.19E-04	1.02E-04	1.35E-04	3.07E-04	4.83E-04	2.63E-04
1,3-Butadiene	2.59E-04	3.91E-04	4.29E-04	2.95E-04	3.26E-04	3.18E-04	3.82E-04	3.62E-04	4.05E-04	2.64E-04	3.84E-04	4.37E-04	3.25E-04	5.65E-04	5.74E-04	9.30E-04	7.04E-04	7.95E-04	7.08E-04	4.60E-04	6.76E-04	2.30E-04	3.15E-04	3.09E-04	2.13E-04	2.25E-04	5.05E-04	3.55E-04	4.79E-04
Cadmium	4.88E-04	1.97E-04	4.13E-04	2.24E-04	2.04E-04	2.62E-04	2.41E-04	2.82E-04	3.39E-04	5.06E-04	2.24E-04	1.12E-03	4.35E-04	1.61E-03	1.50E-03	1.40E-03	2.04E-03	1.94E-03	7.72E-04	1.36E-03	1.58E-03	2.59E-04	7.45E-05	3.96E-04	1.84E-04	2.56E-04	5.49E-04	9.27E-04	4.68E-04
Carbon tetrachloride	1.74E-04	2.63E-04	2.89E-04	1.99E-04	2.19E-04	2.14E-04	2.57E-04	2.44E-04	2.72E-04	1.77E-04	2.58E-04	2.93E-04	2.19E-04	3.79E-04	3.86E-04	6.25E-04	4.73E-04	5.34E-04	4.76E-04	3.09E-04	4.54E-04	1.54E-04	2.12E-04	2.08E-04	1.43E-04	1.51E-04	3.40E-04	2.39E-04	3.22E-04
Chlorobenzene	1.56E-03	2.36E-03	2.60E-03	1.79E-03	1.97E-03	1.92E-03	2.31E-03	2.19E-03	2.45E-03	1.60E-03	2.32E-03	2.64E-03	1.97E-03	3.41E-03	3.47E-03	5.62E-03	4.26E-03	4.80E-03	4.28E-03	2.78E-03	4.09E-03	1.39E-03	1.91E-03	1.87E-03	1.28E-03	1.36E-03	3.06E-03	2.15E-03	2.90E-03
Chloroform	8.09E-05	1.22E-04	1.34E-04	9.24E-05	1.02E-04	9.94E-05	1.19E-04	1.13E-04	1.27E-04	8.26E-05	1.20E-04	1.37E-04	1.02E-04	1.77E-04	1.79E-04	2.91E-04	2.20E-04	2.49E-04	2.21E-04	1.44E-04	2.11E-04	7.18E-05	9.86E-05	9.68E-05	6.65E-05	7.02E-05	1.58E-04	1.11E-04	1.50E-04
Chromium, hexavalent	4.00E-04	5.01E-04	9.23E-04	5.44E-04	5.62E-04	6.17E-04	5.74E-04	5.14E-04	8.03E-04	1.15E-03	4.30E-04	1.72E-03	8.74E-04	2.62E-03	2.18E-03	2.49E-03	3.53E-03	4.31E-03	2.08E-03	2.75E-03	2.50E-03	5.42E-04	1.66E-04	4.26E-04	3.77E-04	4.40E-04	9.95E-04	1.31E-03	1.36E-03
Chrysene	1.09E-07	1.65E-07	1.81E-07	1.24E-07	1.37E-07	1.34E-07	1.61E-07	1.53E-07	1.71E-07	1.17E-07	1.62E-07	1.84E-07	1.37E-07	2.38E-07	2.42E-07	3.91E-07	2.97E-07	2.97E-07	2.98E-07	1.94E-07	2.98E-07	9.67E-08	1.33E-07	1.30E-07	8.95E-08	9.46E-08	2.13E-07	1.50E-07	2.02E-07
Copper	7.60E-03	3.13E-03	6.73E-03	3.55E-03	3.25E-03	3.95E-03	3.91E-03	4.55E-03	5.47E-03	7.98E-03	3.70E-03	1.77E-02	7.02E-03	2.64E-02	2.33E-02	2.20E-02	3.27E-02	3.40E-02	1.25E-02	2.18E-02	2.48E-02	4.10E-03	1.19E-03	6.74E-03	2.95E-03	4.03E-03	8.84E-03	1.45E-02	7.19E-03
Crystalline silica (respirable)	1.25E+00	3.34E-01	8.36E-01	3.25E-01	3.00E-01	4.04E-01	3.98E-01	4.99E-01	6.12E-01	7.19E-01	4.72E-01	3.91E+00	6.30E-01	3.01E+00	2.95E+00	2.17E+00	3.11E+00	2.54E+00	8.52E-01	2.48E+00	2.92E+00	4.58E-01	1.20E-01	8.30E-01	3.40E-01	3.89E-01	1.33E+00	1.59E+00	6.25E-01
Dibenz[a,h]anthracene	8.31E-10	1.26E-09	1.38E-09	9.49E-10	1.05E-09	1.02E-09	1.23E-09	1.16E-09	1.30E-09	8.48E-10	1.23E-09	1.40E-09	1.04E-09	1.81E-09	1.84E-09	2.98E-09	2.26E-09	2.55E-09	2.27E-09	1.48E-09	2.17E-09	7.37E-10	1.01E-09	9.93E-10	6.82E-10	7.21E-10	1.62E-09	1.14E-09	1.54E-09
p-Dichlorobenzene	1.66E-04	2.51E-04	2.76E-04	1.90E-04	2.10E-04	2.04E-04	2.45E-04	2.33E-04	2.60E-04	1.70E-04	2.47E-04	2.80E-04	2.09E-04	3.62E-04	3.68E-04	5.97E-04	4.52E-04	5.10E-04	4.54E-04	2.96E-04	4.34E-04	1.47E-04	2.02E-04	1.99E-04	1.36E-04	1.44E-04	3.25E-04	2.28E-04	3.08E-04
1,1-Dichloroethane	5.58E-05	8.44E-05	9.26E-05	6.38E-05	7.04E-05	6.86E-05	8.24E-05	7.82E-05	8.74E-05	5.70E-05	8.29E-05	9.42E-05	7.02E-05	1.22E-04	1.24E-04	2.01E-04	1.52E-04	1.72E-04	1.53E-04	9.93E-05	1.46E-04	4.95E-05	6.80E-05	6.68E-05	4.59E-05	4.85E-05	1.09E-04	7.66E-05	1.03E-04
1,2-Dichloropropane	7.67E-05	1.16E-04	1.27E-04	8.75E-05	9.67E-05	9.41E-05	1.13E-04	1.07E-04	1.20E-04	7.82E-05	1.14E-04	1.29E-04	9.64E-05	1.67E-04	1.70E-04	2.75E-04	2.09E-04	2.35E-04	2.10E-04	1.36E-04	2.00E-04	6.80E-05	9.34E-05	9.17E-05	6.30E-05	6.65E-05	1.50E-04	1.05E-04	1.42E-04
1,3-Dichloropropane	3.13E-04	4.73E-04	5.20E-04	3.58E-04	3.95E-04	3.85E-04	4.62E-04	4.39E-04	4.99E-04	3.20E-04	4.65E-04	5.29E-04	3.94E-04	6.95E-04	7.13E-04	1.13E-03	8.52E-04	9.62E-04	8.57E-04	5.57E-04	8.18E-04	2.78E-04	3.82E-04	3.75E-04	2.57E-04	2.72E-04	6.12E-04	4.30E-04	5.80E-04
Diesel particulate matter	3.14E+00	4.86E+00	1.65E+01	9.38E-01	8.92E-01	4.63E+00	9.52E+00	3.58E+00	9.81E+00	4.79E+00	7.29E+00	1.18E+01	9.64E+00	1.41E+01	1.29E+01	2.27E+01	4.92E+01	2.09E+01	1.14E+01	1.43E+01	1.27E+01	8.16E+00	1.26E+00	2.75E+00	3.01E+00	5.47E+00	9.68E+00	1.14E+01	9.87E+00
Ethyl chloride (Chloroethane)	1.09E-04	1.65E-04	1.81E-04	1.25E-04	1.38E-04	1.34E-04	1.61E-04	1.53E-04	1.71E-04	1.12E-04	1.62E-04	1.85E-04	1.38E-04	2.39E-04	2.42E-04	3.93E-04	2.98E-04	3.36E-04	2.99E-04	1.95E-04	2.86E-04	9.70E-05	1.33E-04	1.31E-04	8.98E-05	9.49E-05	2.14E-04	1.50E-04	2.03E-04
Ethyl benzene	2.70E-03	4.09E-03	4.49E-03	3.09E-03	3.41E-03	3.32E-03	3.99E-03	3.79E-03	4.23E-03	2.76E-03	4.02E-03	4.56E-03	3.40E-03	5.90E-03	6.00E-03	9.71E-03	7.36E-03	8.31E-03	7.40E-03	4.81E-03	7.07E-03	2.40E-03	3.29E-03	3.23E-03	2.22E-03	2.35E-03	5.28E-03	3.71E-03	5.01E-03
Ethylene dibromide (EDB)	1.70E-04	2.57E-04	2.82E-04	1.94E-04	2.14E-04	2.09E-04	2.51E-04	2.38E-04	2.66E-04	1.73E-04	2.52E-04	2.87E-04	2.14E-04	3.71E-04	3.77E-04	6.10E-04	4.62E-04	5.22E-04	4.65E-04	3.02E-04	4.44E-04	1.51E-04	2.07E-04	2.03E-04	1.39E-04	1.47E-04	3.32E-04	2.33E-04	3.15E-04
Ethylene dichloride (EDC)	6.71E-05	1.01E-04	1.11E-04	7.66E-05	8.47E-05	8.24E-05	9.91E-05	9.40E-05	1.05E-04	6.85E-05	9.97E-05	1.13E-04	8.44E-05	1.46E-04	1.49E-04	2.41E-04	1.83E-04	2.02E-04	1.84E-04	1.19E-04	1.75E-04	5.96E-05	8.18E-05	8.03E-05	5.51E-05	5.83E-05	1.31E-04	9.21E-05	1.24E-04
Formaldehyde	1.78E-04	2.69E-04	2.95E-04	2.03E-04	2.25E-04	2.19E-04	2.63E-04	2.49E-04	2.79E-04	1.82																			