

**APPENDIX E-1**  
**SUMMARY OF ANNUAL AVERAGE CONCENTRATIONS AT KEY OFF-SITE RECEPTORS**  
 Lehigh Southwest Cement Company  
 Cupertino Facility

Chemical	Key Receptors																																				
	1	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	36	
	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	Preschool	School-Age Care	School	School	School	School	School	School	School	School	School
Acetaldehyde	9.13E-05	7.91E-05	1.89E-04	1.00E-04	1.09E-04	1.14E-04	8.74E-05	1.04E-04	5.78E-05	8.45E-05	6.74E-05	5.43E-05	7.04E-05	6.06E-05	6.38E-05	6.97E-05	7.41E-05	6.81E-05	6.17E-05	9.36E-05	7.06E-05	6.60E-05	1.23E-04	7.37E-05	6.94E-05	1.17E-04	8.81E-05	7.09E-05	7.91E-05	7.99E-05	6.98E-05	7.06E-05	1.43E-04	1.38E-04	6.21E-05	8.29E-05	
Acrolein	3.56E-06	3.08E-06	7.36E-06	3.89E-06	4.25E-06	4.42E-06	3.41E-06	4.07E-06	2.25E-06	3.30E-06	2.63E-06	2.12E-06	2.75E-06	2.36E-06	2.48E-06	2.72E-06	2.89E-06	2.65E-06	2.41E-06	3.65E-06	2.75E-06	2.57E-06	4.77E-06	2.87E-06	2.70E-06	4.54E-06	3.44E-06	2.76E-06	3.08E-06	3.10E-06	2.72E-06	2.75E-06	5.55E-06	5.37E-06	2.42E-06	3.23E-06	
Arsenic	8.53E-06	5.32E-06	1.52E-05	6.58E-06	5.52E-06	6.01E-06	4.19E-06	2.00E-06	3.11E-06	5.98E-06	4.53E-06	3.06E-06	2.93E-06	3.42E-06	3.72E-06	3.00E-06	3.25E-06	4.42E-06	3.46E-06	5.57E-06	3.13E-06	4.28E-06	9.13E-06	4.47E-06	4.34E-06	8.09E-06	4.09E-06	3.86E-06	5.47E-06	5.32E-06	4.22E-06	4.45E-06	7.18E-06	7.96E-06	4.39E-06	3.74E-06	
Benz[a]anthracene	1.04E-09	9.01E-10	2.15E-09	1.14E-09	1.24E-09	1.29E-09	9.93E-10	1.19E-09	6.57E-10	9.61E-10	7.67E-10	6.16E-10	8.01E-10	6.88E-10	7.72E-10	7.95E-10	8.42E-10	7.75E-10	7.02E-10	1.06E-09	8.01E-10	7.52E-10	1.39E-09	8.39E-10	7.88E-10	1.33E-09	1.00E-09	8.07E-10	8.99E-10	9.05E-10	7.95E-10	8.03E-10	1.63E-09	1.56E-09	7.05E-10	9.42E-10	
Benzene	1.12E-03	9.67E-04	2.30E-03	1.22E-03	1.33E-03	1.39E-03	1.07E-03	1.27E-03	7.06E-04	1.03E-03	8.21E-04	6.62E-04	8.60E-04	7.39E-04	7.77E-04	8.52E-04	9.05E-04	8.33E-04	7.55E-04	1.14E-03	8.60E-04	8.08E-04	1.50E-03	9.00E-04	8.45E-04	1.42E-03	1.08E-03	8.66E-04	9.64E-04	9.72E-04	8.52E-04	8.62E-04	1.74E-03	1.68E-03	7.58E-04	1.01E-03	
Benzo[a]pyrene	2.34E-11	2.02E-11	4.83E-11	2.56E-11	2.79E-11	2.90E-11	2.24E-11	2.66E-11	1.48E-11	2.16E-11	1.72E-11	1.39E-11	1.80E-11	1.55E-11	1.62E-11	1.78E-11	1.89E-11	1.74E-11	1.58E-11	2.39E-11	1.80E-11	1.69E-11	3.13E-11	1.88E-11	1.77E-11	2.97E-11	2.25E-11	1.81E-11	2.02E-11	2.03E-11	1.78E-11	1.80E-11	3.65E-11	3.51E-11	1.59E-11	2.12E-11	
Benzo[b]fluoranthene	1.48E-10	1.28E-10	3.07E-10	1.62E-10	1.77E-10	1.84E-10	1.42E-10	1.69E-10	9.36E-11	1.37E-10	1.09E-10	8.81E-11	1.14E-10	9.82E-11	1.03E-10	1.13E-10	1.20E-10	1.11E-10	1.00E-10	1.52E-10	1.14E-10	1.07E-10	1.99E-10	1.20E-10	1.12E-10	1.89E-10	1.43E-10	1.15E-10	1.28E-10	1.29E-10	1.13E-10	1.15E-10	2.32E-10	2.23E-10	1.01E-10	1.34E-10	
Benzo[k]fluoranthene	2.34E-11	2.02E-11	4.83E-11	2.56E-11	2.79E-11	2.90E-11	2.24E-11	2.66E-11	1.48E-11	2.16E-11	1.72E-11	1.39E-11	1.80E-11	1.55E-11	1.62E-11	1.78E-11	1.89E-11	1.74E-11	1.58E-11	2.39E-11	1.80E-11	1.69E-11	3.13E-11	1.88E-11	1.77E-11	2.97E-11	2.25E-11	1.81E-11	2.02E-11	2.03E-11	1.78E-11	1.80E-11	3.65E-11	3.51E-11	1.59E-11	2.12E-11	
Benzyl chloride	8.04E-06	6.95E-06	1.66E-05	8.79E-06	9.60E-06	9.97E-06	7.69E-06	9.17E-06	5.08E-06	7.44E-06	5.93E-06	4.77E-06	6.20E-06	5.33E-06	5.59E-06	6.15E-06	6.51E-06	5.99E-06	5.43E-06	8.22E-06	6.19E-06	5.81E-06	1.08E-05	6.48E-06	6.09E-06	1.03E-05	7.76E-06	6.22E-06	6.95E-06	6.99E-06	6.13E-06	6.21E-06	1.26E-05	1.21E-05	5.47E-06	7.29E-06	
Beryllium	2.24E-06	1.40E-06	4.07E-06	1.72E-06	1.43E-06	1.63E-06	1.12E-06	5.18E-07	8.07E-07	1.57E-06	1.19E-06	7.92E-07	8.05E-07	9.15E-07	9.74E-07	7.87E-07	8.60E-07	1.15E-06	1.15E-06	9.02E-07	1.45E-06	8.40E-07	1.12E-06	2.41E-06	1.19E-06	1.16E-06	2.14E-06	1.01E-06	1.44E-06	1.41E-06	1.12E-06	1.17E-06	1.90E-06	2.09E-06	1.15E-06	9.80E-07	
1,3-Butadiene	7.28E-06	6.30E-06	1.50E-05	7.97E-06	8.67E-06	9.03E-06	6.95E-06	8.30E-06	4.60E-06	6.72E-06	5.36E-06	4.31E-06	5.61E-06	4.82E-06	5.05E-06	5.55E-06	5.89E-06	5.43E-06	5.56E-06	7.45E-06	5.61E-06	5.26E-06	9.75E-06	5.86E-06	5.52E-06	9.27E-06	7.00E-06	5.62E-06	6.29E-06	6.34E-06	5.55E-06	5.61E-06	1.14E-05	1.09E-05	4.94E-06	6.59E-06	
Cadmium	4.08E-06	2.55E-06	7.32E-06	3.13E-06	2.61E-06	2.96E-06	2.05E-06	9.54E-07	1.47E-06	2.86E-06	2.17E-06	1.45E-06	1.46E-06	1.47E-06	1.78E-06	1.64E-06	1.57E-06	2.10E-06	1.62E-06	2.64E-06	2.64E-06	2.05E-06	4.38E-06	2.17E-06	2.11E-06	3.88E-06	2.07E-06	1.84E-06	2.63E-06	2.56E-06	2.04E-06	2.14E-06	3.45E-06	3.79E-06	2.11E-06	1.79E-06	
Carbon tetrachloride	4.88E-06	4.22E-06	1.01E-05	5.33E-06	5.83E-06	6.05E-06	4.66E-06	5.57E-06	3.08E-06	4.51E-06	3.60E-06	2.90E-06	3.76E-06	3.23E-06	3.39E-06	3.73E-06	3.95E-06	3.64E-06	3.39E-06	5.00E-06	3.76E-06	3.53E-06	6.53E-06	3.93E-06	3.70E-06	6.24E-06	4.70E-06	3.78E-06	4.22E-06	4.25E-06	3.72E-06	3.77E-06	7.62E-06	7.34E-06	3.31E-06	4.42E-06	
Chlorobenzene	4.39E-05	3.80E-05	9.08E-05	4.81E-05	5.24E-05	5.47E-05	4.21E-05	5.02E-05	2.77E-05	4.06E-05	3.23E-05	2.61E-05	3.38E-05	2.91E-05	3.08E-05	3.35E-05	3.56E-05	3.27E-05	2.97E-05	4.50E-05	3.79E-05	3.18E-05	5.89E-05	3.54E-05	3.34E-05	5.61E-05	4.24E-05	3.41E-05	3.79E-05	3.92E-05	3.36E-05	3.39E-05	6.87E-05	6.61E-05	2.98E-05	3.99E-05	
Chloroform	2.28E-06	1.97E-06	4.69E-06	2.48E-06	2.71E-06	2.82E-06	2.18E-06	2.60E-06	1.44E-06	2.10E-06	1.68E-06	1.35E-06	1.75E-06	1.51E-06	1.58E-06	1.74E-06	1.84E-06	1.69E-06	1.54E-06	2.33E-06	1.79E-06	1.64E-06	3.04E-06	1.83E-06	1.72E-06	2.90E-06	2.19E-06	1.76E-06	1.97E-06	1.98E-06	1.74E-06	1.76E-06	3.56E-06	3.42E-06	1.54E-06	2.06E-06	
Chromium, hexavalent	8.67E-06	5.24E-06	1.54E-05	6.60E-06	5.40E-06	5.56E-06	3.86E-06	1.64E-06	2.91E-06	5.92E-06	4.38E-06	2.92E-06	2.33E-06	2.89E-06	3.56E-06	2.75E-06	2.97E-06	4.28E-06	3.30E-06	5.47E-06	2.76E-06	3.97E-06	8.90E-06	3.93E-06	3.75E-06	7.94E-06	3.83E-06	3.59E-06	5.25E-06	5.04E-06	3.89E-06	4.34E-06	6.99E-06	8.10E-06	4.11E-06	3.47E-06	
Chrysene	3.06E-09	2.66E-09	6.32E-09	3.35E-09	3.66E-09	3.80E-09	2.93E-09	3.50E-09	1.93E-09	2.83E-09	2.26E-09	1.82E-09	2.36E-09	2.03E-09	2.13E-09	2.34E-09	2.48E-09	2.36E-09	2.07E-09	3.14E-09	2.47E-09	2.33E-09	2.97E-09	2.47E-09	2.33E-09	3.90E-09	2.98E-09	2.37E-09	2.65E-09	2.67E-09	2.34E-09	2.36E-09	4.79E-09	4.61E-09	2.08E-09	2.77E-09	
Copper	6.80E-05	4.25E-05	1.21E-04	5.19E-05	4.30E-05	4.83E-05	3.34E-05	1.60E-05	2.45E-05	4.73E-05	3.61E-05	2.40E-05	2.44E-05	2.78E-05	2.95E-05	2.35E-05	2.57E-05	3.50E-05	2.74E-05	4.36E-05	2.51E-05	3.43E-05	6.32E-05	3.62E-05	3.53E-05	6.43E-05	3.24E-05	3.04E-05	4.37E-05	4.26E-05	3.38E-05	3.55E-05	5.67E-05	6.25E-05	3.52E-05	2.94E-05	
Crystalline silica	8.57E-03	5.41E-03	1.51E-02	6.42E-03	5.19E-03	6.27E-03	4.26E-03	1.98E-03	3.07E-03	6.42E-03	4.58E-03	3.01E-03	3.45E-03	3.72E-03	3.72E-03	2.90E-03	3.24E-03	4.50E-03	3.52E-03	4.36E-03	5.32E-03	4.46E-03	8.32E-03	4.85E-03	4.71E-03	7.98E-03	4.85E-03	3.85E-03	5.56E-03	5.41E-03	4.31E-03	4.51E-03	7.08E-03	7.65E-03	4.62E-03	3.63E-03	
Dibenz[a,h]anthracene	2.34E-11	2.02E-11	4.83E-11	2.56E-11	2.79E-11	2.90E-11	2.24E-11	2.66E-11	1.48E-11	2.16E-11	1.72E-11	1.39E-11	1.80E-11	1.55E-11	1.62E-11	1.78E-11	1.89E-11	1.74E-11	1.58E-11	2.39E-11	1.80E-11	1.69E-11	3.13E-11	1.88E-11	1.77E-11	2.97E-11	2.25E-11	1.81E-11	2.02E-11	2.03E-11	1.78E-11	1.80E-11	3.65E-11	3.51E-11	1.59E-11	2.12E-11	
p-Dichlorobenzene	4.67E-06	4.04E-06	9.62E-06	5.10E-06	5.57E-06	5.79E-06	4.46E-06	5.32E-06	2.95E-06	4.31E-06	3.44E-06	2.95E-06	3.59E-06	3.09E-06	3.24E-06	3.56E-06	3.78E-06	3.48E-06	3.15E-06	4.78E-06	3.60E-06	3.37E-06	6.25E-06	3.76E-06	3.54E-06	5.94E-06	4.50E-06	3.61E-06	4.03E-06	4.06E-06	3.56E-06	3.60E-06	7.20E-06	7.01E-06	3.19E-06	4.22E-06	
1,1-Dichloroethane	1.57E-06	1.36E-06	3.25E-06	1.72E-06	1.88E-06	1.95E-06	1.50E-06	1.80E-06	9.93E-07	1.45E-06	1.16E-06	9.34E-07	1.21E-06	1.04E-06	1.09E-06	1.20E-06	1.27E-06	1.17E-06	1.06E-06	1.61E-06	1.21E-06	1.14E-06	2.11E-06	1.27E-06	1.19E-06	2.01E-06	1.52E-06	1.22E-06	1.36E-06	1.37E-06	1.20E-06	1.21E-06	2.46E-06	2.36E-06	1.07E-06	1.43E-06	
1,2-Dichloropropane	2.15E-06	1.86E-06	4.44E-06	2.35E-06	2.56E-06	2.66E-06	2.05E-06	2.45E-06	1.36E-06	1.99E-06	1.58E-06	1.28E-06	1.66E-06	1.42E-06	1.49E-06	1.64E-06	1.74E-06	1.60E-06	1.45E-06	2.20E-06	1.66E-06	1.55E-06	2.88E-06	1.73E-06	1.63E-06	2.74E-06	2.07E-06	1.67E-06	1.86E-06	1.87E-06	1.64E-06	1.66E-06	3.35E-06	3.23E-06	1.46E-06	1.95E-06	
1,3-Dichloropropene	8.80E-06	7.63E-06	1.82E-05	9.63E-06	1.05E-05	1.09E-05	8.41E-06	1.00E-05	5.56E-06	8.13E-06	6.48E-06	5.22E-06	6.78E-06	5.83E-06	6.12E-06	6.72E-06	7.13E-06	6.57E-06	5.94E-06	9.03E-06	6.80E-06	6.36E-06	1.18E-05	7.08E-06	6.68E-06	1.12E-05	8.49E-06										

**APPENDIX E-1**  
**SUMMARY OF ANNUAL AVERAGE CONCENTRATIONS AT KEY OFF-SITE RECEPTORS**  
 Lehigh Southwest Cement Company  
 Cupertino Facility

Chemical	Key Receptors																											
	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	MEIW - Acute Future	Ranger Residence	MEIW - Cancer/Chronic/ Acute	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	Ranger Residence
Acetaldehyde	6.87E-05	1.08E-04	6.12E-05	6.83E-05	9.92E-05	6.72E-05	5.89E-05	8.39E-05	1.21E-04	6.01E-05	1.14E-04	7.67E-05	1.98E-04	1.87E-04	2.59E-04	3.48E-04	6.15E-04	3.42E-04	3.98E-04	3.40E-04	5.90E-05	5.28E-05	7.37E-05	5.49E-05	5.31E-05	1.22E-04	8.25E-05	2.08E-04
Acrolein	2.67E-06	4.22E-06	2.39E-06	2.66E-06	3.86E-06	2.62E-06	2.29E-06	3.27E-06	4.69E-06	2.35E-06	4.43E-06	2.98E-06	7.69E-06	7.26E-06	1.01E-05	1.35E-05	2.39E-05	1.33E-05	1.55E-05	1.32E-05	2.30E-06	2.06E-06	2.88E-06	2.14E-06	2.07E-06	4.75E-06	3.22E-06	8.10E-06
Arsenic	3.97E-06	8.42E-06	3.98E-06	4.29E-06	5.03E-06	4.09E-06	3.30E-06	6.62E-06	8.42E-06	3.40E-06	9.59E-06	5.50E-06	2.40E-05	2.13E-05	2.67E-05	4.31E-05	6.65E-05	1.22E-05	2.18E-05	3.07E-05	3.47E-06	1.97E-06	3.39E-06	2.91E-06	2.85E-06	8.31E-06	6.34E-06	1.17E-05
Benz[a]anthracene	7.79E-10	1.23E-09	6.97E-10	7.76E-10	1.13E-09	7.65E-10	6.69E-10	9.53E-10	1.37E-09	6.84E-10	1.29E-09	8.71E-10	2.25E-09	2.12E-09	2.94E-09	3.94E-09	6.99E-09	3.88E-09	4.53E-09	3.86E-09	6.71E-10	6.01E-10	8.40E-10	6.24E-10	6.03E-10	1.39E-09	9.40E-10	2.36E-09
Benzene	8.37E-04	1.32E-03	7.48E-04	8.34E-04	1.21E-03	8.23E-04	7.19E-04	1.02E-03	1.47E-03	7.34E-04	1.39E-03	9.35E-04	2.41E-03	2.28E-03	3.15E-03	4.24E-03	7.51E-03	4.16E-03	4.87E-03	4.14E-03	7.20E-04	6.44E-04	9.00E-04	6.69E-04	6.47E-04	1.49E-03	1.01E-03	2.53E-03
Benzo[a]pyrene	1.75E-11	2.77E-11	1.56E-11	1.74E-11	2.53E-11	1.72E-11	1.50E-11	2.14E-11	3.08E-11	1.54E-11	2.90E-11	1.95E-11	5.05E-11	4.77E-11	6.60E-11	8.87E-11	1.57E-10	8.74E-11	1.02E-10	8.69E-11	1.51E-11	1.35E-11	1.89E-11	1.40E-11	1.35E-11	3.12E-11	2.11E-11	5.31E-11
Benzo[b]fluoranthene	1.11E-10	1.76E-10	9.93E-11	1.11E-10	1.61E-10	1.09E-10	9.54E-11	1.36E-10	1.95E-10	9.75E-11	1.84E-10	1.24E-10	3.20E-10	3.03E-10	4.19E-10	5.65E-10	9.96E-10	5.54E-10	6.46E-10	5.52E-10	9.56E-11	8.56E-11	1.20E-10	8.88E-11	8.59E-11	1.97E-10	1.34E-10	3.37E-10
Benzo[k]fluoranthene	1.75E-11	2.77E-11	1.56E-11	1.74E-11	2.53E-11	1.72E-11	1.50E-11	2.14E-11	3.08E-11	1.54E-11	2.90E-11	1.95E-11	5.05E-11	4.77E-11	6.60E-11	8.87E-11	1.57E-10	8.74E-11	1.02E-10	8.69E-11	1.51E-11	1.35E-11	1.89E-11	1.40E-11	1.35E-11	3.12E-11	2.11E-11	5.31E-11
Benzyl chloride	6.03E-06	9.52E-06	5.39E-06	6.01E-06	8.70E-06	5.91E-06	5.17E-06	7.36E-06	1.06E-05	5.29E-06	9.99E-06	6.73E-06	1.74E-05	1.64E-05	2.27E-05	3.06E-05	5.40E-05	3.00E-05	3.50E-05	2.98E-05	5.19E-06	4.64E-06	6.50E-06	4.82E-06	4.66E-06	1.07E-05	7.26E-06	1.83E-05
Beryllium	1.04E-06	2.21E-06	1.03E-06	1.11E-06	1.35E-06	1.07E-06	8.00E-07	1.73E-06	2.26E-06	8.87E-07	2.53E-06	1.45E-06	6.23E-06	5.59E-06	7.41E-06	1.08E-05	1.35E-05	3.01E-06	5.91E-06	8.56E-06	9.17E-07	5.28E-07	8.79E-07	7.68E-07	7.45E-07	2.29E-06	1.67E-06	3.32E-06
1,3-Butadiene	5.47E-06	8.62E-06	4.87E-06	5.43E-06	7.89E-06	5.36E-06	4.68E-06	6.66E-06	9.57E-06	4.79E-06	9.06E-06	6.08E-06	1.57E-05	1.49E-05	2.06E-05	2.77E-05	4.87E-05	2.72E-05	3.17E-05	2.70E-05	4.69E-06	4.20E-06	5.89E-06	4.36E-06	4.22E-06	9.70E-06	6.57E-06	1.65E-05
Cadmium	1.90E-06	4.04E-06	1.88E-06	2.02E-06	2.46E-06	1.95E-06	1.57E-06	3.16E-06	4.10E-06	1.62E-06	4.65E-06	1.64E-06	4.65E-06	1.64E-06	2.12E-06	2.00E-05	2.79E-05	5.61E-06	1.06E-06	1.11E-06	9.60E-07	1.27E-06	1.60E-06	1.40E-06	1.36E-06	4.18E-06	3.06E-06	6.00E-06
Carbon tetrachloride	3.66E-06	5.78E-06	3.26E-06	3.65E-06	5.29E-06	3.59E-06	3.14E-06	4.47E-06	6.41E-06	3.21E-06	6.07E-06	4.08E-06	1.05E-05	9.95E-06	1.38E-05	1.86E-05	3.28E-05	1.82E-05	2.13E-05	1.81E-05	3.15E-06	2.82E-06	3.95E-06	2.92E-06	2.83E-06	6.50E-06	4.41E-06	1.11E-05
Chlorobenzene	3.30E-05	5.20E-05	2.95E-05	3.28E-05	4.77E-05	3.23E-05	2.82E-05	4.03E-05	5.78E-05	2.89E-05	5.47E-05	3.67E-05	9.49E-05	8.99E-05	1.24E-04	1.67E-04	2.95E-04	1.64E-04	1.91E-04	1.63E-04	2.84E-05	2.53E-05	3.55E-05	2.63E-05	2.55E-05	5.86E-05	3.97E-05	9.98E-05
Chloroform	1.71E-06	2.69E-06	1.52E-06	1.70E-06	2.47E-06	1.67E-06	1.46E-06	2.08E-06	3.00E-06	1.49E-06	2.83E-06	1.91E-06	4.91E-06	4.64E-06	6.43E-06	8.64E-06	1.53E-05	8.48E-06	9.90E-06	8.44E-06	1.47E-06	1.31E-06	1.84E-06	1.36E-06	1.32E-06	3.03E-06	2.06E-06	5.16E-06
Chromium, hexavalent	3.73E-06	8.18E-06	4.00E-06	4.30E-06	6.44E-06	3.85E-06	3.10E-06	6.56E-06	7.99E-06	3.16E-06	8.62E-06	5.33E-06	2.06E-05	1.79E-05	2.43E-05	4.22E-05	5.79E-05	1.22E-05	2.23E-05	3.16E-05	3.19E-06	1.72E-06	3.20E-06	2.68E-06	2.60E-06	6.43E-06	5.85E-06	1.02E-05
Chrysene	2.30E-09	3.63E-09	2.05E-09	2.28E-09	3.32E-09	2.26E-09	1.97E-09	2.80E-09	4.04E-09	2.02E-09	3.81E-09	2.56E-09	6.62E-09	6.28E-09	8.66E-09	1.16E-08	2.06E-08	1.14E-08	1.33E-08	1.14E-08	1.98E-09	1.77E-09	2.47E-09	1.83E-09	1.77E-09	4.09E-09	2.77E-09	6.96E-09
Copper	3.15E-05	6.70E-05	3.13E-05	3.36E-05	4.02E-05	3.24E-05	2.61E-05	5.27E-05	6.80E-05	2.69E-05	7.78E-05	4.38E-05	1.95E-04	1.74E-04	2.18E-04	3.35E-04	4.88E-04	9.39E-05	1.74E-04	2.49E-04	2.78E-05	1.58E-05	2.64E-05	2.33E-05	2.26E-05	6.97E-05	5.11E-05	9.76E-05
Crystalline silica	4.01E-03	8.43E-03	3.91E-03	4.18E-03	5.15E-03	4.07E-03	3.33E-03	6.67E-03	8.73E-03	3.38E-03	1.02E-02	5.36E-03	2.43E-02	2.24E-02	2.78E-02	3.63E-02	3.72E-02	1.05E-02	1.21E-02	3.16E-02	3.57E-03	2.04E-03	3.21E-03	2.97E-03	2.86E-03	9.94E-03	6.73E-03	1.35E-02
Dibenz[a,h]anthracene	1.75E-11	2.77E-11	1.56E-11	1.74E-11	2.53E-11	1.72E-11	1.50E-11	2.14E-11	3.08E-11	1.54E-11	2.90E-11	1.95E-11	5.05E-11	4.77E-11	6.60E-11	8.87E-11	1.57E-10	8.74E-11	1.02E-10	8.69E-11	1.51E-11	1.35E-11	1.89E-11	1.40E-11	1.35E-11	3.12E-11	2.11E-11	5.31E-11
p-Dichlorobenzene	3.50E-06	5.53E-06	3.12E-06	3.49E-06	5.06E-06	3.44E-06	3.00E-06	4.27E-06	6.14E-06	3.06E-06	5.81E-06	3.91E-06	1.01E-05	9.54E-06	1.32E-05	1.73E-05	3.13E-05	1.74E-05	2.03E-05	1.73E-05	3.02E-06	2.70E-06	3.76E-06	2.80E-06	2.71E-06	6.22E-06	4.21E-06	1.06E-05
1,1-Dichloroethane	1.18E-06	1.86E-06	1.06E-06	1.18E-06	1.71E-06	1.16E-06	1.01E-06	1.44E-06	2.07E-06	1.03E-06	1.96E-06	1.32E-06	3.39E-06	3.22E-06	4.46E-06	5.99E-06	1.06E-05	5.89E-06	6.84E-06	5.83E-06	1.02E-06	9.09E-07	1.27E-06	9.43E-07	9.13E-07	2.10E-06	1.42E-06	3.58E-06
1,1,2-Dichloropropane	1.61E-06	2.54E-06	1.44E-06	1.60E-06	2.32E-06	1.58E-06	1.38E-06	1.97E-06	2.83E-06	1.41E-06	2.67E-06	1.80E-06	4.65E-06	4.39E-06	6.09E-06	8.18E-06	1.44E-05	8.04E-06	9.36E-06	8.00E-06	1.39E-06	1.29E-06	1.29E-06	1.25E-06	2.87E-06	1.94E-06	4.88E-06	
1,3-Dichloropropene	6.60E-06	1.04E-05	5.90E-06	6.59E-06	9.54E-06	6.48E-06	5.66E-06	8.07E-06	1.16E-05	5.79E-06	1.09E-05	7.38E-06	1.90E-05	1.80E-05	2.49E-05	3.35E-05	5.92E-05	3.29E-05	3.83E-05	3.28E-05	5.68E-06	5.08E-06	7.10E-06	5.28E-06	5.11E-06	1.17E-05	7.95E-06	2.00E-05
Diesel particulate matter	8.99E-05	2.15E-04	5.93E-05	6.27E-05	1.03E-04	1.08E-04	6.31E-05	1.32E-04	1.76E-04	7.96E-05	2.06E-04	1.47E-04	4.08E-04	3.57E-04	6.65E-04	1.42E-03	5.03E-04	1.76E-04	4.95E-04	6.40E-04	8.37E-05	3.67E-05	6.24E-05	6.12E-05	7.03E-05	1.53E-04	1.44E-04	2.86E-04
Ethyl chloride	2.30E-06	3.63E-06	2.05E-06	2.30E-06	3.33E-06	2.26E-06	1.97E-06	2.81E-06	4.04E-06	2.02E-06	3.82E-06	2.57E-06	6.63E-06	6.26E-06	8.69E-06	1.17E-05	2.06E-05	1.15E-05	1.34E-05	1.14E-05	1.98E-06	1.77E-06	2.48E-06	1.84E-06	1.78E-06	4.09E-06	2.77E-06	6.98E-06
Ethyl benzene	5.73E-05	9.03E-05	5.11E-05	5.70E-05	8.27E-05	5.61E-05	4.91E-05	6.99E-05	1.00E-04	5.01E-05	9.48E-05	6.37E-05	1.65E-04	1.56E-04	2.16E-04	2.90E-04	5.13E-04	2.84E-04	3.32E-04	2.83E-04	4.92E-05	4.40E-05	6.17E-05	4.57E-05	4.42E-05	1.02E-04	6.88E-05	1.73E-04
Ethylene dibromide (EDB)	3.57E-06	5.63E-06	3.19E-06	3.56E-06	5.17E-06	3.51E-06	3.07E-06	4.37E-06	6.29E-06	3.13E-06	5.93E-06	3.99E-06	1.03E-05	9.74E-06	1.35E-05	1.81E-05	3.20E-05	1.78E-05	2.08E-05	1.77E-05	3.08E-06	2.76E-06	3.85E-06	2.86E-06	2.76E-06	6.36E-06	4.31E-06	1.08E-05
Ethylene dichloride (EDC)	1.41E-06	2.23E-06	1.26E-06	1.41E-06	2.04E-06	1.39E-06	1.21E-06	1.73E-06	2.48E-06	1.24E-06	2.34E-06	1.58E-06	4.07E-06	3.84E-06	5.34E-06	7.16E-06	1.27E-05	7.04E-06	8.20E-06	7.00E-06	1.22E-06	1.09E-06	1.52E-06	1.13E-06	1.09E-06	2.51E-06	1.70E-06	4.29E-06
Formaldehyde	3.75E-06	5.92E-06	3.35E-06	3.74E-06	5.43E-06	3.67E-06	3.21E-06	4.58E-06	6.56E-06	3.28E-06	6.22E-06	4.19E-06	1.08E-05	1.02E-05	1.41E-05	1.90E-05	3.36E-05	1.87E-05	2.18E-05	1.86E-05	3.23E-06	2.89E-06	4.03E-06	2.99E-06	2.89E-06	6.67E-06	4.51E-06	1.14E-05
1,2,3,4,6,7,8-HpCDD	5.73E-13	9.03E-13	5.11E-13	5.70E-13	8.27E-13	5.61E-13	4.91E-13	6.99E-13	1.00E-12	5.01E-13	9.48E-13	6.37E-13	1.65E-12	1.56E-12	2.16E-12	2.90E-12	5.13E-12	2.88E-12	3.32E-12	2.83E-12	4.92E-13	4						