

Appendix 3.12 Hydrocarbon Results

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)		3.8E-04	5.7E-05	1.5E-03	1.5E-04	1.0E-03	6.4E-03	7.2E-03	7.5E-03	1.3E-04	2.0E-05	2.0E-04	3.1E-05	2.3E-04	3.6E-05	8.0E-04	1.2E-04	1.4E-03	3.8E-04	4.4E-04	4.0E-03	3.7E-04	3.3E-03	3.1E-04	7.5E-03	3.5E-03	1.4E-03	2.8E-03	3.4E-03	3.4E-04	4.0E-05	5.4E-03	6.4E-04	2.5E-03	1.0E-02	1.3E-02	1.5E-03	1.1E-02	2.9E-04	3.4E-05				
		Hourly and Daily Average																																										
		Reprovisioning Option A (External ASR Only)																																										
ASR		Part 1																				Part 2																						
No.	Name	Height	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene		
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)		Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily
1	KT-A1a	4	1.9E-01	2.0E-02	1.3E+00	1.4E-01	8.4E-01	5.4E+00	6.5E+00	6.9E-01	6.3E+00	1.0E-01	1.1E-02	1.2E-01	1.2E-02	1.4E-01	1.4E-02	4.1E-01	4.3E-02	1.2E+00	3.0E-01	3.7E-01	3.3E+00	3.5E-01	2.8E+00	2.9E-01	6.3E+00	3.0E+00	1.2E+00	2.3E+00	2.9E+00	4.9E-02	8.4E-03	7.8E-01	1.3E-01	3.6E-01	1.5E+00	1.9E+00	3.2E-01	1.6E+00	4.1E-02	7.1E-03		
2	KT-A1b	8	1.3E-01	1.2E-02	8.4E-01	8.0E-02	5.5E-01	3.6E+00	4.3E+00	4.1E-01	4.1E+00	6.6E-02	6.2E-03	7.7E-02	7.4E-03	8.9E-02	8.5E-03	2.7E-01	2.5E-02	7.9E-01	2.0E-01	2.4E-01	2.2E+00	2.1E-01	1.4E+00	1.2E-01	1.2E+00	1.0E-01	2.6E+00	1.2E+00	4.9E-01	9.8E-01	1.2E+00	3.9E-02	7.6E-03	6.8E-01	1.2E-01	3.1E-01	1.2E+00	2.9E-01	1.4E+00	3.6E-02	6.4E-03	
3	KT-A1c	12	8.0E-02	7.2E-03	5.4E-01	4.6E-02	3.5E-01	2.2E+00	2.7E+00	2.3E-01	2.6E+00	4.2E-02	3.6E-03	4.9E-02	4.3E-03	5.6E-02	4.9E-03	1.7E-01	1.5E-02	5.0E-01	1.3E-01	1.5E-01	1.4E+00	1.2E-01	1.2E+00	1.0E-01	2.6E+00	1.2E+00	4.9E-01	9.8E-01	1.2E+00	3.9E-02	7.6E-03	6.8E-01	1.2E-01	3.1E-01	1.2E+00	2.9E-01	1.4E+00	3.6E-02	6.4E-03			
4	KT-A1d	16	4.9E-02	5.8E-03	3.3E-01	2.6E-02	2.2E-01	1.4E+00	1.7E+00	1.3E-01	1.6E+00	2.6E-02	2.1E-03	3.0E-02	3.2E-03	3.5E-02	3.6E-03	1.0E-01	1.2E-02	3.1E-01	7.8E-02	9.4E-02	8.5E-01	6.8E-02	7.2E-01	5.7E-02	1.6E+00	7.6E-01	3.0E-01	6.0E-01	7.4E-01	3.5E-02	5.8E-03	5.5E-01	9.2E-02	2.5E-01	1.1E+00	1.3E+00	2.2E-01	1.1E+00	2.9E-02	4.9E-03		
5	KT-A1e	20	3.4E-02	5.4E-03	2.0E-01	1.5E-02	1.3E-01	8.3E-01	1.0E+00	7.5E-02	9.6E-01	1.5E-02	1.8E-03	1.9E-02	2.9E-03	2.1E-02	3.3E-03	7.3E-02	1.1E-02	1.9E-01	4.6E-01	5.1E-01	3.8E-02	4.3E-01	3.2E-02	9.7E-01	4.6E-01	1.8E-01	3.6E-01	4.4E-01	3.2E-02	4.9E-03	5.0E-01	7.8E-02	2.3E-01	1.1E+00	1.2E+00	1.9E-01	1.0E+00	2.7E-02	4.2E-03			
6	KT-A1f	30	2.7E-02	4.1E-03	5.2E-02	7.1E-03	3.4E-02	2.2E-01	2.6E-01	1.6E-02	2.6E-01	9.2E-03	1.4E-03	1.4E-02	2.2E-03	1.7E-02	2.6E-03	5.7E-02	8.8E-03	4.9E-02	2.7E-02	3.0E-02	1.3E-01	8.5E-03	1.1E-01	7.7E-03	2.6E-01	1.2E-01	5.6E-02	9.5E-02	1.2E-01	2.4E-02	3.5E-03	3.8E-01	5.5E-02	1.7E-01	7.3E-01	9.1E-01	1.3E-01	7.6E-01	2.0E-02	2.9E-03		
7	KT-A1g	40	2.2E-02	3.3E-03	3.8E-02	5.6E-03	2.8E-02	5.4E-02	5.9E-02	8.2E-03	5.8E-02	7.7E-03	1.1E-03	1.2E-02	1.8E-03	1.4E-02	2.0E-03	4.7E-02	6.9E-03	2.3E-02	2.2E-02	2.5E-02	4.6E-02	6.7E-03	4.1E-02	6.0E-03	8.0E-02	3.4E-02	4.7E-02	5.4E-02	5.5E-02	1.8E-02	2.4E-03	2.8E-01	3.8E-02	1.3E-01	5.5E-01	6.8E-01	9.2E-02	5.7E-01	1.5E-02	2.0E-03		
8	KT-A1h	50	1.8E-02	2.6E-03	3.2E-02	4.4E-03	2.3E-02	4.5E-02	4.6E-02	6.4E-03	6.4E-03	6.4E-03	8.8E-04	1.0E-02	1.4E-03	1.1E-02	1.6E-03	3.9E-02	5.5E-03	1.9E-02	1.8E-02	2.1E-02	3.8E-02	5.3E-03	3.9E-02	4.7E-03	6.6E-02	3.9E-02	4.5E-02	4.6E-02	1.4E-02	1.6E-03	2.2E-01	2.6E-02	1.0E-01	4.3E-01	5.3E-01	6.2E-02	4.4E-01	1.2E-02	1.4E-03			
9	KT-A1i	60	1.7E-02	2.0E-03	2.8E-02	3.4E-03	2.1E-02	4.0E-02	4.1E-02	5.0E-03	4.3E-02	5.7E-03	6.8E-04	8.9E-03	1.1E-03	1.0E-02	1.2E-03	3.5E-02	4.2E-03	1.7E-02	1.6E-02	1.9E-02	3.4E-02	4.1E-03	3.1E-02	3.7E-03	5.9E-02	2.5E-02	3.5E-02	4.0E-02	4.1E-02	1.0E-02	1.1E-03	1.6E-01	1.7E-02	7.6E-02	3.2E-01	4.0E-01	4.1E-02	3.3E-01	8.8E-03	9.1E-04		
10	KT-A1j	70	1.5E-02	1.6E-03	2.5E-02	2.7E-03	1.9E-02	3.6E-02	3.7E-02	3.9E-03	3.8E-02	5.1E-03	5.4E-04	8.0E-03	8.4E-04	9.2E-03	9.7E-04	3.1E-02	3.3E-03	1.5E-02	1.5E-02	1.7E-02	3.0E-02	3.2E-03	2.7E-02	2.9E-03	5.3E-02	2.2E-02	3.1E-02	3.6E-02	3.7E-02	7.6E-03	7.1E-04	1.2E-01	1.1E-02	5.5E-02	2.3E-01	2.9E-01	2.7E-02	2.4E-01	6.4E-03	6.0E-04		
11	KT-A1k	80	1.3E-02	1.3E-03	2.3E-02	2.2E-03	1.7E-02	3.2E-02	3.3E-02	3.1E-03	3.5E-02	4.6E-03	4.3E-04	7.2E-03	6.7E-04	8.2E-03	7.8E-04	2.8E-02	2.7E-03	1.4E-02	1.3E-02	1.5E-02	2.7E-02	2.6E-03	2.5E-02	2.3E-03	4.8E-02	2.0E-02	2.8E-02	3.3E-02	3.4E-02	7.5E-03	4.0E-02	1.7E-01	2.1E-01	1.8E-02	1.8E-01	1.4E-02	4.6E-03	4.0E-04				
12	KT-A1l	90	1.2E-02	1.0E-03	2.1E-02	1.8E-03	1.6E-02	3.0E-02	3.1E-02	2.6E-03	3.2E-02	4.2E-03	3.6E-04	6.6E-03	5.6E-04	7.6E-03	6.5E-04	2.6E-02	2.2E-03	1.3E-02	1.2E-02	1.4E-02	2.5E-02	2.2E-03	2.2E-02	1.9E-03	4.4E-02	1.9E-02	2.6E-02	3.0E-02	3.0E-02	4.1E-03	3.1E-04	6.4E-02	5.0E-03	3.0E-02	1.2E-01	1.6E-01	1.2E-02	1.3E-01	3.4E-03	2.6E-04		
13	KT-A1m	100	1.2E-02	9.2E-04	2.0E-02	1.6E-03	1.5E-02	2.8E-02	2.9E-02	2.3E-03	3.0E-02	4.0E-03	3.2E-04	6.3E-03	5.0E-04	7.2E-03	5.7E-04	2.5E-02	2.0E-03	1.2E-02	1.2E-02	1.3E-02	2.4E-02	1.9E-03	2.2E-02	1.7E-03	4.2E-02	1.8E-02	2.4E-02	2.8E-02	2.9E-02	3.3E-03	2.3E-04	5.2E-02	3.6E-03	2.4E-02	1.0E-01	1.3E-01	8.8E-03	1.0E-01	2.8E-03	1.9E-04		
14	KT-A2a	4	3.9E-02	7.1E-03	1.5E-01	1.9E-02	9.8E-02	5.0E-01	6.0E-01	6.5E-02	5.8E-01	1.6E-02	2.6E-03	2.2E-02	3.9E-03	2.5E-02	4.5E-03	8.3E-02	1.5E-02	1.2E-01	4.7E-02	5.6E-02	3.2E-01	3.6E-02	2.7E-01	3.1E-02	6.1E-01	2.8E-01	1.4E-01	2.5E-01	4.0E-02	5.6E-03	6.2E-01	8.8E-02	2.9E-01	1.2E+00	1.5E+00	2.1E-01	1.3E+00	3.3E-02	4.7E-03			
15	KT-A2b	8	3.4E-02	6.2E-03	8.2E-02	1.2E-02	5.7E-02	2.4E-01	2.8E-01	3.1E-02	3.1E-02	1.2E-02	2.2E-03	1.8E-02	3.4E-03	2.1E-02	3.9E-03	7.2E-02	1.3E-02	6.4E-02	3.5E-02	3.9E-02	1.6E-01	1.9E-02	1.4E-01	8.6E-02	1.3E-01	1.5E-01	3.7E-02	4.6E-02	8.0E-03	8.3E-04	5.8E-01	7.7E-02	2.7E-01	1.1E+00	1.4E+00	1.9E-01	1.2E+00	3.1E-02	4.1E-03			
16	KT-A2c	12	3.1E-02	5.6E-03	5.6E-02	9.8E-03	4.1E-02	2.2E-01	1.4E-01	1.8E-02	1.4E-01	1.1E-02	1.9E-03	1.7E-02	3.0E-03	1.9E-02	3.5E-03	6.6E-02	1.2E-02	3.8E-02	3.1E-02	3.9E-02	1.8E-01	1.8E-02	1.7E-02	1.1E-02	1.6E-01	7.2E-02	6.7E-02	8.4E-02	4.2E-03	5.3E-01	6.6E-02	2.5E-01	1.0E+00	1.3E+00	1.6E-01	1.1E+00	2.8E-02	3.5E-03				
17	KT-A2d	16	2.9E-02	5.1E-03	5.0E-02	8.7E-03	3.7E-02	7.7E-02	8.4E-02	1.3E-02	8.5E-02	1.0E-02	1.7E-03	1.6E-02	2.7E-03	1.8E-02	3.1E-03	6.2E-02	1.1E-02	3.1E-02	2.9E-02	3.3E-02	6.2E-02	1.1E-02	5.5E-02	9.5E-03	1.1E-01	4.6E-02	6.1E-02	7.2E-02	7.4E-02	3.1E-02	3.6E-03	4.9E-01	5.6E-02	2.2E-01	9.4E-01	1.2E+00	1.4E-01	9.8E-01	2.6E-02	3.0E-03		
18	KT-A2e	20	2.7E-02	4.5E-03	4.7E-02	7.8E-03	3.5E-02	6.7E-02	7.0E-02	1.1E-02	7.2E-02	9.4E-03	1.6E-03	1.5E-02	2.4E-03	1.7E-02	2.8E-03	5.8E-02	9.7E-03	2.8E-02	2.7E-02	3.1E-02	5.7E-02	9.4E-03	5.1E-02	8.4E-03	9.9E-02	4.2E-02	5.7E-02	6.7E-02	6.8E-02	2.8E-02	3.1E-03	4.4E-01	5.0E-02	2.0E-01	8.5E-01	1.1E+00	1.2E-01	1.8E-01	2.3E-02	2.6E-03		
19	KT-A2f	30	2.3E-02	3.3E-03	4.0E-02	5.8E-03	2.9E-02	6.2E-02	8.4E-03	6.0E-02	8.0E-03	1.2E-03	1.2E-02	1.8E-03	1.4E-02	2.1E-03	4.9E-02	7.1E-03	2.4E-02	2.3E-02	2.3E-02	3.6E-02	3.1E-02	4.8E-02	6.9E-03	4.3E-02	8.3E-02	3.5E-02	4.8E-02	5.7E-02	2.1E-02	2.3E-03	3.3E-01	3.7E-02	1.5E-01	6.3E-01	7.9E-01	8.8E-02	6.8E-01	1.7E-02	2.0E-03			
20	KT-A2g	40	1.9E-02	2.7E-03	3.2E-02	4.7E-03	2.4E-02	4.6E-02	4.8E-02	6.8E-03	4.9E-02	6.5E-03	9.3E-04	1.0E-02	1.5E-03	1.2E-02	1.7E-03	4.0E-02	5.8E-03	2.0E-02	1.9E-02	2.1E-02	3.9E-02	5.6E-03	3.5E-02	5.0E-03	6.8E-02	2.9E-02	4.0E-02	4.6E-02	4.7E-02	1.5E-02	1.7E-03	2.3E-01	2.6E-02	1.1E-01	4.5E-01	5.5E-01	6.3E-02	4.6E-01	1.2E-02	1.4E-03		
21	KT-A2h	50	1.6E-02	2.2E-03	2.7E-02	3.8E-03	2.0E-02	3.9E-02	4.0E-02	5.5E-03	4.2E-02	5.5E-03	7.5E-04	8.6E-03	1.2E-03	9.9E-03	1.4E-03	3.4E-02	4.7E-03	1.6E-02	1.6E-02	1.8E-02	3.3E-02	4.5E-03	3.0E-02	4.1E-03	5.7E-02	2.4E-02	3.3E-02	3.9E-02	4.0E-02	1.0E-02	1.2E-03	1.6E-01	1.8E-02	7.3E-02	3.1E-01	3.9E-01	4.4E-02	3.2E-01	8.5E-03	9.8E-04		
22	KT-A2i	60	1.5E-02	1.8E-03	2.5E-02	3.1E-03	1.9E-02	3.5E-02	3.7E-02	4.5E-03	3.8E-02	5.1E-03	6.1E-04	7.9E-03	9.6E-04	9.1E-03	1.1E-03	3.1E-02	3.8E-03	1.5E-02	1.5E-02	1.6E-02	3.0E-02	3.7E-03	2.7E-02	3.3E-03	5.3E-02	2.2E-02	3.1															

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)			3.8E-04	5.7E-05	1.5E-03	1.5E-04	1.0E-03	6.4E-03	7.8E-03	7.2E-04	7.5E-03	1.3E-04	2.0E-05	2.0E-04	3.1E-05	2.3E-04	3.6E-05	8.0E-04	1.2E-04	1.4E-03	3.8E-04	4.4E-04	4.0E-03	3.7E-04	3.3E-03	3.1E-04	7.5E-03	3.5E-03	1.4E-03	2.8E-03	3.4E-03	3.4E-04	4.0E-05	5.4E-03	6.4E-04	2.5E-03	1.0E-02	1.3E-02	1.5E-03	1.1E-02	2.9E-04	3.4E-05			
			Hourly and Daily Average																																										
			Reprovisioning Option A (External ASR Only)																																										
ASR			Part 1																					Part 2																					
No.	Name	Height	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene			
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)			Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily
74	KT-A7d	16	6.2E-02	6.7E-03	4.1E-01	4.6E-02	2.7E-01	1.7E+00	2.1E+00	2.3E-01	2.0E+00	3.2E-02	3.5E-03	3.8E-02	4.1E-03	4.3E-02	4.8E-03	1.3E-01	1.4E-02	3.9E-01	9.8E-02	1.2E-01	1.1E+00	1.2E-01	9.0E-01	9.8E-02	2.0E+00	9.5E-01	3.8E-01	7.5E-01	9.2E-01	2.3E-02	1.7E-03	3.6E-01	2.7E-02	1.6E-01	7.0E-01	8.7E-01	6.5E-02	7.2E-01	1.9E-02	1.4E-03			
75	KT-A7e	20	5.3E-02	5.7E-03	3.5E-01	3.9E-02	2.3E-01	1.5E+00	1.8E+00	1.9E-01	1.7E+00	2.7E-02	3.0E-03	3.2E-02	3.5E-03	3.7E-02	4.0E-03	1.1E-01	1.2E-02	3.3E-01	8.3E-02	1.0E-01	9.1E-01	9.9E-02	7.6E-01	8.3E-02	1.7E+00	8.1E-01	3.2E-01	6.4E-01	7.9E-01	1.5E-02	1.1E-03	2.3E-01	1.8E-02	1.1E-01	4.5E-01	5.6E-01	4.3E-02	4.6E-01	1.2E-02	9.4E-04			
76	KT-A8a	4	1.4E-01	1.6E-02	4.1E-01	3.9E-02	2.9E-01	1.4E+00	1.7E+00	1.2E-01	1.6E+00	5.4E-02	5.6E-03	7.8E-02	8.5E-03	8.9E-02	9.9E-03	3.0E-01	3.3E-02	3.4E-01	1.6E-01	1.8E-01	8.9E-01	7.0E-02	7.6E-01	6.0E-02	1.7E+00	7.8E-01	4.3E-01	6.9E-01	8.1E-01	4.7E-02	6.3E-03	7.5E-01	1.0E-01	3.4E-01	1.4E+00	1.8E+00	2.4E-01	1.5E+00	4.0E-02	5.3E-03			
77	KT-A8b	8	1.1E-01	1.2E-02	3.6E-01	3.4E-02	2.5E-01	1.3E+00	1.6E+00	1.2E-01	1.5E+00	4.5E-02	4.5E-03	6.3E-02	6.7E-03	7.3E-02	7.8E-03	2.4E-01	2.6E-02	3.1E-01	1.3E-01	1.5E-01	8.3E-01	6.4E-02	7.1E-01	5.5E-02	1.6E+00	7.3E-01	3.7E-01	6.3E-01	7.5E-01	4.2E-02	5.6E-03	6.6E-01	9.0E-02	3.0E-01	1.3E+00	1.6E+00	2.1E-01	1.3E+00	3.5E-02	4.7E-03			
78	KT-A8c	12	9.8E-02	1.0E-02	3.3E-01	2.9E-02	2.2E-01	1.2E+00	1.5E+00	1.1E-01	1.4E+00	3.7E-02	3.9E-03	5.4E-02	5.7E-03	6.2E-02	6.7E-03	2.2E-01	2.2E-02	2.9E-01	1.1E-01	1.3E-01	7.7E-01	6.0E-02	6.5E-01	5.1E-02	1.5E+00	6.8E-01	3.2E-01	5.8E-01	6.9E-01	3.6E-02	4.9E-03	5.7E-01	7.9E-02	2.6E-01	1.1E+00	1.4E+00	1.9E-01	1.1E+00	3.0E-02	4.1E-03			
79	KT-A8d	16	8.5E-02	9.4E-03	3.0E-01	2.6E-02	2.0E-01	1.1E+00	1.4E+00	1.0E-01	1.3E+00	3.2E-02	3.5E-03	4.7E-02	5.2E-03	5.4E-02	6.0E-03	1.8E-01	2.0E-02	2.7E-01	9.4E-02	1.1E-01	7.1E-01	5.6E-02	6.0E-01	4.7E-02	1.4E+00	6.3E-01	2.8E-01	5.3E-01	6.3E-01	3.2E-02	4.2E-03	5.0E-01	6.7E-02	2.3E-01	9.7E-01	1.2E+00	1.6E-01	1.0E+00	2.7E-02	3.5E-03			
80	KT-A8e	20	7.3E-02	8.4E-03	2.7E-01	2.3E-02	1.8E-01	1.1E+00	1.3E+00	9.6E-02	1.2E+00	2.8E-02	3.1E-03	4.0E-02	4.6E-03	4.6E-02	5.4E-03	1.5E-01	1.8E-02	2.4E-01	8.2E-02	9.5E-02	6.6E-01	5.2E-02	5.6E-01	4.4E-02	1.3E+00	5.8E-01	2.5E-01	4.8E-01	5.8E-01	2.9E-02	3.5E-03	4.6E-01	5.6E-02	2.1E-01	8.9E-01	1.1E+00	1.3E-01	9.2E-01	2.4E-02	2.9E-03			
81	KT-A8f	30	4.8E-02	6.1E-03	2.1E-01	1.9E-02	1.4E-01	8.6E-01	1.0E+00	8.2E-02	1.0E+00	2.4E-02	2.4E-03	2.7E-02	3.4E-03	3.1E-02	3.9E-03	1.0E-01	1.3E-02	2.0E-01	5.7E-02	6.6E-02	5.3E-01	4.3E-02	4.5E-01	1.0E+00	4.8E-01	2.0E-01	3.8E-01	4.7E-01	2.3E-02	2.5E-03	3.6E-01	3.9E-02	1.6E-01	7.0E-01	9.4E-02	7.2E-01	1.9E-02	2.1E-03					
82	KT-A8g	40	3.2E-02	4.3E-03	1.6E-01	1.5E-02	1.1E-01	6.9E-01	8.3E-01	6.9E-02	8.0E-01	1.3E-02	1.7E-03	1.8E-02	2.4E-03	2.1E-02	2.8E-03	6.7E-02	9.2E-03	1.5E-01	4.0E-02	4.8E-02	4.2E-01	3.6E-02	3.6E-01	3.0E-02	8.1E-01	3.8E-01	1.5E-01	3.0E-01	3.7E-01	1.7E-02	2.0E-03	2.7E-01	3.2E-02	1.2E-01	5.2E-01	6.4E-01	7.7E-02	5.4E-01	1.4E-02	1.7E-03			
83	KT-A8h	50	2.3E-02	3.1E-03	1.3E-01	1.2E-02	8.3E-02	5.3E-01	6.4E-01	5.8E-02	6.1E-01	9.9E-03	1.3E-03	1.3E-02	1.8E-03	1.5E-02	2.0E-03	4.8E-02	6.5E-03	1.2E-01	3.0E-02	3.6E-02	3.3E-01	3.0E-02	2.7E-01	2.5E-02	6.2E-01	2.9E-01	1.2E-01	2.3E-01	2.8E-01	1.2E-02	1.6E-03	1.9E-01	2.5E-02	8.7E-02	3.7E-01	4.5E-01	6.1E-02	3.8E-01	1.0E-02	1.3E-03			
84	KT-A8i	60	1.7E-02	2.2E-03	1.0E-01	9.9E-03	6.6E-02	4.2E-01	5.0E-01	4.8E-02	4.8E-01	8.0E-03	9.7E-04	9.8E-03	1.3E-03	1.1E-02	1.5E-03	3.6E-02	4.7E-03	9.3E-02	2.4E-02	2.9E-02	2.6E-01	2.5E-02	2.2E-01	2.1E-02	4.9E-01	2.3E-01	9.2E-02	1.8E-01	2.2E-01	9.2E-03	1.2E-03	1.4E-01	1.9E-02	6.7E-02	2.8E-01	3.5E-01	4.7E-02	2.9E-01	7.7E-03	1.0E-03			
85	KT-A8j	70	1.4E-02	1.6E-03	9.2E-02	8.3E-03	6.0E-02	3.8E-01	4.6E-01	4.0E-02	4.5E-01	7.2E-03	7.6E-04	8.6E-03	9.7E-04	9.9E-03	1.1E-03	3.0E-02	3.5E-03	8.6E-02	2.2E-02	2.7E-02	2.4E-01	2.0E-02	2.0E-01	1.7E-02	4.5E-01	2.1E-01	8.4E-02	1.7E-01	2.1E-01	7.5E-03	9.1E-04	1.2E-01	1.4E-02	5.4E-02	2.3E-01	2.9E-01	3.5E-02	2.4E-01	6.3E-03	7.7E-04			
86	KT-A8k	80	1.3E-02	1.3E-03	8.6E-02	7.2E-03	5.6E-02	3.6E-01	4.4E-01	3.5E-02	4.2E-01	6.7E-03	6.1E-04	7.9E-03	7.6E-04	9.1E-03	8.7E-04	2.7E-02	2.7E-03	8.1E-02	2.0E-02	2.5E-02	2.2E-01	1.8E-02	1.9E-01	1.5E-02	4.2E-01	2.0E-01	7.9E-02	1.6E-01	1.9E-01	6.2E-03	6.6E-04	9.8E-02	1.0E-02	4.5E-02	1.9E-01	2.4E-01	2.5E-02	2.0E-01	5.2E-03	5.6E-04			
87	KT-A8l	90	1.2E-02	1.1E-03	8.3E-02	7.0E-03	5.4E-02	3.5E-01	4.2E-01	3.4E-02	4.0E-01	6.4E-03	5.7E-04	7.6E-03	6.8E-04	8.7E-03	7.9E-04	2.6E-02	2.4E-03	7.7E-02	2.0E-02	2.4E-02	2.1E-01	1.8E-02	1.8E-01	1.5E-02	4.1E-01	1.9E-01	7.6E-02	1.5E-01	1.8E-01	5.4E-03	4.7E-04	8.6E-02	7.4E-03	3.9E-02	1.7E-01	2.1E-01	1.8E-02	1.7E-01	4.6E-03	3.9E-04			
88	KT-A8m	100	1.2E-02	1.1E-03	8.1E-02	6.8E-03	5.3E-02	3.4E-01	4.1E-01	3.4E-02	4.0E-01	6.3E-03	5.5E-04	7.5E-03	6.6E-04	8.6E-03	7.5E-04	2.6E-02	2.3E-03	7.6E-02	1.9E-02	2.3E-02	2.1E-01	1.7E-02	1.8E-01	1.5E-02	4.0E-01	1.9E-01	7.5E-02	1.5E-01	1.8E-01	5.2E-03	4.1E-04	8.2E-02	6.4E-03	3.7E-02	1.6E-01	2.0E-01	1.5E-02	1.6E-01	4.3E-03	3.4E-04			
89	KT-A9a	4	3.7E-01	5.7E-02	7.8E-01	1.2E-01	5.6E-01	1.8E+00	2.1E+00	3.0E-01	2.1E+00	1.3E-01	2.0E-02	2.0E-01	3.1E-02	2.3E-01	3.6E-02	8.0E-01	1.2E-01	3.8E-01	3.8E-01	4.3E-01	1.3E+00	1.7E-01	1.1E+00	1.4E-01	2.4E+00	1.1E+00	8.8E-01	1.2E+00	1.3E+00	2.9E-01	2.5E-02	4.6E+00	4.1E-01	2.1E+00	8.8E+00	1.1E+01	9.6E-01	9.2E+00	2.4E-01	2.1E-02			
90	KT-A9b	8	2.0E-01	3.4E-02	5.3E-01	7.4E-02	3.7E-01	1.6E+00	1.8E+00	2.6E-01	1.8E+00	7.5E-02	1.2E-02	1.1E-01	1.8E-02	1.3E-01	2.1E-02	4.3E-01	7.1E-02	4.1E-01	2.2E-01	2.5E-01	1.0E+00	1.4E-01	8.8E-01	1.2E-01	1.9E+00	8.8E-01	5.7E-01	8.6E-01	9.8E-01	2.1E-01	1.8E-02	3.3E+00	3.0E-01	1.5E+00	6.5E+00	8.1E+00	6.9E-01	6.7E+00	1.8E-01	1.5E-02			
91	KT-P1a	4	2.3E-01	2.3E-02	1.5E+00	1.5E-01	1.0E+00	6.4E+00	7.8E+00	7.2E-01	7.5E+00	1.2E-01	1.1E-02	1.4E-01	1.4E-02	1.6E-01	1.6E-02	4.8E-01	4.8E-02	1.4E+00	3.6E-01	4.4E-01	4.0E+00	3.7E-01	3.3E+00	3.1E-01	7.5E+00	3.5E+00	1.4E+00	2.8E+00	3.4E+00	1.2E-01	8.1E-03	1.8E+00	1.3E-01	8.5E-01	3.6E+00	4.4E+00	3.1E-01	3.7E+00	9.8E-02	6.8E-03			
92	KT-P1b	8	2.1E-01	2.1E-02	1.4E+00	1.3E-01	9.1E-01	5.9E+00	7.1E+00	6.5E-01	6.8E+00	1.1E-01	1.0E-02	1.3E-01	1.3E-02	1.5E-01	1.5E-02	4.4E-01	4.4E-02	1.3E+00	3.3E-01	4.0E-01	3.6E+00	3.3E-01	3.0E+00	2.8E-01	6.9E+00	3.2E+00	1.3E+00	2.5E+00	3.1E+00	8.9E-02	6.9E-03	1.4E+00	1.1E-01	6.4E-01	2.7E+00	3.4E+00	2.6E-01	2.8E+00	7.5E-02	5.8E-03			
93	KT-P1c	12	1.8E-01	1.8E-02	1.2E+00	1.2E-01	8.1E-01	5.2E+00	6.2E+00	5.7E-01	6.0E+00	9.5E-02	9.3E-03	1.1E-01	1.1E-02	1.3E-01	1.3E-02	3.9E-01	3.9E-02	1.2E+00	2.9E-01	3.5E-01	3.2E+00	2.9E-01	2.7E+00	2.5E-01	6.1E+00	2.8E+00	1.1E+00	2.2E+00	2.8E+00	6.2E-02	5.7E-03	9.7E-01	9.1E-02	4.5E-01	1.9E+00	2.4E+00	2.2E-01	2.0E+00	5.2E-02	4.8E-03			
94	KT-P1d	16	1.6E-01	1.6E-02	1.1E+00	9.9E-02	6.9E-01	4.4E+00	5.3E+00	4.9E-01	5.1E+00	8.2E-02	8.0E-03	9.6E-02	9.6E-03	1.1E-01	1.1E-02	3.3E-01	3.4E-02	9.9E-01	2.5E-01	2.5E-01	2.7E+00	2.5E-01	2.3E+00	2.1E-01	5.2E+00	2.4E+00	9.6E-01	1.9E+00	2.4E+00	5.0E-02	5.0E-03	7.9E-01	7.9E-02	3.6E-01	1.5E+00	1.9E+00	1.9E-01	1.6E+00	4.2E-02	4.2E-03			
95	KT-P1e	20	1.3E-01	1.3E-02	8.7E-01	8.2E-02	5.7E-01	3.7E+00	4.4E+00	4.1E-01	4.3E+00	6.8E-02	6.7E-03	8.0E-02	8.1E-03	9.2E-02	9.3E-03	2.8E-01	2.8E-02	8.2E-01	2.1E-01	3.0E-01	2.1E-01	1.9E+00																					

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)		3.4E-04	4.0E-05	3.9E-04	4.6E-05	1.2E-03	1.4E-04	2.3E-03	5.1E-04	1.3E-03	6.4E-03	7.6E-04	8.4E-03	1.0E-03	8.9E-03	7.7E-03	2.9E-03	4.8E-03	6.5E-03	3.8E-04	5.4E-05	6.4E-04	9.4E-05	4.8E-04	9.1E-04	9.4E-04	1.4E-04	9.8E-04	1.3E-04	1.9E-05	2.0E-04	2.9E-05	2.3E-04	3.4E-05	8.0E-04	1.2E-04	3.9E-04	3.7E-04	4.2E-04	7.7E-04	1.1E-04				
Hourly and Daily Average																																													
Reprovisioning Option A (External ASR Only)																																													
ASR		Part 2																				Part 3																							
No.	Name	Height	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dbenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene			
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)		Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily
1	KT-A1a	4	4.9E-02	8.4E-03	5.6E-02	9.6E-03	1.7E-01	2.9E-02	3.3E-01	7.4E-02	1.9E-01	9.3E-01	1.6E-01	1.2E+00	2.1E-01	1.3E+00	1.1E+00	4.2E-01	6.9E-01	9.4E-01	4.9E-02	7.1E-03	8.3E-02	1.2E-02	6.9E-02	1.2E-01	1.2E-01	1.8E-02	1.3E-01	1.7E-02	2.4E-03	2.6E-02	3.8E-03	3.0E-02	4.4E-03	1.0E-01	1.5E-02	5.0E-02	4.8E-02	5.5E-02	1.0E-01	1.5E-02	1.4E-02		
2	KT-A1b	8	4.3E-02	7.5E-03	4.9E-02	8.7E-03	1.5E-01	2.6E-02	2.9E-01	6.5E-02	1.7E-01	8.2E-01	1.4E-01	1.1E+00	1.9E-01	1.1E+00	9.8E-01	3.2E-01	6.1E-01	8.3E-01	4.6E-02	6.7E-03	7.8E-02	1.1E-02	5.8E-02	1.1E-01	1.1E-01	1.7E-02	1.2E-01	1.6E-02	2.2E-03	2.3E-02	3.6E-03	2.8E-02	4.2E-03	9.7E-02	1.4E-02	4.7E-02	4.5E-02	5.1E-02	9.4E-02	1.3E-02	1.4E-02		
3	KT-A1c	12	3.8E-02	6.6E-03	4.3E-02	7.7E-03	1.3E-01	2.3E-02	2.6E-01	5.7E-02	1.4E-01	7.2E-01	1.3E-01	9.4E-01	1.7E-01	1.0E+00	8.6E-01	3.2E-01	5.4E-01	7.2E-01	4.2E-02	6.3E-03	7.2E-02	1.1E-02	5.3E-02	1.0E-01	1.1E-01	1.6E-02	1.1E-01	1.4E-02	2.2E-03	2.3E-02	3.4E-03	2.6E-02	3.9E-03	9.0E-02	1.3E-02	4.3E-02	4.2E-02	4.7E-02	8.7E-02	1.3E-02	1.4E-02		
4	KT-A1d	16	3.5E-02	5.8E-03	4.0E-02	6.6E-03	1.2E-01	2.0E-02	2.4E-01	5.2E-02	1.3E-01	6.6E-01	1.1E-01	8.7E-01	1.4E-01	9.2E-01	7.9E-01	3.0E-01	4.9E-01	6.7E-01	3.8E-02	5.8E-03	6.6E-02	1.0E-02	4.9E-02	9.2E-02	9.6E-02	1.5E-02	1.0E-01	1.3E-02	2.0E-03	2.1E-02	3.1E-03	2.4E-02	3.6E-03	8.2E-02	1.2E-02	3.9E-02	3.8E-02	4.3E-02	7.9E-02	1.2E-02	1.2E-02		
5	KT-A1e	20	3.2E-02	4.9E-03	3.6E-02	5.6E-03	1.1E-01	1.7E-02	2.2E-01	4.8E-02	1.2E-01	6.0E-01	9.4E-02	7.9E-01	1.2E-01	8.3E-01	7.2E-01	2.7E-01	4.5E-01	6.1E-01	3.4E-02	5.3E-03	5.9E-02	9.1E-03	4.4E-02	8.3E-02	8.6E-02	1.3E-02	9.0E-02	1.2E-02	1.8E-03	1.9E-02	2.9E-03	2.1E-02	3.3E-03	7.3E-02	1.1E-02	3.5E-02	3.4E-02	3.9E-02	7.1E-02	1.1E-02	1.1E-02		
6	KT-A1f	30	2.4E-02	3.5E-03	2.7E-02	4.0E-03	8.2E-02	1.2E-02	1.6E-01	3.6E-02	9.1E-02	4.5E-01	6.6E-02	5.9E-01	8.7E-02	6.3E-01	5.4E-01	2.0E-01	3.4E-01	4.6E-01	2.7E-02	4.1E-03	4.6E-02	7.1E-03	3.4E-02	6.5E-02	6.7E-02	1.0E-02	7.0E-02	9.2E-03	1.4E-03	1.4E-02	2.2E-03	1.7E-02	2.6E-03	5.7E-02	8.8E-03	2.8E-02	2.7E-02	3.0E-02	5.5E-02	8.5E-03	8.5E-03		
7	KT-A1g	40	1.8E-02	2.4E-03	2.0E-02	2.8E-03	6.1E-02	8.3E-03	1.2E-01	2.7E-02	6.8E-02	3.4E-01	4.6E-02	4.4E-01	6.0E-02	4.7E-01	4.1E-01	1.5E-01	2.5E-01	3.4E-01	2.2E-02	3.3E-03	3.8E-02	5.6E-03	2.8E-02	5.4E-02	5.6E-02	8.2E-03	5.8E-02	7.7E-03	1.1E-03	1.2E-02	1.8E-03	1.4E-02	2.0E-03	4.7E-02	6.9E-03	2.3E-02	2.5E-02	2.5E-02	4.6E-02	6.7E-03	6.7E-03		
8	KT-A1h	50	1.4E-02	1.6E-03	1.6E-02	1.9E-03	4.8E-02	5.6E-03	9.4E-02	2.1E-02	5.3E-02	2.6E-01	3.1E-02	3.5E-01	4.1E-02	3.6E-01	3.2E-01	1.2E-01	2.0E-01	2.6E-01	1.8E-02	2.6E-03	3.2E-02	4.4E-03	2.3E-02	4.6E-02	6.4E-03	6.4E-03	8.8E-04	1.0E-02	1.4E-03	1.0E-02	1.4E-03	1.0E-02	1.6E-03	3.9E-02	5.5E-03	1.9E-02	1.8E-02	2.1E-02	3.8E-02	5.3E-03	5.3E-03		
9	KT-A1i	60	1.0E-02	1.1E-03	1.2E-02	1.2E-03	3.6E-02	3.7E-03	7.1E-02	1.6E-02	4.0E-02	2.0E-01	2.1E-02	2.6E-01	2.7E-02	2.7E-01	2.4E-01	8.8E-02	1.5E-01	2.0E-01	1.7E-02	2.0E-03	2.8E-02	3.4E-03	2.1E-02	4.0E-02	4.1E-02	5.0E-03	4.3E-02	5.7E-03	6.8E-04	8.9E-03	1.1E-03	1.0E-02	1.2E-03	3.5E-02	4.2E-03	1.7E-02	1.6E-02	1.9E-02	3.4E-02	4.1E-03	4.1E-03		
10	KT-A1j	70	7.6E-03	7.1E-04	8.7E-03	8.2E-04	2.6E-02	2.5E-03	5.2E-02	1.1E-02	2.9E-02	1.4E-01	1.4E-02	1.9E-01	1.8E-02	2.0E-01	1.7E-01	6.5E-02	1.1E-01	1.5E-01	1.5E-02	1.6E-03	2.5E-02	2.7E-03	1.9E-02	3.6E-02	3.7E-02	3.9E-03	3.8E-02	5.1E-03	5.4E-04	8.0E-03	8.4E-04	9.2E-03	9.7E-04	3.1E-02	3.3E-03	1.5E-02	1.5E-02	1.7E-02	3.0E-02	3.2E-03	3.2E-03		
11	KT-A1k	80	5.5E-03	4.7E-04	6.3E-03	5.4E-04	1.9E-02	1.6E-03	3.7E-02	8.2E-03	2.1E-02	1.0E-01	9.0E-03	1.4E-01	1.2E-02	1.4E-01	1.2E-01	4.7E-02	7.8E-02	1.1E-01	1.3E-02	1.3E-03	2.3E-02	2.2E-03	1.7E-02	3.2E-02	3.3E-02	3.1E-03	3.5E-02	4.6E-03	4.3E-04	7.2E-03	6.7E-04	8.2E-03	7.8E-04	2.8E-02	2.7E-03	1.4E-02	1.3E-02	1.5E-02	2.7E-02	2.6E-03	2.6E-03		
12	KT-A1l	90	4.0E-03	3.1E-04	4.7E-03	3.6E-04	1.4E-02	1.1E-03	2.8E-02	6.1E-03	1.6E-02	7.7E-02	5.9E-03	1.0E-01	7.8E-03	1.1E-01	9.3E-02	3.5E-02	5.7E-02	7.8E-02	1.2E-02	1.0E-03	2.1E-02	1.8E-03	1.6E-02	3.0E-02	3.1E-02	2.6E-03	3.2E-02	4.2E-03	3.6E-04	6.6E-03	5.6E-04	7.6E-03	6.5E-04	2.6E-02	2.2E-03	1.3E-02	1.2E-02	1.4E-02	2.5E-02	2.2E-03	2.2E-03		
13	KT-A1m	100	3.3E-03	2.3E-04	3.8E-03	2.6E-04	1.1E-02	7.9E-04	2.2E-02	4.9E-03	1.3E-02	6.3E-02	4.4E-03	8.2E-02	5.7E-03	8.7E-02	7.5E-02	2.8E-02	4.7E-02	6.3E-02	1.2E-02	9.2E-04	2.0E-02	1.6E-03	1.5E-02	2.9E-02	2.3E-03	3.0E-02	4.0E-03	4.2E-03	3.2E-04	6.3E-03	5.0E-04	7.2E-03	5.7E-04	2.5E-02	2.0E-03	1.2E-02	1.2E-02	1.3E-02	2.4E-02	1.9E-03	1.9E-03		
14	KT-A2a	4	3.9E-02	5.6E-03	4.5E-02	6.4E-03	1.4E-01	1.9E-02	2.7E-01	5.9E-02	1.5E-01	7.5E-01	1.1E-01	8.8E-01	1.4E-01	1.0E+00	9.0E-01	3.4E-01	5.6E-01	7.6E-01	3.5E-02	6.2E-03	6.0E-02	1.1E-02	4.9E-02	8.5E-02	8.8E-02	1.6E-02	9.2E-02	1.2E-02	2.3E-03	1.9E-02	3.5E-03	2.2E-02	4.1E-03	7.5E-02	1.4E-02	3.6E-02	3.5E-02	4.0E-02	7.2E-02	1.4E-02	1.4E-02		
15	KT-A2b	8	3.6E-02	4.9E-03	4.2E-02	5.6E-03	1.3E-01	1.7E-02	2.5E-01	5.5E-02	1.4E-01	7.0E-01	9.3E-02	8.1E-01	1.2E-01	9.7E-01	8.4E-01	3.1E-01	5.2E-01	7.0E-01	3.2E-02	6.1E-03	5.5E-02	1.0E-02	4.1E-02	7.8E-02	8.1E-02	1.5E-02	8.4E-02	1.1E-02	2.1E-03	1.7E-02	3.3E-03	2.0E-02	3.8E-03	6.8E-02	1.3E-02	3.3E-02	3.2E-02	3.6E-02	6.6E-02	1.3E-02	1.3E-02		
16	KT-A2c	12	3.4E-02	4.2E-03	3.9E-02	4.8E-03	1.2E-01	1.4E-02	2.3E-01	5.1E-02	1.3E-01	6.4E-01	8.0E-02	9.4E-01	1.0E-01	8.9E-01	7.7E-01	2.9E-01	4.8E-01	6.5E-01	3.1E-02	5.6E-03	5.2E-02	9.5E-03	3.9E-02	7.4E-02	7.7E-02	1.4E-02	8.0E-02	1.1E-02	1.9E-03	1.6E-02	3.0E-03	1.9E-02	3.4E-03	6.5E-02	1.2E-02	3.2E-02	3.0E-02	3.4E-02	6.3E-02	1.1E-02	1.1E-02		
17	KT-A2d	16	3.1E-02	3.5E-03	3.5E-02	4.1E-03	1.1E-01	1.2E-02	2.1E-01	4.6E-02	1.2E-01	5.8E-01	6.8E-02	7.7E-01	8.9E-02	8.1E-01	7.0E-01	2.6E-01	4.3E-01	5.9E-01	2.9E-02	5.0E-03	5.0E-02	8.6E-03	3.7E-02	7.0E-02	7.3E-02	1.3E-02	7.6E-02	1.0E-02	1.7E-03	1.6E-02	2.7E-03	1.8E-02	3.1E-03	6.2E-02	1.1E-02	3.0E-02	2.9E-02	3.3E-02	6.0E-02	1.0E-02	1.0E-02		
18	KT-A2e	20	2.8E-02	3.1E-03	3.2E-02	3.6E-03	9.5E-02	1.1E-02	1.9E-01	4.2E-02	1.1E-01	5.3E-01	5.9E-02	6.9E-01	7.8E-02	7.3E-01	6.3E-01	2.4E-01	3.9E-01	5.3E-01	2.7E-02	4.5E-03	4.7E-02	7.8E-03	3.5E-02	6.6E-02	6.9E-02	1.1E-02	7.1E-02	9.4E-03	1.6E-03	1.5E-02	2.4E-03	1.7E-02	2.8E-03	5.8E-02	9.7E-03	2.8E-02	2.7E-02	3.1E-02	5.6E-02	9.3E-03	9.3E-03		
19	KT-A2f	30	2.0E-02	2.3E-03	2.4E-02	2.7E-03	7.1E-02	8.0E-02	1.4E-01	3.1E-02	7.9E-02	3.9E-01	4.4E-02	5.1E-01	5.8E-02	5.4E-01	4.7E-01	1.8E-01	2.9E-01	3.9E-01	2.3E-02	3.3E-03	4.0E-02	5.7E-03	2.9E-02	5.8E-02	8.4E-03	6.0E-02	8.0E-03	1.2E-03	1.8E-03	1.4E-02	2.1E-03	4.9E-02	7.1E-03	2.4E-02	2.3E-02	2.6E-02	4.8E-02	6.9E-03	6.9E-03				
20	KT-A2g	40	1.4E-02	1.7E-03	1.7E-02	1.9E-03	5.0E-02	5.7E-03	9.8E-02	2.2E-02	5.6E-02	2.8E-01	3.1E-02	3.6E-01	4.1E-02	3.8E-01	3.3E-01	1.2E-01	2.1E-01	2.8E-01	1.9E-02	2.7E-03	3.2E-02	4.7E-03	2.4E-02	4.6E-02	4.8E-02	6.6E-03	4.9E-02	6.5E-03	9.3E-04	1.0E-02	1.5E-03	1.2E-02	1.7E-03	4.0E-02	5.8E-03	2.0E-02	1.9E-02	2.1E-02	3.9E-02	5.6E-03	5.6E-03		
21	KT-A2h	50	1.0E-02	1.2E-03	1.2E-02	1.3E-03	3.5E-02	4.0E-03	6.9E-02	1.5E-02	3.9E-02	1.9E-01	2.2E-02	2.5E-01	2.9E-02	2.7E-01	2.3E-01	8.6E-02	1.4E-01	1.9E-01	1.6E-02	2.2E-03	2.7E-02	3.8E-03	2.0E-02	3.9E-02	4.0E-02	5.5E-03	4.2E-02	5.5E-03	7.5E-04	8.6E-03	1.2E-03	9.9E-03	1.4E-03	3.4E-02	4.7E-03	1.6E-02	1.6E-02	1.8E-02	3.3E-02	4.5E-03	4.5E-03		

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)			3.4E-04	4.0E-05	3.9E-04	4.6E-05	1.2E-03	1.4E-04	2.3E-03	5.1E-04	1.3E-03	6.4E-03	7.6E-04	8.4E-03	1.0E-03	8.9E-03	7.7E-03	2.9E-03	4.8E-03	6.5E-03	3.8E-04	5.4E-05	6.4E-04	9.4E-05	4.8E-04	9.1E-04	9.4E-04	1.4E-04	9.8E-04	1.3E-04	1.9E-05	2.0E-04	2.9E-05	2.3E-04	3.4E-05	8.0E-04	1.2E-04	3.9E-04	3.7E-04	4.2E-04	7.7E-04	1.1E-04				
			Hourly and Daily Average																																											
			Reprovisioning Option A (External ASR Only)																																											
ASR			Part 2																					Part 3																						
No.	Name	Height	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene			
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)			Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily
74	KT-A7d	16	2.3E-02	1.7E-03	2.6E-02	2.0E-03	7.8E-02	5.9E-03	1.5E-01	3.4E-02	8.7E-02	4.3E-01	3.3E-02	5.7E-01	4.3E-02	6.0E-01	5.2E-01	1.9E-01	3.2E-01	4.3E-01	4.2E-02	3.5E-03	7.2E-02	6.0E-03	5.4E-02	1.0E-01	1.1E-01	8.8E-03	1.1E-01	1.5E-02	1.2E-03	2.3E-02	1.9E-03	2.6E-02	2.2E-03	9.0E-02	7.5E-03	4.4E-02	4.2E-02	4.7E-02	8.7E-02	7.2E-03				
75	KT-A7e	20	1.4E-02	1.1E-03	1.7E-02	1.3E-03	5.0E-02	3.8E-03	9.9E-02	2.2E-02	5.6E-02	2.8E-01	2.1E-02	3.6E-01	2.8E-02	3.8E-01	3.3E-01	1.2E-01	2.1E-01	2.8E-01	2.8E-02	2.2E-03	4.9E-02	3.8E-03	3.6E-02	6.9E-02	7.1E-02	5.5E-03	7.4E-02	9.8E-03	7.5E-04	1.5E-02	1.2E-03	1.8E-02	1.4E-03	6.0E-02	4.7E-03	2.9E-02	2.8E-02	3.2E-02	5.8E-02	4.5E-03				
76	KT-A8a	4	4.7E-02	6.3E-03	5.4E-02	7.3E-03	1.6E-01	2.2E-02	3.2E-01	7.1E-02	1.8E-01	9.0E-01	1.2E-01	1.2E+00	1.6E-01	1.2E+00	1.1E+00	4.0E-01	6.7E-01	9.0E-01	1.1E-01	1.4E-02	1.8E-01	2.5E-02	1.4E-01	2.7E-01	3.5E-02	2.8E-01	3.7E-02	4.8E-03	5.8E-02	7.4E-03	6.6E-02	8.7E-03	2.3E-01	2.9E-02	1.1E-01	1.1E-01	1.2E-01	2.2E-01	2.8E-02					
77	KT-A8b	8	4.1E-02	5.5E-03	4.8E-02	6.4E-03	1.4E-01	1.9E-02	2.8E-01	6.2E-02	1.6E-01	7.9E-01	1.1E-01	1.0E+00	1.4E-01	1.1E+00	9.4E-01	3.5E-01	5.9E-01	7.9E-01	9.4E-02	1.1E-02	1.6E-01	1.9E-02	1.2E-01	2.3E-01	2.7E-02	2.4E-01	3.2E-02	3.7E-03	5.1E-02	5.7E-03	5.8E-02	6.7E-03	2.0E-01	2.3E-02	9.7E-02	9.3E-02	1.1E-01	1.9E-01	2.2E-02					
78	KT-A8c	12	3.6E-02	4.8E-03	4.1E-02	5.6E-03	1.2E-01	1.7E-02	2.4E-01	5.4E-02	1.4E-01	6.8E-01	9.2E-02	8.9E-01	1.2E-01	9.4E-01	8.2E-01	3.1E-01	5.1E-01	6.9E-01	8.0E-02	8.8E-03	1.4E-01	1.6E-02	1.0E-01	1.9E-01	2.2E-02	2.1E-01	2.8E-02	3.0E-03	4.3E-02	4.7E-03	5.0E-02	5.5E-03	1.7E-01	1.9E-02	8.3E-02	8.0E-02	9.0E-02	1.7E-01	1.8E-02					
79	KT-A8d	16	3.1E-02	4.1E-03	3.6E-02	4.8E-03	1.1E-01	1.4E-02	2.1E-01	4.7E-02	1.2E-01	6.0E-01	7.9E-02	7.9E-01	1.0E-01	8.3E-01	7.2E-01	2.7E-01	4.5E-01	6.0E-01	6.8E-02	7.8E-03	1.2E-01	1.4E-02	8.6E-02	1.6E-01	1.7E-01	2.0E-02	1.8E-01	2.3E-02	2.7E-03	3.7E-02	4.2E-03	4.2E-02	4.9E-03	1.4E-01	1.7E-02	7.0E-02	6.7E-02	7.6E-02	1.4E-01	1.6E-02				
80	KT-A8e	20	2.9E-02	3.5E-03	3.3E-02	4.0E-03	1.0E-01	1.2E-02	2.0E-01	4.3E-02	1.1E-01	5.5E-01	6.6E-02	7.2E-01	8.7E-02	7.6E-01	6.6E-01	2.5E-01	4.1E-01	5.5E-01	5.6E-02	6.8E-03	9.6E-02	1.2E-02	7.1E-02	1.4E-01	1.4E-01	1.7E-02	1.5E-01	1.9E-02	2.3E-03	3.0E-02	3.7E-03	3.5E-02	4.2E-03	4.2E-03	1.2E-01	1.5E-02	5.8E-02	5.6E-02	6.3E-02	1.2E-01	1.4E-02			
81	KT-A8f	30	2.3E-02	2.5E-03	2.6E-02	2.8E-03	7.8E-02	8.5E-03	1.5E-01	3.4E-02	8.7E-02	4.3E-01	4.7E-02	5.6E-01	6.1E-02	6.0E-01	5.2E-01	1.9E-01	3.2E-01	4.3E-01	3.3E-02	4.6E-03	5.6E-02	8.0E-03	7.9E-02	8.2E-02	1.2E-02	8.5E-02	1.1E-02	1.6E-03	1.8E-02	2.5E-02	2.9E-03	2.0E-02	2.9E-03	7.0E-02	9.9E-03	3.4E-02	3.3E-02	3.7E-02	6.8E-02	9.6E-03				
82	KT-A8g	40	1.7E-02	2.0E-03	1.9E-02	2.3E-03	5.8E-02	6.9E-03	1.1E-01	2.5E-02	6.4E-02	3.2E-01	3.8E-02	4.2E-01	5.0E-02	4.4E-01	3.8E-01	1.4E-01	2.4E-01	3.2E-01	2.1E-02	3.0E-03	3.7E-02	5.1E-03	2.7E-02	5.2E-02	5.4E-02	7.4E-03	5.6E-02	7.4E-03	1.0E-03	1.2E-02	1.6E-03	1.3E-02	1.8E-03	4.6E-02	6.3E-03	2.2E-02	2.1E-02	2.4E-02	4.4E-02	6.1E-03				
83	KT-A8h	50	1.2E-02	1.6E-03	1.4E-02	1.8E-03	4.1E-02	5.5E-03	8.1E-02	1.8E-02	4.6E-02	2.3E-01	3.0E-02	3.0E-01	4.0E-02	3.1E-01	2.7E-01	1.0E-01	1.7E-01	2.3E-01	1.3E-02	1.8E-03	2.3E-02	3.1E-03	1.7E-02	3.3E-02	3.4E-02	4.5E-03	3.5E-02	4.6E-03	6.1E-04	7.3E-03	9.6E-04	8.4E-03	1.1E-03	2.9E-02	3.8E-03	1.4E-02	1.3E-02	1.5E-02	2.8E-02	3.7E-03				
84	KT-A8i	60	9.1E-03	1.2E-03	1.0E-02	1.4E-03	3.2E-02	4.2E-03	6.2E-02	1.4E-02	3.5E-02	1.7E-01	2.3E-02	2.3E-01	3.0E-02	2.4E-01	2.1E-01	7.8E-02	1.3E-01	1.8E-01	8.1E-03	1.0E-03	1.4E-02	1.8E-03	1.0E-02	1.9E-02	2.0E-02	2.6E-03	2.1E-02	2.8E-03	3.5E-04	4.4E-03	5.5E-04	5.0E-03	6.3E-04	1.7E-02	2.2E-03	8.3E-03	8.0E-03	9.1E-03	1.7E-02	2.1E-03				
85	KT-A8j	70	7.4E-03	9.0E-04	8.5E-03	1.0E-03	2.6E-02	3.1E-03	5.1E-02	1.1E-02	2.9E-02	1.4E-01	1.7E-02	1.9E-01	2.3E-02	2.0E-01	1.7E-01	6.3E-02	1.1E-01	1.4E-01	4.6E-03	5.6E-04	7.9E-03	9.5E-04	5.9E-03	1.1E-02	1.2E-02	1.4E-03	1.2E-02	1.6E-03	1.9E-04	2.5E-03	3.0E-04	2.9E-03	3.5E-04	9.9E-03	1.2E-03	4.8E-03	4.6E-03	5.2E-03	9.6E-03	1.2E-03				
86	KT-A8k	80	6.2E-03	6.6E-04	7.1E-03	7.6E-04	2.1E-02	2.3E-03	4.2E-02	9.3E-03	2.4E-02	1.2E-01	1.3E-02	1.5E-01	1.6E-02	1.6E-01	1.4E-01	5.3E-02	8.8E-02	1.2E-01	2.6E-03	2.9E-04	4.5E-03	5.0E-04	3.3E-03	6.3E-03	6.6E-03	7.3E-04	6.8E-03	9.0E-04	1.0E-04	1.4E-03	1.6E-04	1.6E-03	1.8E-04	1.6E-03	1.8E-04	5.6E-03	6.2E-04	2.7E-03	2.6E-03	2.9E-03	5.4E-03	6.0E-04		
87	KT-A8l	90	5.4E-03	4.6E-04	6.2E-03	5.3E-04	1.9E-02	1.6E-03	3.7E-02	8.1E-03	2.1E-02	1.0E-01	8.9E-03	1.4E-01	1.2E-02	1.4E-01	1.2E-01	4.6E-02	7.7E-02	1.0E-01	1.6E-03	1.5E-04	2.7E-03	2.5E-04	2.0E-03	3.9E-03	4.0E-03	3.7E-04	4.2E-03	5.5E-04	5.0E-05	8.6E-04	8.0E-05	9.9E-04	9.0E-05	3.4E-03	3.1E-04	1.6E-03	1.6E-03	1.8E-03	3.3E-03	3.0E-04				
88	KT-A8m	100	5.1E-03	4.0E-04	5.9E-03	4.6E-04	1.8E-02	1.4E-03	3.5E-02	7.7E-03	2.0E-02	9.8E-02	7.7E-03	1.3E-01	1.0E-02	1.4E-01	1.2E-01	4.4E-02	7.3E-02	9.9E-02	1.3E-03	1.0E-04	2.2E-03	1.7E-04	1.6E-03	3.1E-03	3.2E-03	2.4E-04	3.3E-03	4.4E-04	3.0E-05	6.9E-04	5.0E-05	7.9E-04	6.0E-05	2.7E-03	2.1E-04	1.3E-03	1.3E-03	1.4E-03	2.6E-03	2.0E-04				
89	KT-A9a	4	2.9E-01	2.5E-02	3.3E-01	2.9E-02	9.9E-01	8.6E-02	2.0E+00	4.3E-01	1.1E+00	5.5E+00	4.8E-01	7.2E+00	6.2E-01	7.6E+00	6.6E+00	2.4E+00	4.1E+00	5.5E+00	3.6E-01	5.4E-02	6.1E-01	9.4E-02	4.6E-01	8.7E-01	9.0E-01	1.4E-01	9.4E-01	1.2E-01	1.9E-02	1.9E-01	2.9E-02	2.2E-01	3.4E-02	7.6E-01	1.2E-01	3.7E-01	3.6E-01	4.0E-01	7.4E-01	1.1E-01				
90	KT-A9b	8	2.1E-01	1.8E-02	2.4E-01	2.1E-02	7.2E-01	6.2E-02	1.4E+00	3.2E-01	8.1E-01	4.0E+00	3.5E-01	5.3E+00	4.5E-01	5.5E+00	4.8E+00	1.8E+00	3.0E+00	4.0E+00	1.8E-01	3.1E-02	3.1E-01	5.3E-02	2.3E-01	4.4E-01	4.6E-01	7.7E-02	4.8E-01	6.3E-02	1.1E-02	9.8E-02	1.6E-02	1.1E-01	1.9E-02	3.9E-01	6.5E-02	1.9E-01	1.8E-01	2.0E-01	3.8E-01	6.3E-02				
91	KT-P1a	4	1.2E-01	8.0E-03	1.3E-01	9.3E-03	4.0E-01	2.8E-02	7.9E-01	1.7E-01	4.5E-01	2.2E+00	1.5E-01	2.9E+00	2.0E-01	3.1E+00	2.7E+00	9.9E-01	1.6E+00	2.2E+00	1.1E-01	7.7E-03	1.8E-01	1.4E-02	1.3E-01	2.6E-01	2.7E-01	1.9E-02	2.8E-01	3.7E-02	2.7E-03	5.7E-02	4.2E-03	6.6E-02	4.9E-03	2.3E-01	1.6E-02	1.1E-01	1.1E-01	1.2E-01	2.2E-01	1.6E-02				
92	KT-P1b	8	8.8E-02	6.8E-03	1.0E-01	7.9E-03	3.0E-01	2.4E-02	6.0E-01	1.3E-01	3.4E-01	1.7E+00	1.3E-01	2.2E+00	1.7E-01	2.3E+00	2.0E+00	7.5E-01	1.3E+00	1.7E+00	9.1E-02	7.0E-03	1.6E-01	1.3E-02	1.2E-01	2.2E-01	1.8E-02	2.4E-01	3.1E-02	2.4E-03	3.1E-02	2.4E-03	3.1E-02	4.9E-02	3.8E-03	5.6E-02	4.5E-03	1.9E-01	1.5E-02	9.4E-02	9.0E-02	1.0E-01	1.9E-01	1.4E-02		
93	KT-P1c	12	6.1E-02	5.6E-03	7.0E-02	6.5E-03	2.1E-01	1.9E-02	4.2E-01	9.2E-02	2.4E-01	1.2E+00	1.1E-01	1.5E+00	1.4E-01	1.6E+00	1.4E+00	5.2E-01	8.7E-01	1.2E+00	7.4E-02	6.2E-03	1.3E-01	1.1E-02	9.4E-02	1.8E-01	1.9E-01	1.6E-02	1.9E-01	2.5E-02	2.1E-03	4.0E-02	3.4E-03	4.6E-02	3.9E-03	1.6E-01	1.3E-02	7.6E-02	7.3E-02	8.3E-02	1.5E-01	1.3E-02				
94	KT-P1d	16	4.9E-02	5.0E-03	5.7E-02	5.7E-03	1.7E-01	1.7E-02	3.4E-01	7.5E-02	1.9E-01	9.5E-01	9.5E-02	1.2E+00	1.2E-01	1.3E+00	1.1E+00	4.2E-01	7.0E-01	9.5E-01	5.7E-02	5.4E-03	9.7E-02	9.7E-03	7.2E-02	1.4E-01	1.4E-01	1.3E-02	1.5E-01	2.0E-02	1.8E-03	3.1E-02	2.9E-03	3.5E-02	3.4E-03	1.2E-01	1.1E-02	5.9E-02	5.7E-02	6.4E-02	1.2E-01	1.1E-02				
95	KT-P1e	20	4.6E-02	4.4E-03	5.3E-02	5.0E-03	1.6E-01	1.5E-02	3.1E-01	7.0E-02	1.8E-01	8.8E-01	8.3E-02	1.2E+00	1.1E-01	1.2E+00	1.1E+00	3.9E-01	6.6E-01																											

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)			2.0E-04	2.6E-05	2.3E-04	3.0E-05	6.8E-04	1.0E-04	6.5E-03	1.6E-03	2.0E-03	2.4E-02	2.2E-03	1.6E-02	1.5E-03	7.1E-02	1.1E-02	7.0E-03	1.6E-02	2.0E-02	1.6E-04	1.6E-05	9.8E-04	1.0E-04	5.7E-04	3.2E-03	3.8E-03	3.9E-04	4.8E-03	1.7E-04	1.8E-05	2.0E-04	2.1E-05	2.3E-04	2.4E-05	7.0E-04	7.2E-05	1.8E-03	4.8E-04	7.0E-04	1.1E-02	1.1E-03								
			Hourly and Daily Average																																															
			Reprovisioning Option B																																															
ASR			Part 1																								Part 2																							
No.	Name	Height	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene								
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)			Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily					
1	KT-A1a	4	1.7E-01	1.7E-02	1.9E-01	2.0E-02	5.7E-01	6.0E-02	5.5E+00	1.3E+00	1.7E+00	2.0E+01	2.1E+00	1.4E+01	1.4E+00	6.0E+01	9.1E+00	5.9E+00	1.4E+01	1.7E+01	8.0E-02	9.0E-03	4.9E-01	5.5E-02	2.9E-01	1.6E+00	1.9E+00	2.2E-01	2.4E+00	8.7E-02	9.7E-03	1.0E-01	1.1E-02	1.2E-01	1.3E-02	3.5E-01	3.9E-02	9.2E-01	2.4E-01	3.5E-01	5.4E+00	6.0E-01								
2	KT-A1b	8	1.1E-01	1.0E-02	1.2E-01	1.2E-02	3.7E-01	3.6E-02	3.6E+00	8.6E-01	1.1E+00	1.2E+00	1.2E+00	9.1E+00	8.6E-01	3.9E+01	6.0E+00	3.9E+00	9.1E+00	1.1E+01	5.1E-02	5.8E-03	3.1E-01	3.6E-02	1.8E-01	1.0E+00	1.2E+00	1.4E-01	1.6E+00	5.5E-02	6.3E-03	6.5E-02	7.4E-03	7.5E-02	8.6E-03	2.3E-01	2.6E-02	5.8E-01	1.5E-01	2.2E-01	3.4E+00	3.9E-01								
3	KT-A1c	12	6.9E-02	6.0E-03	7.9E-02	6.9E-03	2.4E-01	2.1E-02	2.3E+00	5.4E-01	6.9E-01	8.3E+00	7.2E-01	5.7E+00	5.0E-01	2.5E+01	3.8E+00	2.5E+00	5.8E+00	7.2E+00	3.2E-02	3.8E-03	1.9E-01	2.4E-02	1.1E-01	6.4E-01	7.6E-01	9.2E-02	9.6E-01	3.4E-02	4.1E-03	4.0E-02	4.9E-03	4.6E-02	5.6E-03	1.4E-01	1.7E-02	3.6E-01	9.4E-02	1.4E-01	2.1E+00	2.6E-01								
4	KT-A1d	16	4.2E-02	3.4E-03	4.9E-02	3.9E-03	1.5E-01	1.2E-02	1.4E+00	3.3E-01	4.2E-01	5.1E+00	4.1E-01	3.5E+00	2.8E-01	1.5E+01	2.3E+00	1.5E+00	3.5E+00	4.4E+00	2.1E-02	2.5E-03	1.3E-01	1.5E-02	7.6E-02	4.3E-01	5.1E-01	6.0E-02	6.4E-01	2.3E-02	2.7E-03	2.7E-02	3.1E-03	3.1E-02	3.6E-03	9.4E-02	1.1E-02	2.4E-01	6.4E-02	9.3E-02	1.4E+00	1.7E-01								
5	KT-A1e	20	2.5E-02	2.3E-03	2.9E-02	2.7E-03	8.7E-02	9.1E-03	8.4E-01	2.0E-01	2.5E-01	3.1E+00	2.3E-01	2.1E+00	1.6E-01	9.2E+00	1.4E+00	9.0E-01	2.1E+00	2.6E+00	1.2E-02	1.6E-03	8.8E-02	9.5E-03	3.5E-01	3.8E-02	4.4E-01	1.6E-02	1.7E-03	1.8E-02	2.0E-03	2.1E-02	2.3E-02	6.3E-02	7.0E-03	1.6E-01	4.3E-02	6.3E-02	9.7E-01	1.1E-01										
6	KT-A1f	30	1.2E-02	1.8E-03	1.3E-02	2.1E-03	4.6E-02	7.1E-03	2.2E-01	6.5E-02	7.7E-02	8.1E-01	5.0E-02	5.6E-01	3.5E-02	2.4E+00	3.7E-01	2.4E-01	5.6E-01	7.0E-01	5.0E-03	5.0E-04	3.0E-02	3.1E-03	1.8E-02	1.0E-01	1.2E-01	1.2E-02	1.5E-01	5.4E-03	5.4E-04	6.3E-03	6.4E-04	7.3E-03	7.3E-04	2.2E-02	2.2E-03	5.7E-02	1.5E-02	2.2E-02	3.3E-01	3.4E-02								
7	KT-A1g	40	9.6E-03	1.4E-03	1.1E-02	1.6E-03	3.8E-02	5.6E-03	5.9E-02	5.4E-02	6.4E-02	1.8E-01	2.3E-02	1.3E-01	1.7E-02	5.4E-01	8.2E-02	1.3E-01	1.8E-01	1.9E-01	1.5E-03	1.4E-04	9.3E-03	8.8E-04	5.4E-03	3.1E-02	3.6E-02	3.5E-03	4.6E-02	1.6E-03	1.5E-04	1.9E-03	1.8E-04	2.2E-03	2.1E-04	6.7E-03	6.3E-04	1.7E-02	4.5E-03	6.6E-03	1.0E-01	9.6E-03								
8	KT-A1h	50	7.9E-03	1.1E-03	9.2E-03	1.3E-03	3.1E-02	4.4E-03	4.9E-02	4.5E-02	5.3E-02	1.3E-01	1.8E-02	9.6E-02	1.3E-02	3.6E-01	4.9E-02	1.1E-01	1.8E-01	1.9E-01	4.0E-04	4.0E-05	2.5E-03	2.3E-04	1.4E-03	8.2E-03	9.7E-03	8.9E-04	1.2E-02	4.4E-04	4.0E-05	5.7E-04	5.0E-05	2.9E-03	5.0E-05	1.8E-03	1.6E-04	4.6E-03	1.2E-03	9.4E-03	2.7E-02	2.5E-03								
9	KT-A1i	60	7.1E-03	8.6E-04	8.2E-03	9.9E-04	2.8E-02	3.4E-03	4.4E-02	4.0E-02	4.7E-02	1.2E-01	1.4E-02	8.6E-02	1.0E-02	3.2E-01	4.3E-02	9.9E-02	1.4E-01	1.4E-01	9.0E-05	1.0E-05	5.8E-04	5.0E-05	3.3E-04	1.9E-03	2.3E-03	2.0E-04	2.8E-03	1.0E-04	1.0E-05	1.2E-04	1.0E-05	1.4E-04	1.0E-05	4.1E-04	4.0E-05	1.1E-03	2.8E-04	4.1E-04	6.3E-03	5.6E-04								
10	KT-A1j	70	6.3E-03	6.7E-04	7.3E-03	7.8E-04	2.5E-02	2.7E-03	3.9E-02	3.6E-02	4.2E-02	1.0E-01	1.1E-02	7.7E-02	8.1E-03	2.9E-01	3.9E-02	8.8E-02	1.2E-01	1.2E-01	2.0E-05	0.0E+00	1.2E-04	1.0E-05	7.0E-05	3.9E-04	4.6E-04	4.0E-05	5.7E-04	2.0E-05	0.0E+00	2.0E-05	0.0E+00	3.0E-05	0.0E+00	8.0E-05	1.0E-05	2.2E-04	6.0E-05	2.2E-04	2.0E-05									
11	KT-A1k	80	5.7E-03	5.4E-04	6.6E-03	6.2E-04	2.3E-02	2.1E-03	3.5E-02	3.2E-02	3.8E-02	9.4E-02	8.8E-03	6.9E-02	6.5E-03	2.6E-01	3.5E-02	8.0E-02	1.1E-01	1.1E-01	0.0E+00	0.0E+00	2.0E-05	0.0E+00	1.0E-05	7.0E-05	8.0E-05	1.0E-05	1.0E-04	0.0E+00	0.0E+00	0.0E+00	3.0E-05	0.0E+00	8.0E-05	1.0E-05	2.2E-04	2.0E-05												
12	KT-A1l	90	5.3E-03	4.5E-04	6.1E-03	5.2E-04	2.1E-02	1.8E-03	3.2E-02	3.0E-02	3.5E-02	8.6E-02	7.4E-03	6.4E-02	5.4E-03	2.4E-01	3.2E-02	7.3E-02	1.0E-01	1.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	1.0E-05	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	0.0E+00	0.0E+00	0.0E+00	0.0E+00								
13	KT-A1m	100	5.0E-03	4.0E-04	5.8E-03	4.6E-04	2.0E-02	1.6E-03	3.1E-02	2.8E-02	3.3E-02	8.2E-02	6.5E-03	6.0E-02	4.8E-03	2.3E-01	3.1E-02	7.0E-02	9.6E-02	9.8E-02	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	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	0.0E+00							
14	KT-A2a	4	2.3E-02	3.4E-03	2.7E-02	4.0E-03	8.5E-02	1.3E-02	5.1E-01	1.6E-01	2.0E-01	1.8E+00	2.0E-01	1.3E+00	1.4E-01	5.4E+00	8.1E-01	6.2E-01	1.3E+00	1.6E+00	3.2E-02	4.6E-03	2.0E-01	2.9E-02	1.1E-01	6.5E-01	7.7E-01	1.1E-01	9.7E-01	3.5E-02	5.0E-03	4.1E-02	5.9E-03	4.7E-02	6.8E-03	1.4E-01	2.0E-02	3.6E-01	9.5E-02	1.4E-01	2.1E+00	3.1E-01								
15	KT-A2b	8	1.5E-02	2.8E-03	1.8E-02	3.2E-03	6.0E-02	1.1E-02	2.5E-01	9.8E-02	1.2E-01	8.4E-01	9.1E-02	5.9E-01	6.5E-02	2.5E+00	3.7E-01	3.3E-01	6.6E-01	7.8E-01	2.4E-02	3.5E-03	1.5E-01	2.2E-02	8.5E-02	4.9E-01	5.7E-01	8.5E-02	7.2E-01	2.6E-02	3.8E-03	3.0E-02	4.5E-03	3.5E-02	5.2E-03	1.0E-01	1.6E-02	2.7E-01	1.0E-01	1.6E+00	2.4E-01									
16	KT-A2c	12	1.4E-02	2.4E-03	1.6E-02	2.8E-03	5.4E-02	9.6E-03	1.3E-01	7.7E-02	9.2E-02	4.2E-01	5.2E-02	2.9E-01	3.8E-02	1.2E+00	1.8E-01	2.1E-01	3.6E-01	4.1E-01	1.7E-02	2.6E-03	1.1E-01	1.6E-02	6.2E-02	3.5E-01	4.2E-01	6.3E-02	5.2E-01	1.9E-02	2.3E-03	2.5E-02	3.8E-03	7.7E-02	1.2E-02	2.0E-01	5.2E-02	1.2E+00	1.2E+00	1.8E-01										
17	KT-A2d	16	1.3E-02	2.2E-03	1.5E-02	2.5E-03	5.0E-02	8.6E-03	8.2E-02	7.1E-02	8.4E-02	2.4E-01	3.7E-02	1.8E-01	2.7E-02	7.0E-01	9.9E-02	1.8E-01	2.5E-01	2.6E-01	1.4E-02	1.9E-03	8.4E-02	1.2E-02	4.9E-02	2.8E-01	3.3E-01	4.7E-02	4.1E-01	1.5E-02	2.1E-03	1.7E-02	2.5E-03	2.0E-02	2.8E-03	6.0E-02	8.5E-03	1.6E-01	4.1E-02	6.0E-02	9.2E-01	1.3E-01								
18	KT-A2e	20	1.2E-02	2.0E-03	1.4E-02	2.3E-03	4.7E-02	7.7E-03	7.3E-02	6.6E-02	7.9E-02	2.0E-01	3.2E-02	1.4E-01	2.4E-02	5.4E-01	7.3E-02	1.6E-01	2.3E-01	2.3E-01	1.0E-02	1.5E-03	6.4E-02	8.9E-03	3.7E-02	2.1E-01	2.5E-01	3.5E-02	3.2E-01	1.1E-02	1.6E-03	1.3E-02	1.9E-03	1.5E-02	2.1E-03	4.6E-02	6.4E-02	7.0E-01	9.7E-02											
19	KT-A2f	30	9.9E-03	1.4E-03	1.2E-02	1.7E-03	3.9E-02	5.7E-03	6.1E-02	5.6E-02	6.9E-02	1.8E-01	2.4E-02	1.2E-01	1.7E-02	4.5E-01	6.1E-02	1.4E-01	1.9E-01	2.0E-01	5.0E-03	6.6E-04	3.1E-02	4.0E-03	1.8E-02	1.0E-01	1.2E-01	1.6E-02	1.5E-01	5.4E-03	7.1E-04	6.4E-03	8.4E-04	7.3E-03	9.6E-04	2.2E-02	2.9E-03	5.7E-02	1.5E-02	4.6E-02	3.0E-01	4.4E-02								
20	KT-A2g	40	8.2E-03	1.2E-03	9.4E-03	1.4E-03	3.2E-02	4.6E-03	5.0E-02	4.6E-02	5.4E-02	1.3E-01	1.9E-02	9.9E-02	1.4E-02	3.7E-01	5.0E-02	1.1E-01	1.6E-01	1.6E-01	2.1E-03	2.7E-04	1.3E-02	1.7E-03	7.6E-03	4.3E-02	5.1E-02	6.5E-03	6.4E-02	2.3E-03	2.9E-04	2.7E-03	3.4E-04	3.1E-03	4.0E-04	9.4E-03	1.2E-03													

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)			2.0E-04	2.6E-05	2.3E-04	3.0E-05	6.8E-04	1.0E-04	6.5E-03	1.6E-03	2.0E-03	2.4E-02	2.2E-03	1.6E-02	1.5E-03	7.1E-02	1.1E-02	7.0E-03	1.6E-02	2.0E-02	1.6E-04	1.6E-05	9.8E-04	1.0E-04	5.7E-04	3.2E-03	3.8E-03	3.9E-04	4.8E-03	1.7E-04	1.8E-05	2.0E-04	2.1E-05	2.3E-04	2.4E-05	7.0E-04	7.2E-05	1.8E-03	4.8E-04	7.0E-04	1.1E-02	1.1E-03				
			Hourly and Daily Average																																											
			Reprovisioning Option B																																											
ASR			Part 1																				Part 2																							
No.	Name	Height	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthylene	Fluorene	Chrysene	Chrysene		
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)			Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily
74	KT-A7d	16	5.3E-02	5.8E-03	6.1E-02	6.7E-03	1.8E-01	2.0E-02	1.7E+00	4.2E-01	5.3E-01	6.4E+00	7.0E-01	4.4E+00	4.8E-01	1.9E+01	2.9E+00	1.9E+00	4.4E+00	5.5E+00	2.2E-02	2.0E-03	1.4E-01	1.3E-02	8.0E-02	4.6E-01	5.4E-01	4.8E-02	6.8E-01	2.4E-02	2.2E-03	2.9E-02	2.6E-03	3.3E-02	3.0E-03	9.9E-02	8.8E-03	2.6E-01	6.7E-02	9.8E-02	1.5E+00	1.3E-01				
75	KT-A7e	20	4.5E-02	4.9E-03	5.2E-02	5.7E-03	1.6E-01	1.7E-02	1.5E+00	3.6E-01	4.5E-01	5.5E+00	5.9E-01	3.8E+00	4.1E-01	1.6E+01	2.5E+00	1.6E+00	3.8E+00	4.7E+00	2.0E-02	1.8E-03	1.2E-01	1.1E-02	7.0E-02	4.0E-01	4.7E-01	4.3E-02	5.9E-01	2.1E-02	1.9E-03	2.5E-02	2.3E-03	2.9E-02	2.6E-03	8.6E-02	7.8E-03	2.2E-01	5.8E-02	8.6E-02	1.3E+00	1.2E-01				
76	KT-A8a	4	7.5E-02	7.4E-03	8.7E-02	8.7E-03	2.8E-01	2.9E-02	1.4E+00	4.9E-01	6.0E-01	5.1E+00	3.8E-01	3.5E+00	2.6E-01	1.5E+01	2.3E+00	1.7E+00	3.7E+00	4.5E+00	1.4E-02	1.8E-03	8.8E-02	1.2E-02	5.1E-02	2.9E-01	3.4E-01	4.3E-02	4.3E-01	1.5E-02	1.9E-03	1.8E-02	2.3E-03	2.1E-02	2.7E-03	6.3E-02	7.9E-03	1.6E-01	4.3E-02	6.3E-02	9.6E-01	1.2E-01				
77	KT-A8b	8	6.3E-02	6.0E-03	7.3E-02	7.0E-03	2.3E-01	2.3E-02	1.3E+00	4.2E-01	5.2E-01	4.8E+00	3.5E-01	3.3E+00	2.5E-01	1.4E+01	2.1E+00	1.6E+00	3.4E+00	4.2E+00	1.4E-02	1.7E-03	8.3E-02	1.1E-02	4.8E-02	2.8E-01	3.3E-01	4.1E-02	4.1E-01	1.5E-02	1.8E-03	1.7E-02	2.2E-03	2.0E-02	2.5E-03	6.0E-02	7.5E-03	1.5E-01	4.0E-02	5.9E-02	9.1E-01	1.1E-01				
78	KT-A8c	12	5.2E-02	5.2E-03	6.0E-02	6.1E-03	1.9E-01	2.0E-02	1.2E+00	3.6E-01	4.4E-01	4.5E+00	3.3E-01	3.1E+00	2.3E-01	1.3E+01	2.0E+00	1.4E+00	3.2E+00	3.9E+00	1.3E-02	1.6E-03	7.8E-02	1.0E-02	4.5E-02	2.6E-01	3.1E-01	3.9E-02	3.9E-01	1.4E-02	1.7E-03	1.6E-02	2.0E-03	1.9E-02	2.4E-03	5.6E-02	7.1E-03	1.5E-01	3.8E-02	5.6E-02	8.6E-01	1.1E-01				
79	KT-A8d	16	4.4E-02	4.7E-03	5.0E-02	5.5E-03	1.7E-01	1.8E-02	1.2E+00	3.1E-01	3.9E-01	4.2E+00	3.1E-01	2.9E+00	2.2E-01	1.3E+01	1.9E+00	1.3E+00	3.0E+00	3.6E+00	1.2E-02	1.5E-03	7.3E-02	9.6E-03	4.2E-02	2.4E-01	2.9E-01	3.6E-02	3.6E-01	1.3E-02	1.6E-03	1.5E-02	1.9E-03	1.7E-02	2.2E-03	5.2E-02	6.6E-03	1.4E-01	3.6E-02	5.2E-02	8.0E-01	1.0E-01				
80	KT-A8e	20	3.8E-02	4.3E-03	4.4E-02	5.0E-03	1.4E-01	1.6E-02	1.1E+00	2.8E-01	3.5E-01	3.9E+00	2.9E-01	2.7E+00	2.0E-01	1.2E+01	1.8E+00	1.2E+00	2.7E+00	3.4E+00	1.1E-02	1.4E-03	6.8E-02	8.9E-03	3.9E-02	2.2E-01	2.7E-01	3.4E-02	3.3E-01	1.2E-02	1.5E-03	1.4E-02	1.8E-03	1.6E-02	2.1E-03	4.9E-02	6.2E-03	1.3E-01	3.3E-02	4.8E-02	7.4E-01	9.4E-02				
81	KT-A8f	30	2.8E-02	3.3E-03	3.2E-02	3.8E-03	1.0E-01	1.2E-02	8.7E-01	2.2E-01	2.7E-01	3.2E+00	2.5E-01	2.2E+00	1.7E-01	9.6E+00	1.4E+00	9.6E-01	2.2E+00	2.8E+00	8.8E-03	1.1E-03	5.4E-02	7.1E-03	3.1E-02	1.8E-01	2.1E-01	2.7E-02	2.7E-01	9.5E-03	1.2E-03	1.1E-02	1.4E-03	1.3E-02	1.7E-03	3.9E-02	5.0E-03	1.0E-01	2.6E-02	3.9E-02	5.9E-01	7.6E-02				
82	KT-A8g	40	2.1E-02	2.5E-03	2.5E-02	2.9E-03	7.4E-02	9.1E-03	6.9E-01	1.7E-01	2.1E-01	2.5E+00	2.1E-01	1.7E+00	1.5E-01	7.6E+00	1.1E+00	7.5E-01	1.8E+00	2.2E+00	7.4E-03	8.7E-04	4.5E-02	5.5E-03	2.6E-02	1.5E-01	1.8E-01	2.1E-02	2.2E-01	8.0E-03	9.4E-04	9.4E-03	1.1E-03	1.1E-02	1.3E-03	3.3E-02	3.8E-03	8.4E-02	2.2E-02	3.2E-02	5.0E-01	5.8E-02				
83	KT-A8h	50	1.6E-02	1.9E-03	1.9E-02	2.2E-03	5.6E-02	6.9E-03	5.3E-01	1.3E-01	1.6E-01	2.0E+00	1.8E-01	1.3E+00	1.2E-01	5.9E+00	8.9E-01	5.8E-01	1.4E+00	1.7E+00	6.6E-03	6.4E-04	4.0E-02	4.1E-03	2.3E-02	1.3E-01	1.6E-01	1.6E-02	2.0E-01	7.1E-03	7.0E-04	8.4E-03	8.2E-04	9.7E-03	9.5E-04	2.9E-02	2.8E-03	7.5E-02	2.0E-02	2.9E-02	4.4E-01	4.3E-02				
84	KT-A8i	60	1.3E-02	1.5E-03	1.5E-02	1.7E-03	4.5E-02	5.3E-03	4.2E-01	1.0E-01	1.3E-01	1.5E+00	1.5E-01	1.1E+00	1.0E-01	4.6E+00	6.9E-01	4.6E-01	1.1E+00	1.3E+00	5.9E-03	5.5E-04	3.6E-02	3.4E-03	2.1E-02	1.2E-01	1.4E-01	1.3E-02	1.8E-01	6.3E-03	5.9E-04	7.5E-03	7.0E-04	8.6E-03	8.1E-04	2.6E-02	2.4E-03	6.7E-02	1.7E-02	2.6E-02	3.9E-01	3.7E-02				
85	KT-A8j	70	1.2E-02	1.2E-03	1.4E-02	1.4E-03	4.1E-02	4.2E-03	3.9E-01	9.4E-02	1.2E-01	1.4E+00	1.2E-01	9.8E-01	8.4E-02	4.3E+00	6.4E-01	4.2E-01	9.8E-01	1.2E+00	5.2E-03	4.9E-04	3.2E-02	3.0E-03	1.9E-02	1.1E-01	1.3E-01	1.2E-02	1.6E-01	5.7E-03	5.3E-04	6.7E-03	6.2E-04	7.7E-03	7.2E-04	2.3E-02	2.2E-03	6.0E-02	1.6E-02	2.3E-02	3.5E-01	3.3E-02				
86	KT-A8k	80	1.1E-02	9.7E-04	1.3E-02	1.1E-03	3.8E-02	3.4E-03	3.6E-01	8.7E-02	1.1E-01	1.3E+00	1.1E-01	9.2E-01	7.5E-02	4.0E+00	6.1E-01	3.9E-01	9.2E-01	1.1E+00	4.8E-03	4.3E-04	2.9E-02	2.7E-03	1.7E-02	9.7E-02	1.2E-01	1.0E-02	1.4E-01	5.2E-03	4.6E-04	6.1E-03	5.5E-04	7.0E-03	6.3E-04	2.1E-02	1.9E-03	5.4E-02	1.4E-02	2.1E-02	3.2E-01	2.9E-02				
87	KT-A8l	90	1.1E-02	9.2E-04	1.2E-02	1.1E-03	3.7E-02	3.2E-03	3.5E-01	8.4E-02	1.1E-01	1.3E+00	1.1E-01	8.8E-01	7.3E-02	3.8E+00	5.8E-01	3.8E-01	8.9E-01	1.1E+00	4.5E-03	3.8E-04	2.8E-02	2.4E-03	1.6E-02	9.2E-02	1.1E-01	9.3E-03	1.4E-01	4.9E-03	4.2E-04	5.8E-03	4.9E-04	6.6E-03	5.7E-04	2.0E-02	1.7E-03	5.2E-02	1.4E-02	2.0E-02	3.0E-01	2.6E-02				
88	KT-A8m	100	1.0E-02	8.9E-04	1.2E-02	1.0E-03	3.6E-02	3.1E-03	3.4E-01	8.3E-02	1.0E-01	1.3E+00	1.0E-01	8.7E-01	7.1E-02	3.8E+00	5.7E-01	3.7E-01	8.7E-01	1.1E+00	4.5E-03	3.8E-04	2.8E-02	2.3E-03	1.6E-02	9.2E-02	1.1E-01	9.1E-03	1.4E-01	4.9E-03	4.1E-04	5.7E-03	4.8E-04	6.6E-03	5.5E-04	2.0E-02	1.7E-03	5.1E-02	1.3E-02	2.0E-02	3.0E-01	2.5E-02				
89	KT-A9a	4	1.7E-01	2.6E-02	1.9E-01	3.0E-02	6.6E-01	1.0E-01	1.9E+00	1.0E+00	1.2E+00	6.3E+00	9.0E-01	4.4E+00	6.3E-01	1.9E+01	2.7E+00	3.0E+00	5.4E+00	6.1E+00	4.4E-02	4.5E-03	2.7E-01	2.8E-02	1.6E-01	1.1E+00	1.1E-01	1.3E+00	4.8E-02	4.9E-03	5.6E-02	5.7E-03	6.5E-02	6.7E-03	1.9E-01	2.0E-02	5.0E-01	1.3E-01	1.9E-01	3.0E+00	3.0E-01					
90	KT-A9b	8	1.0E-01	1.6E-02	1.2E-01	1.8E-02	3.9E-01	6.1E-02	1.6E+00	6.5E-01	7.9E-01	5.6E+00	7.9E-01	3.9E+00	5.5E-01	1.7E+01	2.5E+00	2.1E+00	4.2E+00	5.1E+00	4.2E-02	3.9E-03	2.6E-01	2.4E-02	1.5E-01	8.5E-01	1.0E+00	9.3E-02	1.3E+00	4.5E-02	4.2E-03	5.3E-02	4.9E-03	6.1E-02	5.7E-03	1.8E-01	1.7E-02	4.8E-01	1.2E-01	1.8E-01	2.8E+00	2.6E-01				
91	KT-P1a	4	2.0E-01	1.9E-02	2.3E-01	2.2E-02	6.8E-01	6.5E-02	6.5E+00	1.6E+00	2.0E+00	2.4E+01	2.2E+00	1.6E+01	1.5E+00	7.1E+01	1.1E+01	7.0E+00	1.6E+01	2.0E+01	1.6E-01	1.6E-02	9.8E-01	1.0E-01	5.7E-01	3.2E+00	3.8E+00	3.9E-01	4.8E+00	1.7E-01	1.8E-02	2.0E-01	2.1E-02	2.3E-01	2.4E-02	7.0E-01	7.2E-02	1.8E+00	4.8E-01	7.0E-01	1.1E+01	1.1E+00				
92	KT-P1b	8	1.8E-01	1.7E-02	2.1E-01	2.0E-02	6.2E-01	5.9E-02	5.9E+00	1.4E+00	1.8E+00	2.2E+01	2.0E+00	1.5E+01	1.4E+00	6.5E+01	9.8E+00	6.4E+00	1.5E+01	1.9E+01	1.2E-01	1.2E-02	7.3E-01	7.5E-02	4.3E-01	2.4E+00	2.9E+00	2.9E-01	3.6E+00	1.3E-01	1.3E-02	1.5E-01	1.5E-02	1.8E-01	1.8E-02	5.3E-01	5.3E-02	1.4E+00	3.6E-01	5.2E-01	8.0E+00	8.2E-01				
93	KT-P1c	12	1.6E-01	1.5E-02	1.8E-01	1.7E-02	5.4E-01	5.3E-02	5.2E+00	1.2E+00	1.6E+00	1.9E+01	1.8E+00	1.3E+01	1.2E+00	5.7E+01	8.7E+00	5.6E+00	1.3E+01	1.6E+01	8.3E-02	8.4E-03	5.1E-01	5.2E-02	3.0E-01	1.7E+00	2.0E+00	2.0E-01	2.5E+00	9.0E-02	9.1E-03	1.1E-01	1.1E-02	1.2E-01	1.2E-02	3.6E-01	3.7E-02	9.4E-01	2.5E-01	3.6E-01	5.6E+00	5.7E-01				
94	KT-P1d	16	1.4E-01	1.3E-02	1.6E-01	1.5E-02	4.7E-01	4.5E-02	4.5E+00	1.1E+00	1.4E+00	1.6E+01	1.5E+00	1.1E+01	1.0E+00	4.9E+01	7.4E+00	4.8E+00	1.1E+01	1.4E+01	5.4E-02	5.5E-03	3.3E-01	3.4E-02	1.9E-01	1.1E+00	1.3E+00	1.3E-01	1.6E+00	5.8E-02	6.0E-03	6.9E-02	7.1E-03	7.9E-02	8.1E-03	2.4E-01	2.4E-02	6.1E-01	1.6E-01	2.4E-01	3.6E+00	3.7E-01				
95	KT-P1e	20	1.1E-01	1.1E-02	1.3E-01	1.2E-02	3.9E-01	3.8E-02	3.7E+00	8.9E-01	1.1E+00	1.4E+01	1.2E+00	9.4E+00	8.6E-01	4.1E+01	6.2E+00	4.0E+00	9.4E+00	1.2E+01	3.7E-02	3.8E-03	2.																							

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)		9.3E-03	9.5E-04	7.1E-03	7.1E-03	5.0E-03	9.8E-03	1.8E-02	3.7E-04	4.4E-05	5.9E-03	7.0E-04	2.7E-03	1.1E-02	1.4E-02	1.7E-03	1.2E-02	3.1E-04	3.7E-05	3.7E-04	4.4E-05	4.3E-04	5.1E-05	1.3E-03	1.5E-04	8.2E-03	1.7E-03	4.6E-03	3.0E-02	3.6E-03	3.3E-02	3.9E-03	6.7E-02	1.9E-02	1.1E-02	2.2E-02	3.0E-02	3.0E-04	4.4E-05	5.1E-04	7.5E-05					
		Hourly and Daily Average																																												
		Preprovisioning Option B																																												
ASR		Part 2														Part 3														Part 4																
No.	Name	Height	Benz(a)anthracene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benz(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benz(e)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene	Benz(a)anthracene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benz(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene				
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)		Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily
1	KT-A1a	4	4.7E+00	5.2E-01	3.6E+00	3.6E+00	2.5E+00	4.9E+00	9.0E+00	5.4E-02	9.3E-03	8.5E-01	1.5E-01	3.9E-01	1.7E+00	2.1E+00	3.5E-01	1.7E+00	4.6E-02	7.8E-03	5.4E-02	9.2E-03	6.2E-02	1.1E-02	1.9E-01	3.2E-02	1.2E+00	2.5E-01	6.6E-01	4.4E+00	7.6E-01	4.7E+00	8.1E-01	9.7E+00	2.7E+00	1.6E+00	3.2E+00	4.4E+00	3.9E-02	5.7E-03	6.7E-02	9.7E-03	9.2E-03			
2	KT-A1b	8	3.0E+00	3.4E-01	2.3E+00	2.3E+00	1.6E+00	3.2E+00	5.7E+00	4.8E-02	8.4E-03	7.5E-01	1.3E-01	3.5E-01	1.5E+00	1.8E+00	3.2E-01	1.5E+00	4.0E-02	7.0E-03	4.7E-02	8.3E-03	5.5E-02	9.1E-02	1.6E-01	2.9E-02	1.0E+00	2.2E-01	5.8E-01	6.0E-01	3.7E+00	7.3E-01	8.5E+00	2.4E+00	1.4E+00	2.8E+00	3.9E+00	3.6E-02	5.4E-03	6.2E-02	9.2E-03	9.2E-03				
3	KT-A1c	12	1.8E+00	2.2E-01	1.4E+00	1.4E+00	1.0E+00	1.9E+00	3.5E+00	4.2E-02	7.4E-03	6.6E-01	1.2E-01	3.0E-01	1.3E+00	1.6E+00	2.8E-01	1.3E+00	3.5E-02	6.2E-03	4.1E-02	7.3E-03	4.8E-02	8.4E-03	1.4E-01	2.5E-02	9.1E-01	1.9E-01	5.1E-01	3.4E+00	6.0E-01	3.7E+00	6.4E-01	7.5E+00	2.1E+00	1.3E+00	2.5E+00	3.4E+00	3.4E-02	5.0E-03	5.7E-02	8.6E-03	8.6E-03			
4	KT-A1d	16	1.2E+00	1.4E-01	9.5E-01	9.5E-01	6.7E-01	1.3E+00	2.4E+00	3.8E-02	6.4E-03	6.1E-01	1.0E-01	2.8E-01	1.2E+00	1.5E+00	2.4E-01	1.2E+00	3.2E-02	5.4E-03	3.8E-02	6.3E-02	4.4E-02	7.3E-03	1.3E-01	2.2E-02	8.4E-01	1.8E-01	4.7E-01	3.1E+00	5.2E-01	3.4E+00	5.6E-01	6.9E+00	1.9E+00	1.2E+00	2.3E+00	3.1E+00	3.1E-02	4.7E-03	5.2E-02	8.0E-03	8.0E-03			
5	KT-A1e	20	8.4E-01	9.3E-02	6.4E-01	6.4E-01	4.5E-01	8.9E-01	1.6E+00	3.5E-02	5.4E-03	5.5E-01	8.6E-02	2.5E-01	1.1E+00	1.3E+00	2.1E-01	1.1E+00	2.9E-02	4.6E-03	3.5E-02	5.4E-03	4.0E-02	6.2E-03	1.2E-01	1.9E-02	7.6E-01	1.6E-01	4.3E-01	2.9E+00	4.4E-01	3.1E+00	4.7E-01	6.2E+00	2.8E+00	1.7E+00	2.1E+00	2.1E+00	2.8E-02	4.3E-03	4.7E-02	7.3E-03	7.3E-03			
6	KT-A1f	30	2.9E-01	2.9E-02	2.2E-01	2.2E-01	1.6E-01	3.0E-01	5.5E-01	2.6E-02	3.8E-03	4.1E-01	6.1E-02	1.9E-01	8.1E-01	1.0E+00	1.5E-01	8.4E-01	2.2E-02	3.2E-03	2.6E-02	3.8E-03	3.0E-02	4.4E-03	9.0E-02	1.3E-02	5.7E-01	1.2E-01	3.2E-01	2.1E+00	3.1E-01	2.3E+00	3.3E-01	4.7E+00	1.3E+00	8.0E-01	1.6E+00	2.1E+00	2.1E-02	3.3E-03	3.7E-02	5.7E-03	5.7E-03			
7	KT-A1g	40	8.8E-02	8.4E-03	6.7E-02	6.7E-02	4.8E-02	9.3E-02	1.7E-01	2.0E-02	2.7E-03	3.1E-01	4.2E-02	1.4E-01	6.0E-01	7.5E-01	1.0E-01	6.3E-01	1.7E-02	2.2E-03	1.9E-02	2.6E-03	2.2E-02	3.0E-03	6.7E-02	9.1E-03	4.3E-01	9.0E-02	2.4E-01	1.6E+00	2.2E-01	1.7E+00	2.3E-01	3.5E+00	9.7E-01	6.0E-01	1.2E+00	1.6E+00	1.8E-02	2.6E-03	3.0E-02	4.5E-03	4.5E-03			
8	KT-A1h	50	2.4E-02	2.1E-03	1.8E-02	1.8E-02	1.3E-02	2.5E-02	4.5E-02	1.8E-03	1.8E-03	2.4E-01	2.8E-02	1.1E-01	4.7E-01	5.8E-01	6.9E-02	4.9E-01	1.3E-02	1.5E-03	1.5E-03	1.8E-03	1.7E-02	2.1E-03	5.2E-02	6.2E-03	3.3E-01	7.0E-02	1.9E-01	1.2E+00	1.5E-01	1.3E+00	1.6E-01	2.7E+00	7.6E-01	4.6E-01	9.1E-01	1.2E+00	2.8E-02	2.0E-03	2.5E-02	3.5E-03	3.5E-03			
9	KT-A1i	60	5.5E-03	4.9E-04	4.2E-03	4.2E-03	3.0E-03	5.8E-03	1.0E-02	1.1E-02	1.2E-03	1.8E-01	1.9E-02	8.3E-02	3.5E-01	4.4E-01	4.6E-02	3.7E-01	9.7E-03	1.0E-03	1.1E-02	1.2E-03	1.3E-02	1.4E-03	3.9E-02	4.1E-03	2.5E-01	5.3E-02	1.4E-01	9.4E-01	9.7E-02	1.0E+00	1.0E-01	2.1E+00	5.7E-01	3.5E-01	6.8E-01	9.3E-01	1.3E-02	1.6E-03	2.3E-02	2.7E-03	2.7E-03			
10	KT-A1j	70	1.1E-03	1.0E-04	8.4E-04	8.4E-04	6.0E-04	1.2E-03	2.1E-03	8.4E-03	7.9E-04	1.3E-01	1.2E-02	6.1E-02	2.6E-01	3.2E-01	3.0E-02	2.7E-01	7.1E-03	6.6E-04	8.3E-03	7.8E-04	9.6E-03	9.0E-04	2.9E-02	2.7E-03	1.8E-01	3.9E-02	1.0E-01	6.8E-01	6.4E-02	7.3E-01	6.9E-02	1.5E+00	4.2E-01	2.5E-01	5.0E-01	6.8E-01	1.2E-02	1.3E-03	2.0E-02	2.1E-03	2.1E-03			
11	KT-A1k	80	1.9E-04	2.0E-05	1.5E-04	1.5E-04	1.0E-04	2.0E-04	3.7E-04	6.1E-03	5.2E-04	9.6E-02	8.2E-03	4.4E-02	1.9E-01	2.3E-01	2.0E-02	1.9E-01	5.1E-03	4.4E-04	6.0E-03	5.2E-04	4.2E-02	1.8E-03	1.3E-01	2.8E-02	7.4E-02	4.9E-01	4.2E-02	5.3E-01	4.6E-02	1.1E+00	3.0E-01	1.8E-01	3.6E-01	4.9E-01	1.6E-02	1.0E-03	1.8E-02	1.7E-03	1.7E-03	1.7E-03				
12	KT-A1l	90	3.0E-05	0.0E+00	2.0E-05	2.0E-05	2.0E-05	3.0E-05	5.0E-05	4.5E-03	3.4E-04	7.1E-02	5.5E-03	3.3E-02	1.4E-01	1.7E-01	1.3E-02	1.4E-01	3.8E-03	2.9E-04	4.5E-03	3.4E-04	5.1E-03	3.9E-04	1.5E-02	1.2E-03	9.8E-02	2.1E-02	5.5E-02	3.7E-01	2.8E-02	3.9E-01	3.0E-02	8.0E-01	2.2E-01	1.4E-01	2.7E-01	3.6E-01	9.8E-03	8.3E-04	1.7E-02	1.4E-03	1.4E-03			
13	KT-A1m	100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	3.6E-03	2.5E-04	5.7E-02	4.0E-03	2.6E-02	1.1E-01	1.4E-01	9.6E-03	1.2E-01	3.1E-03	2.1E-04	3.6E-03	2.5E-04	4.2E-03	2.9E-04	1.5E-02	8.7E-04	7.9E-02	1.7E-02	4.4E-02	3.0E-01	2.1E-02	3.2E-01	2.2E-02	6.5E-01	1.8E-01	1.1E-01	2.2E-01	2.9E-01	9.3E-03	7.4E-04	1.6E-02	1.3E-03	1.3E-03			
14	KT-A2a	4	1.9E+00	2.7E-01	1.4E+00	1.4E+00	1.0E+00	2.0E+00	3.6E+00	4.4E-02	6.2E-03	6.9E-01	9.7E-02	3.2E-01	1.3E+00	1.7E+00	2.4E-01	1.4E+00	3.7E-02	5.2E-03	4.3E-02	6.1E-03	5.0E-02	7.1E-03	1.5E-01	2.1E-02	9.5E-01	2.0E-01	5.3E-01	3.6E+00	5.0E-01	3.8E+00	5.4E-01	7.8E+00	2.2E+00	1.3E+00	2.6E+00	3.5E+00	2.8E-02	5.3E-03	4.8E-02	9.0E-03	9.0E-03			
15	KT-A2b	8	1.4E+00	2.1E-01	1.1E+00	1.1E+00	7.5E-01	1.5E+00	2.7E+00	4.0E-02	5.4E-03	6.4E-01	8.5E-02	2.9E-01	1.2E+00	1.5E+00	2.1E-01	1.3E+00	3.4E-02	4.5E-03	4.0E-02	5.4E-03	4.6E-02	6.2E-03	1.4E-01	1.8E-02	8.8E-01	1.9E-01	5.0E-01	3.3E+00	4.4E-01	3.5E+00	4.7E-01	7.2E+00	2.0E+00	1.2E+00	2.4E+00	3.3E+00	2.6E-02	4.9E-03	4.4E-02	8.3E-03	8.3E-03			
16	KT-A2c	12	1.0E+00	1.5E-01	7.7E-01	7.7E-01	5.5E-01	1.1E+00	1.9E+00	3.7E-02	4.6E-03	5.9E-01	7.3E-02	2.7E-01	1.1E+00	1.4E+00	1.8E-01	1.2E+00	3.1E-02	3.9E-03	3.7E-02	4.6E-03	4.3E-02	5.3E-03	1.4E-01	1.6E-02	8.1E-01	1.7E-01	4.6E-01	3.0E+00	3.8E-01	3.3E+00	4.0E-01	6.6E+00	1.8E+00	1.1E+00	2.2E+00	3.0E+00	2.4E-02	4.4E-03	4.2E-02	7.6E-03	7.6E-03			
17	KT-A2d	16	8.0E-01	1.1E-01	6.1E-01	6.1E-01	4.3E-01	8.4E-01	1.5E+00	3.4E-02	3.9E-03	5.4E-01	6.2E-02	2.5E-01	1.0E+00	1.3E+00	1.5E-01	1.1E+00	2.9E-02	3.3E-03	3.4E-02	3.9E-03	3.9E-02	4.5E-03	1.2E-01	1.4E-02	7.4E-01	1.6E-01	4.2E-01	2.8E+00	3.2E-01	3.0E+00	3.4E-01	6.1E+00	1.7E+00	1.0E+00	2.0E+00	2.8E+00	2.3E-02	4.0E-03	4.0E-02	6.9E-03	6.9E-03			
18	KT-A2e	20	6.1E-01	8.5E-02	4.7E-01	4.7E-01	3.3E-01	6.4E-01	1.2E+00	3.1E-02	3.5E-03	4.8E-01	5.5E-02	2.2E-01	9.4E-01	1.2E+00	1.3E-01	9.8E-01	2.6E-02	2.9E-03	3.0E-02	3.4E-03	3.5E-02	4.0E-03	1.1E-01	1.2E-02	6.7E-01	1.4E-01	3.8E-01	2.5E+00	2.8E-01	2.7E+00	3.0E-01	5.5E+00	1.5E+00	9.3E-01	1.8E+00	2.5E+00	2.2E-02	2.6E-03	3.7E-02	6.2E-03	6.2E-03			
19	KT-A2f	30	2.9E-01	3.8E-02	2.2E-01	2.2E-01	1.6E-01	3.1E-01	5.6E-01	2.3E-02	2.6E-03	3.6E-01	4.0E-02	1.7E-01	7.0E-01	8.7E-01	9.7E-02	7.3E-01	1.9E-02	2.2E-03	2.3E-02	2.4E-03	2.6E-02	2.9E-03	1.0E-01	2.8E-01	1.9E+00	2.1E-01	2.8E-01	1.9E+00	2.1E-01	2.0E+00	2.2E-01	4.1E+00	1.1E+00	6.9E-01	1.1E+00	1.3E+00	1.8E-02	2.7E-03	3.2E-02	4.6E-03	4.6E-03			
20	KT-A2g	40	1.2E-01	1.6E-02	9.5E-02	9.5E-02	6.7E-02	1.3E-01	2.4E-01	1.6E-02	1.8E-03	2.5E-01	2.9E-02	1.2E-01	4.9E-01	6.1E-01	7.0E-02	5.1E-01	1.3E-02	1.5E-03	1.6E-02	1.8E-03	1.8E-02	2.1E-03	5.5E-02	6.3E-03	3.5E-01	7.4E-02	2.0E-01	1.3E+00	1.5E-01	1.4E+00	1.6E-01	2.9E+00	7.9E-01	4.9E-01	9.5E-01	1.3E+00	1.5E-02	2.2E-03	2.6E-02	3.8E-03	3.8E-03			
21	KT-A2h	50	4.8E-02	6.0E-03	3.7E-02	3.7E-02	2.6E-02	5.1E-02	9.2E-02	1.1E-02	1.3E-03	1.8E-01	2.0E-02	8.1E-02	3.4E-01	4.3E-01	4.9E-02	3.6E-01	9.4E-03	1.1E-03	1.1E-02	1.1E-02	1.3E-02	1.3E-02	1.5E-03	3.8E-02	4.4E-03	2.4E-01	5.1E-02	1.4E-01	9.1E-01	1.0E-01	9.7E-01	1.1E-01	2.0E+00	5.5E-01	3.4E-01	6.6E-01	9.0E-01	1.3E-02	1.8E-03	2.2E-02				

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)			9.3E-03	9.5E-04	7.1E-03	7.1E-03	5.0E-03	9.8E-03	1.8E-02	3.7E-04	4.4E-05	5.9E-03	7.0E-04	2.7E-03	1.1E-02	1.4E-02	1.7E-03	1.2E-02	3.1E-04	3.7E-05	3.7E-04	4.4E-05	4.3E-04	5.1E-05	1.3E-03	1.5E-04	8.2E-03	1.7E-03	4.6E-03	3.0E-02	3.6E-03	3.3E-02	3.9E-03	6.7E-02	1.9E-02	1.1E-02	2.2E-02	3.0E-02	3.0E-04	4.4E-05	5.1E-04	7.5E-05					
			Hourly and Daily Average																																												
			Preprovisioning Option B																																												
ASR			Part 2																Part 3																Part 4												
No.	Name	Height	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(b)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene				
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)			Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily
74	KT-A7d	16	1.3E+00	1.2E-01	1.0E+00	1.0E+00	7.1E-01	1.4E+00	2.5E+00	2.5E-02	1.9E-03	4.0E-01	3.0E-02	1.8E-01	7.7E-01	9.6E-01	7.2E-02	8.0E-01	2.1E-02	1.6E-03	2.5E-02	1.9E-03	2.9E-02	2.2E-03	8.6E-02	6.5E-03	5.5E-01	1.2E-01	3.1E-01	2.0E+00	1.5E-01	2.2E+00	1.6E-01	4.5E+00	1.2E+00	7.6E-01	1.5E+00	2.0E+00	3.4E-02	2.8E-03	5.8E-02	4.8E-03					
75	KT-A7e	20	1.1E+00	1.0E-01	8.7E-01	8.7E-01	6.2E-01	1.2E+00	2.2E+00	1.6E-02	1.2E-03	2.5E-01	1.9E-02	1.2E-01	4.9E-01	6.1E-01	4.7E-02	5.1E-01	1.4E-02	1.0E-03	1.6E-02	1.2E-03	1.8E-02	1.4E-03	5.5E-02	4.2E-03	3.5E-01	7.4E-02	2.0E-01	1.3E+00	1.0E-01	1.4E+00	1.1E-01	2.9E+00	8.0E-01	4.9E-01	9.5E-01	1.3E+00	2.3E-02	1.8E-03	3.9E-02	3.0E-03					
76	KT-A8a	4	8.3E-01	1.0E-01	6.4E-01	6.4E-01	4.5E-01	8.8E-01	1.6E+00	5.2E-02	6.9E-03	8.2E-01	1.1E-01	3.8E-01	1.6E+00	2.0E+00	2.6E-01	1.7E+00	4.4E-02	5.8E-03	5.2E-02	6.9E-03	6.0E-02	8.0E-03	1.8E-01	2.4E-02	1.1E+00	2.4E-01	6.4E-01	4.2E+00	5.7E-01	4.5E+00	6.1E-01	9.3E+00	2.6E+00	1.6E+00	3.1E+00	4.2E+00	8.6E-02	1.1E-02	1.5E-01	2.0E-02					
77	KT-A8b	8	7.9E-01	9.9E-02	6.0E-01	6.0E-01	4.3E-01	8.3E-01	1.5E+00	4.6E-02	6.2E-03	7.2E-01	9.9E-02	3.3E-01	1.4E+00	1.7E+00	2.3E-01	1.5E+00	3.9E-02	5.2E-03	4.5E-02	6.1E-03	5.2E-02	7.1E-03	1.6E-01	2.1E-02	1.0E+00	2.1E-01	5.6E-01	3.7E+00	5.0E-01	4.0E+00	5.4E-01	8.2E+00	2.3E+00	1.4E+00	2.7E+00	3.7E+00	7.5E-02	8.5E-03	1.3E-01	1.5E-02					
78	KT-A8c	12	7.4E-01	9.4E-02	5.7E-01	5.7E-01	4.0E-01	7.8E-01	1.4E+00	4.0E-02	5.4E-03	6.3E-01	8.6E-02	2.9E-01	1.2E+00	1.5E+00	2.0E-01	1.3E+00	3.3E-02	4.5E-03	3.9E-02	5.3E-03	4.5E-02	6.2E-03	1.4E-01	1.8E-02	8.6E-01	1.8E-01	4.9E-01	3.2E+00	4.4E-01	3.5E+00	4.7E-01	7.1E+00	2.0E+00	2.0E+00	2.3E+00	6.4E-02	7.0E-03	1.1E-01	1.2E-02						
79	KT-A8d	16	6.9E-01	8.8E-02	5.3E-01	5.3E-01	3.8E-01	7.3E-01	1.3E+00	3.5E-02	4.6E-03	5.5E-01	7.4E-02	2.5E-01	1.1E+00	1.3E+00	1.7E-01	1.1E+00	2.9E-02	3.9E-03	3.5E-02	4.5E-03	4.0E-02	5.3E-03	1.2E-01	1.6E-02	7.6E-01	1.6E-01	4.3E-01	2.8E+00	3.7E-01	3.0E+00	4.0E-01	6.2E+00	1.7E+00	1.1E+00	2.1E+00	2.8E+00	5.4E-02	6.2E-03	9.3E-02	1.1E-02					
80	KT-A8e	20	6.4E-01	8.2E-02	4.9E-01	4.9E-01	3.5E-01	6.8E-01	1.2E+00	3.2E-02	3.9E-03	5.0E-01	6.2E-02	2.3E-01	9.8E-01	1.2E+00	1.5E-01	1.0E+00	2.7E-02	3.2E-03	3.2E-02	3.8E-03	3.7E-02	4.4E-03	1.1E-01	1.3E-02	7.0E-01	1.5E-01	3.9E-01	2.6E+00	3.1E-01	2.8E+00	3.4E-01	5.7E+00	1.6E+00	9.7E-01	1.9E+00	2.6E+00	4.5E-02	5.4E-03	7.7E-02	9.5E-03					
81	KT-A8f	30	5.1E-01	6.6E-02	3.9E-01	3.9E-01	2.8E-01	5.4E-01	9.8E-01	2.5E-02	2.7E-03	3.9E-01	4.3E-02	1.8E-01	7.7E-01	9.5E-01	1.0E-01	8.0E-01	2.1E-02	2.3E-03	2.5E-02	2.7E-03	2.9E-02	3.1E-03	8.6E-02	9.3E-03	5.5E-01	1.1E-01	3.1E-01	2.0E+00	2.2E-01	2.2E+00	2.4E-01	4.5E+00	1.2E+00	7.6E-01	1.5E+00	2.0E+00	2.6E-02	3.7E-03	4.5E-02	6.4E-03					
82	KT-A8g	40	4.3E-01	5.1E-02	3.3E-01	3.3E-01	2.3E-01	4.5E-01	8.3E-01	1.9E-02	2.2E-03	2.9E-01	3.5E-02	1.3E-01	5.7E-01	7.1E-01	8.5E-02	5.9E-01	1.6E-02	1.9E-03	1.8E-02	2.2E-03	2.1E-02	2.6E-03	6.4E-02	7.6E-03	4.1E-01	8.5E-02	2.3E-01	1.5E+00	1.8E-01	1.6E+00	1.9E-01	3.3E+00	9.2E-01	5.6E-01	1.1E+00	1.5E+00	1.7E-02	2.4E-03	2.9E-02	4.1E-03					
83	KT-A8h	50	3.8E-01	3.8E-02	2.9E-01	2.9E-01	2.1E-01	4.1E-01	7.4E-01	1.3E-02	1.8E-03	2.1E-01	2.8E-02	9.5E-02	4.0E-01	5.0E-01	6.7E-02	4.2E-01	1.1E-02	1.5E-03	1.3E-02	1.7E-03	1.5E-02	2.0E-03	4.5E-02	6.0E-02	2.9E-01	6.0E-02	1.6E-01	1.1E+00	1.4E-01	1.1E+00	1.5E-01	2.3E+00	6.5E-01	4.0E-01	7.8E-01	1.1E+00	1.1E-02	1.4E-03	1.8E-02	2.4E-03					
84	KT-A8i	60	3.4E-01	3.2E-02	2.6E-01	2.6E-01	1.8E-01	3.6E-01	6.6E-01	1.0E-02	1.4E-03	1.6E-01	2.1E-02	7.3E-02	3.1E-01	3.9E-01	5.1E-02	3.2E-01	8.5E-03	1.1E-03	1.0E-02	1.3E-03	1.2E-02	1.5E-03	3.5E-02	4.6E-03	2.2E-01	4.6E-02	1.2E-01	8.2E-01	1.1E-01	8.8E-01	1.2E-01	1.8E+00	5.0E-01	3.1E-01	6.0E-01	8.2E-01	6.5E-03	8.2E-04	1.1E-02	1.4E-03					
85	KT-A8j	70	3.1E-01	2.9E-02	2.3E-01	2.3E-01	1.7E-01	3.2E-01	5.9E-01	8.2E-03	1.0E-03	1.3E-01	1.6E-02	6.0E-02	2.5E-01	3.1E-01	3.8E-02	2.6E-01	6.9E-03	8.4E-04	8.2E-03	1.0E-03	9.4E-03	1.2E-03	2.8E-02	3.5E-03	1.8E-01	3.8E-02	1.0E-01	6.7E-01	8.2E-02	7.2E-01	8.8E-02	1.5E+00	4.1E-01	2.5E-01	4.9E-01	6.7E-01	3.7E-03	4.5E-04	6.3E-03	7.6E-04					
86	KT-A8k	80	2.8E-01	2.5E-02	2.1E-01	2.1E-01	1.5E-01	2.9E-01	5.3E-01	6.8E-03	7.3E-04	1.1E-01	1.2E-02	5.0E-02	2.1E-01	2.6E-01	2.8E-02	2.2E-01	5.8E-03	6.1E-04	6.8E-03	7.2E-04	7.8E-03	8.3E-04	2.3E-02	2.5E-03	1.5E-01	3.1E-02	8.4E-02	5.6E-01	5.9E-02	6.0E-01	6.4E-02	1.2E+00	3.4E-01	2.1E-01	4.1E-01	5.6E-01	2.1E-03	2.3E-04	3.6E-03	4.0E-04					
87	KT-A8l	90	2.6E-01	2.2E-02	2.0E-01	2.0E-01	1.4E-01	2.8E-01	5.1E-01	6.0E-03	5.2E-04	9.4E-02	8.1E-03	4.3E-02	1.8E-01	2.3E-01	2.0E-02	1.9E-01	5.0E-03	4.3E-04	5.9E-03	5.1E-04	6.9E-03	5.9E-04	2.1E-02	1.8E-03	1.3E-01	2.7E-02	7.3E-02	4.9E-01	4.2E-02	5.2E-01	4.5E-02	1.1E+00	3.0E-01	1.8E-01	3.5E-01	4.9E-01	1.3E-03	1.2E-04	2.2E-03	2.0E-04					
88	KT-A8m	100	2.6E-01	2.2E-02	2.0E-01	2.0E-01	1.4E-01	2.8E-01	5.0E-01	5.7E-03	4.5E-04	9.0E-02	7.1E-03	4.1E-02	1.7E-01	2.2E-01	1.7E-02	1.8E-01	4.8E-03	3.8E-04	5.7E-03	4.4E-04	6.5E-03	5.1E-04	2.0E-02	1.5E-03	1.2E-01	2.6E-02	7.0E-02	4.6E-01	3.6E-02	5.0E-01	3.9E-02	1.0E+00	2.8E-01	1.7E-01	3.4E-01	4.6E-01	1.0E-03	8.0E-05	1.7E-03	1.3E-04					
89	KT-A9a	4	2.6E+00	2.6E-01	2.0E+00	2.0E+00	1.4E+00	2.7E+00	4.9E+00	3.2E-01	2.8E-02	5.0E+00	4.5E-01	2.3E+00	9.8E+00	1.2E+01	1.1E+00	1.0E+01	2.7E-01	2.3E-02	3.2E-01	2.7E-02	3.6E-01	3.2E-02	1.1E+00	9.5E-02	6.9E+00	1.5E+00	3.9E+00	2.6E+01	2.3E+00	2.8E+01	2.4E+00	5.7E+01	1.6E+01	9.6E+00	1.9E+01	2.6E+01	4.4E-02	4.9E-01	7.5E-02						
90	KT-A9b	8	2.4E+00	2.2E-01	1.9E+00	1.9E+00	1.3E+00	2.6E+00	4.7E+00	2.3E-01	2.0E-02	3.7E+00	3.2E-01	1.7E+00	7.1E+00	8.9E+00	7.6E-01	7.4E+00	2.0E-01	1.7E-02	2.3E-01	2.0E-02	2.7E-01	2.3E-02	8.0E-01	6.9E-02	5.1E+00	1.1E+00	2.9E+00	1.9E+01	1.6E+00	2.0E+01	1.8E+00	4.2E+01	1.2E+01	7.1E+00	1.4E+01	1.9E+01	1.5E-01	2.4E-02	2.5E-01	4.2E-02					
91	KT-P1a	4	9.3E+00	9.5E-01	7.1E+00	7.1E+00	5.0E+00	9.8E+00	1.8E+01	1.3E-01	8.9E-03	2.0E+00	1.4E-01	9.3E-01	3.9E+00	4.9E+00	3.4E-01	4.1E+00	1.1E-01	7.5E-03	1.3E-01	8.8E-03	1.5E-01	1.0E-02	4.4E-01	3.1E-02	2.8E+00	5.9E-01	1.6E+00	1.0E+01	7.2E-01	1.1E+01	7.8E-01	2.3E+01	6.4E+00	3.9E+00	7.6E+00	1.0E+01	8.5E-02	6.2E-03	1.5E-01	1.2E-02					
92	KT-P1b	8	7.0E+00	7.1E-01	5.3E+00	5.3E+00	3.8E+00	7.4E+00	1.3E+01	9.8E-02	7.6E-03	1.5E+00	1.2E-01	7.1E-01	3.0E+00	3.7E+00	2.9E-01	3.1E+00	8.2E-02	6.4E-03	9.7E-02	7.5E-03	1.1E-01	8.7E-03	3.4E-01	2.6E-02	2.1E+00	4.5E-01	1.2E+00	8.0E+00	6.2E-01	8.5E+00	6.6E-01	1.7E+01	4.9E+00	3.0E+00	5.8E+00	7.9E+00	7.3E-02	5.6E-03	1.2E-01	1.0E-02					
93	KT-P1c	12	4.8E+00	4.9E-01	3.7E+00	3.7E+00	2.6E+00	5.1E+00	9.3E+00	6.8E-02	6.2E-03	1.1E+00	1.0E-01	4.9E-01	2.1E+00	2.6E+00	2.4E-01	2.2E+00	5.7E-02	5.2E-03	6.7E-02	6.2E-03	7.8E-02	7.2E-03	2.3E-01	2.1E-02	1.5E+00	3.1E-01	8.3E-01	5.5E+00	5.1E-01	5.9E+00	5.4E-01	1.2E+01	3.4E+00	2.1E+00	4.0E+00	5.5E+00	5.9E-02	5.0E-03	1.0E-01	9.2E-03					
94	KT-P1d	16	3.1E+00	3.2E-01	2.4E+00	2.4E+00	1.7E+00	3.3E+00	6.0E+00	5.5E-02	5.5E-03	8.7E-01	8.7E-02	4.0E-01	1.7E+00	2.1E+00	2.1E-01	1.8E+00	4.6E-02	4.6E-03	5.5E-02	5.5E-03	6.3E-02	6.3E-03	1.9E-01	1.9E-02	1.2E+00	2.5E-01	6.7E-01	4.5E+00	4.5E-01	4.8E+00	4.8E-01	9.8E+00	2.7E+00	1.7E+00	3.3E+00	4.5E+00	4.6E-02	4.3E-03	7.8E-02	7.9E-03					
95	KT-P1e	20	2.2E+00	2.2E-01	1.7E+00	1.7E+00	1.2E+00	2.3E+00	4.2E+00	5.1E-02	4.8E-03	8.1E-01	7.6E-02	3.7E-01	1.6E+00	2.0E+00	1.8E-01	1.6E+00	4.3E-02																												

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)		3.8E-04	7.2E-04	7.5E-04	1.1E-04	7.8E-04	1.0E-04	1.5E-05	1.6E-04	2.3E-05	1.9E-04	2.7E-05	6.4E-04	9.3E-05	1.0E-03	9.1E-04	1.1E-03	2.7E-03	3.8E-04	2.0E-03	2.8E-04	7.3E-03	9.9E-04	2.3E-03	3.1E-03	3.2E-03	6.0E-04	9.1E-05	6.5E-03	7.6E-04	3.1E-03	1.4E-02	1.7E-02	2.0E-03	1.5E-02	3.6E-04	4.3E-05	4.3E-04	5.4E-05	4.9E-04	6.3E-05											
		Hourly and Daily Average																																																		
		Reprovisioning Option B																				Reprovisioning Option C																														
ASR		Part 4																				Part 1																														
No.	Name	Height	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene										
			Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily						
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)		Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily						
1	KT-A1a	4	6.9E-02	9.4E-02	9.8E-02	1.4E-02	1.0E-01	1.3E-02	2.0E-03	2.1E-02	3.0E-03	2.4E-02	3.5E-03	8.3E-02	1.2E-02	1.3E-01	1.2E-01	1.4E-01	3.4E-01	5.0E-02	2.5E-01	3.7E-02	9.5E-01	1.3E-01	2.9E-01	4.0E-01	4.1E-01	3.1E-01	3.3E-02	2.1E+00	2.2E-01	1.4E+00	8.7E+00	1.1E+01	1.1E+00	1.0E+01	1.6E-01	1.7E-02	1.9E-01	2.0E-02	2.2E-01	2.3E-02	4.8E-02	1.5E-02								
2	KT-A1b	8	5.3E-02	8.8E-02	9.1E-02	1.3E-02	9.5E-02	1.2E-02	1.9E-03	2.0E-02	2.9E-03	2.3E-02	3.1E-03	7.8E-02	1.1E-02	1.2E-01	1.1E-01	1.3E-01	3.2E-01	4.7E-02	2.4E-01	3.5E-02	8.9E-01	1.2E-01	2.7E-01	3.8E-01	3.8E-01	2.0E-01	2.0E-02	1.4E+00	1.5E-01	8.9E-01	5.7E+00	6.9E+00	6.6E-01	6.7E+00	1.1E-01	1.1E-02	1.3E-02	1.4E-01	1.5E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02			
3	KT-A1c	12	4.3E-02	8.1E-02	8.4E-02	1.3E-02	8.8E-02	1.2E-02	1.7E-03	1.8E-02	2.7E-03	2.1E-02	3.3E-03	7.2E-02	1.1E-02	1.1E-01	1.0E-01	1.2E-01	3.0E-01	4.4E-02	2.2E-01	3.3E-02	8.2E-01	1.1E-01	2.5E-01	3.5E-01	3.5E-01	1.3E-01	1.6E-02	8.6E-01	1.3E-01	5.7E-01	3.6E+00	4.4E+00	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
4	KT-A1d	16	3.9E-02	7.4E-02	7.7E-02	1.2E-02	8.0E-02	1.1E-02	1.6E-03	1.6E-02	2.5E-03	1.9E-02	2.9E-03	6.5E-02	9.9E-03	1.0E-01	9.3E-02	1.1E-01	2.7E-01	4.1E-02	2.0E-01	3.0E-02	7.5E-01	1.0E-01	2.3E-01	3.2E-01	3.2E-01	8.5E-02	1.4E-02	6.8E-01	1.1E-01	3.5E-01	2.2E+00	2.7E+00	2.6E-01	2.6E+00	4.8E-02	8.1E-03	6.2E-02	1.1E-02	7.1E-02	1.2E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
5	KT-A1e	20	3.5E-02	6.6E-02	6.9E-02	1.1E-02	7.2E-02	9.5E-03	1.5E-03	1.5E-02	2.3E-03	1.7E-02	2.7E-03	5.9E-02	9.1E-03	9.1E-02	8.3E-02	9.9E-02	2.4E-01	3.8E-02	1.8E-01	3.0E-02	6.7E-01	9.1E-02	2.1E-01	2.8E-01	2.9E-01	7.7E-02	1.3E-02	6.2E-01	9.8E-02	3.1E-01	1.3E+00	1.6E+00	2.2E-01	1.6E+00	4.4E-02	7.1E-03	5.7E-02	9.3E-03	6.6E-02	1.1E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
6	KT-A1f	30	2.7E-02	5.2E-02	5.4E-02	8.3E-03	5.6E-02	7.4E-03	1.1E-03	1.2E-02	1.8E-03	1.3E-02	2.1E-03	4.6E-02	7.1E-03	7.1E-02	6.5E-02	7.7E-02	1.9E-01	2.9E-02	1.4E-01	2.2E-02	5.2E-01	7.1E-02	1.6E-01	2.2E-01	2.3E-01	6.3E-02	9.4E-03	4.7E-01	7.0E-02	2.4E-01	8.9E-01	1.1E+00	1.6E-01	9.3E-01	3.5E-02	5.1E-03	4.6E-02	6.8E-03	5.3E-02	7.8E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
7	KT-A1g	40	2.3E-02	4.3E-02	4.5E-02	6.5E-03	4.6E-02	6.2E-03	9.0E-04	9.6E-03	1.4E-03	1.1E-02	1.6E-03	3.8E-02	5.6E-03	5.9E-02	5.4E-02	6.4E-02	1.6E-01	2.3E-02	1.2E-01	1.7E-02	4.4E-01	5.9E-02	1.3E-01	1.8E-01	1.9E-01	4.9E-02	7.1E-03	3.6E-01	4.9E-02	1.8E-01	6.7E-01	8.1E-01	1.1E-01	6.9E-01	2.6E-02	3.8E-03	3.4E-02	5.0E-03	4.0E-02	5.8E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
8	KT-A1h	50	1.9E-02	3.6E-02	3.7E-02	5.1E-03	3.9E-02	5.1E-03	7.1E-04	7.9E-03	1.1E-03	9.2E-03	1.3E-03	3.1E-02	4.4E-03	4.9E-02	4.5E-02	5.3E-02	1.3E-01	1.8E-02	9.6E-02	1.3E-02	3.6E-01	4.9E-02	1.1E-01	1.5E-01	1.6E-01	4.0E-02	5.3E-03	2.8E-01	3.4E-02	1.4E-01	6.4E-01	6.4E-01	7.7E-02	5.5E-01	2.1E-02	3.8E-03	3.4E-02	5.0E-03	4.2E-02	5.8E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
9	KT-A1i	60	1.7E-02	3.2E-02	3.3E-02	4.0E-03	3.4E-02	4.6E-03	5.5E-04	7.1E-03	8.6E-04	8.2E-03	9.9E-04	2.8E-02	3.4E-03	4.4E-02	4.0E-02	4.7E-02	1.2E-01	1.4E-02	8.6E-02	1.0E-02	3.2E-01	4.3E-02	9.9E-02	1.4E-01	1.4E-01	3.4E-02	3.9E-03	2.2E-01	2.3E-02	1.1E-01	4.0E-01	4.9E-01	5.2E-02	4.2E-01	1.7E-02	1.9E-03	2.3E-02	2.6E-03	2.7E-02	3.0E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
10	KT-A1j	70	1.5E-02	2.8E-02	3.0E-02	3.1E-03	3.1E-02	4.1E-03	4.3E-04	6.3E-03	6.7E-04	7.3E-03	7.8E-04	2.5E-02	2.7E-03	3.9E-02	3.6E-02	4.2E-02	1.0E-01	1.1E-02	7.7E-02	8.1E-03	2.9E-01	3.9E-02	8.8E-02	1.2E-01	1.2E-01	2.8E-02	2.9E-03	1.7E-01	1.6E-02	8.6E-02	3.0E-01	3.7E-01	3.5E-02	3.2E-01	1.4E-02	1.4E-03	1.9E-02	1.9E-03	2.2E-02	2.2E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
11	KT-A1k	80	1.3E-02	2.6E-02	2.7E-02	2.5E-03	2.8E-02	3.7E-03	3.5E-04	5.7E-03	5.4E-04	6.6E-03	6.2E-04	2.3E-02	2.1E-03	3.5E-02	3.2E-02	3.8E-02	9.4E-02	8.8E-03	6.9E-02	6.5E-03	2.6E-01	3.5E-02	8.0E-02	1.1E-01	1.1E-01	2.4E-02	2.2E-03	1.3E-01	1.1E-02	8.9E-02	2.3E-01	2.7E-01	2.4E-02	2.4E-01	1.1E-02	1.0E-03	1.6E-02	1.4E-03	1.8E-02	1.9E-03	2.2E-02	2.5E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02
12	KT-A1l	90	1.2E-02	2.4E-02	2.5E-02	2.1E-03	2.5E-02	3.4E-03	2.9E-04	5.3E-03	4.5E-04	6.1E-03	5.2E-04	2.1E-02	1.8E-03	3.2E-02	3.0E-02	3.5E-02	8.6E-02	7.4E-03	6.4E-02	5.4E-03	2.4E-01	3.2E-02	7.3E-02	1.0E-01	1.0E-01	2.1E-02	1.8E-03	9.9E-02	7.8E-03	5.3E-02	1.8E-01	2.1E-01	1.7E-02	1.9E-01	9.5E-03	7.8E-04	1.3E-02	1.1E-03	1.5E-02	1.3E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
13	KT-A1m	100	1.2E-02	2.2E-02	2.3E-02	1.9E-03	2.4E-02	3.2E-03	2.5E-04	5.0E-03	4.0E-04	5.8E-03	4.6E-04	2.0E-02	1.6E-03	3.1E-02	2.8E-02	3.3E-02	8.2E-02	6.5E-03	6.0E-02	4.8E-03	2.3E-01	3.1E-02	7.0E-02	9.6E-02	9.8E-02	1.9E-02	1.5E-03	8.4E-02	6.1E-03	4.6E-02	1.5E-01	1.8E-01	1.3E-02	1.6E-01	8.5E-03	6.4E-04	1.2E-02	9.2E-04	1.4E-02	1.1E-03	1.5E-02	1.3E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02
14	KT-A2a	4	4.9E-02	6.8E-02	7.1E-02	1.3E-02	7.3E-02	9.2E-03	1.8E-03	1.5E-02	2.8E-03	1.8E-02	3.3E-03	6.0E-02	1.1E-02	9.3E-02	8.5E-02	1.0E-01	2.5E-01	4.6E-02	1.8E-01	3.4E-02	6.9E-01	9.3E-02	2.1E-01	2.9E-01	3.0E-01	9.8E-02	1.6E-02	8.2E-01	1.2E-01	4.1E-01	1.7E+00	2.1E+00	2.9E-01	1.8E+00	5.7E-02	8.7E-03	7.3E-02	1.1E-02	8.4E-02	1.3E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
15	KT-A2b	8	3.4E-02	6.2E-02	6.4E-02	1.2E-02	6.7E-02	8.9E-03	1.7E-03	1.4E-02	2.6E-03	1.6E-02	3.0E-03	5.5E-02	1.0E-02	8.5E-02	7.8E-02	9.2E-02	2.3E-01	4.3E-02	1.7E-01	3.2E-02	6.3E-01	8.4E-02	1.9E-01	2.6E-01	2.7E-01	8.7E-02	1.4E-02	7.3E-01	1.0E-01	3.6E-01	1.4E+00	1.7E+00	2.3E-01	1.5E+00	5.0E-02	7.5E-03	6.5E-02	9.9E-03	7.5E-02	1.1E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
16	KT-A2c	12	3.1E-02	5.9E-02	6.1E-02	1.1E-02	6.4E-02	8.4E-03	1.5E-03	1.7E-03	2.4E-03	1.5E-02	2.8E-03	5.2E-02	9.5E-03	8.1E-02	7.4E-02	8.8E-02	2.2E-01	3.9E-02	1.6E-01	2.9E-02	6.0E-01	8.0E-02	1.8E-01	2.5E-01	2.6E-01	8.0E-02	1.2E-02	6.6E-01	8.6E-02	3.2E-01	1.3E+00	1.5E+00	2.0E-01	1.3E+00	4.6E-02	6.5E-03	6.0E-02	8.7E-03	6.9E-02	1.0E-02	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
17	KT-A2d	16	2.9E-02	5.6E-02	5.8E-02	1.0E-02	6.0E-02	8.0E-03	1.4E-03	1.2E-02	2.2E-03	1.4E-02	2.5E-03	4.9E-02	8.6E-03	7.7E-02	7.0E-02	8.3E-02	2.0E-01	3.6E-02	1.5E-01	2.6E-02	5.7E-01	7.6E-02	1.7E-01	2.4E-01	2.4E-01	7.4E-02	1.1E-02	6.0E-01	7.3E-02	3.0E-01	1.1E+00	1.4E+00	1.7E-01	1.2E+00	4.2E-02	5.7E-03	5.5E-02	7.6E-03	6.3E-02	8.7E-03	3.8E-01	4.2E+00	6.7E-02	9.2E-03	7.9E-02	1.2E-02	9.1E-02	1.4E-02		
18	KT-A2e	20	2.8E-02	5.3E-02	5.5E-02	9.1E-03	5.7E-02	7.6E-03	1.3E-03	1.2E-02	2.0E-03	1.4E-02	2.3E-03	4.7E-02	7.7E-03	7.3E-02	6.6E-02	7.8E-02	1.9E-01	3.2E-02	1.4E-01	2.4E-02	5.4E-01	7.2E-02	1.6E-01	2.3E-01	2.3E-01																									

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)			3.8E-04	7.2E-04	7.5E-04	1.1E-04	7.8E-04	1.0E-04	1.5E-05	1.6E-04	2.3E-05	1.9E-04	2.7E-05	6.4E-04	9.3E-05	1.0E-03	9.1E-04	1.1E-03	2.7E-03	3.8E-04	2.0E-03	2.8E-04	7.3E-03	9.9E-04	2.3E-03	3.1E-03	3.2E-03	6.0E-04	9.1E-05	6.5E-03	7.6E-04	3.1E-03	1.4E-02	1.7E-02	2.0E-03	1.5E-02	3.6E-04	4.3E-05	4.3E-04	5.4E-05	4.9E-04	6.3E-05		
			Hourly and Daily Average																																									
ASR			Reprovisioning Option B																				Reprovisioning Option C																					
No.	Name	Height	Part 4																				Part 1																					
			Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene		
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)			Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily
74	KT-A7d	16	4.3E-02	8.1E-02	8.5E-02	7.0E-03	8.8E-02	1.2E-02	9.7E-04	1.8E-02	1.5E-03	2.1E-02	1.7E-03	7.2E-02	6.0E-03	1.1E-01	1.0E-01	1.2E-01	3.0E-01	2.5E-02	2.2E-01	1.8E-02	8.3E-01	1.1E-01	2.5E-01	3.5E-01	3.6E-01	1.0E-01	1.1E-02	6.7E-01	8.1E-02	4.4E-01	2.8E+00	3.4E+00	3.7E-01	3.3E+00	5.2E-02	5.7E-03	6.1E-02	6.7E-03	7.1E-02	7.8E-03		
75	KT-A7e	20	2.9E-02	5.5E-02	5.7E-02	4.4E-03	5.9E-02	7.8E-03	6.1E-04	1.2E-02	9.4E-04	1.4E-02	1.1E-03	4.8E-02	3.7E-03	7.5E-02	6.9E-02	8.1E-02	2.0E-01	1.5E-02	1.5E-01	1.1E-02	5.6E-01	7.5E-02	1.7E-01	2.3E-01	2.4E-01	8.5E-02	9.3E-03	5.7E-01	6.9E-02	3.7E-01	2.4E+00	2.9E+00	3.2E-01	2.8E+00	4.4E-02	4.9E-03	5.2E-02	5.7E-03	6.0E-02	6.6E-03		
76	KT-A8a	4	1.1E-01	2.1E-01	2.1E-01	2.8E-02	2.2E-01	3.0E-02	3.8E-03	4.6E-02	5.9E-03	5.3E-02	7.0E-03	1.8E-01	2.4E-02	2.8E-01	2.6E-01	3.1E-01	7.6E-01	9.7E-02	5.6E-01	7.2E-02	2.1E+00	2.8E-01	6.4E-01	8.8E-01	9.0E-01	2.5E-01	2.8E-02	1.4E+00	1.6E-01	8.0E-01	3.5E+00	4.3E+00	4.0E-01	3.9E+00	1.2E-01	1.4E-02	1.6E-01	1.9E-02	1.9E-01	2.2E-02		
77	KT-A8b	8	9.5E-02	1.8E-01	1.9E-01	2.1E-02	2.0E-01	2.6E-02	2.9E-03	4.0E-02	4.6E-03	4.7E-02	5.4E-03	1.6E-01	1.8E-02	2.5E-01	2.3E-01	2.7E-01	6.6E-01	7.5E-02	4.9E-01	5.5E-02	1.8E+00	2.5E-01	5.6E-01	7.7E-01	7.9E-01	2.1E-01	2.3E-02	1.3E+00	1.4E-01	7.1E-01	3.2E+00	3.9E+00	3.6E-01	3.5E+00	1.0E-01	1.1E-02	1.4E-01	1.5E-02	1.6E-01	1.8E-02		
78	KT-A8c	12	8.2E-02	1.6E-01	1.6E-01	1.8E-02	1.7E-01	2.2E-02	2.4E-03	3.5E-02	3.8E-03	4.0E-02	4.4E-03	1.4E-01	1.5E-02	2.1E-01	1.9E-01	2.3E-01	5.7E-01	6.2E-02	4.2E-01	4.6E-02	1.6E+00	2.1E-01	4.8E-01	6.8E-01	1.7E-01	1.9E-02	1.1E+00	1.2E-01	6.1E-01	2.9E+00	3.5E+00	3.1E-01	3.2E+00	8.7E-02	9.5E-03	1.1E-01	1.3E-02	1.3E-01	1.5E-02			
79	KT-A8d	16	6.9E-02	1.3E-01	1.4E-01	1.6E-02	1.4E-01	1.9E-02	2.2E-03	2.9E-02	3.3E-03	3.4E-02	3.9E-03	1.2E-01	1.3E-02	1.8E-01	1.6E-01	1.9E-01	4.8E-01	5.5E-02	3.5E-01	4.0E-02	1.3E+00	1.8E-01	4.1E-01	5.6E-01	5.7E-01	1.5E-01	1.7E-02	9.5E-01	1.0E-01	5.3E-01	2.5E+00	3.1E+00	2.7E-01	2.8E+00	7.5E-02	7.8E-03	1.0E-01	1.1E-02	1.2E-01	1.2E-02		
80	KT-A8e	20	5.7E-02	1.1E-01	1.1E-01	1.4E-02	1.2E-01	1.6E-02	1.9E-03	2.4E-02	2.9E-03	2.8E-02	3.4E-03	9.6E-02	1.2E-02	1.5E-01	1.4E-01	1.6E-01	4.0E-01	4.8E-02	2.9E-01	3.5E-02	1.1E+00	1.5E-01	3.4E-01	4.6E-01	4.8E-01	1.4E-01	1.5E-02	8.1E-01	8.6E-02	4.5E-01	2.2E+00	2.7E+00	2.5E-01	2.5E+00	6.7E-02	7.2E-03	8.9E-02	9.7E-03	1.0E-01	1.1E-02		
81	KT-A8f	30	3.3E-02	6.3E-02	6.6E-02	9.3E-03	6.8E-02	9.1E-03	1.3E-03	1.4E-02	2.0E-03	1.6E-02	2.3E-03	5.6E-02	7.9E-03	8.7E-02	7.9E-02	9.4E-02	2.3E-01	3.3E-02	1.7E-01	2.4E-02	6.4E-01	8.6E-02	2.0E-01	2.7E-01	2.8E-01	9.4E-02	1.1E-02	6.3E-01	7.0E-02	3.5E-01	1.6E+00	2.0E+00	2.0E-01	1.9E+00	4.9E-02	5.7E-03	6.4E-02	7.5E-03	7.4E-02	8.7E-03		
82	KT-A8g	40	2.2E-02	4.1E-02	4.3E-02	5.9E-03	4.5E-02	5.9E-03	8.2E-04	9.2E-03	1.3E-03	1.1E-02	1.5E-03	3.6E-02	5.0E-03	5.7E-02	5.2E-02	6.1E-02	1.5E-01	2.1E-02	1.1E-01	1.5E-02	4.2E-01	5.6E-02	1.3E-01	1.8E-01	1.8E-01	6.5E-02	8.5E-03	4.8E-01	5.7E-02	2.6E-01	1.3E+00	1.5E+00	1.7E-01	1.4E+00	3.6E-02	4.4E-03	4.5E-02	5.7E-03	5.2E-02	6.6E-03		
83	KT-A8h	50	1.4E-02	2.6E-02	2.7E-02	3.6E-03	2.8E-02	3.7E-03	4.9E-04	5.8E-03	7.7E-04	6.7E-03	8.9E-04	2.3E-02	3.0E-03	3.6E-02	3.3E-02	3.9E-02	9.5E-02	1.3E-02	7.0E-02	9.3E-03	2.6E-01	3.5E-02	8.1E-02	1.1E-01	1.1E-01	4.6E-02	6.3E-03	3.7E-01	4.6E-02	2.0E-01	1.0E+00	1.2E+00	1.4E-01	1.1E+00	2.6E-02	3.4E-03	3.2E-02	4.3E-03	3.7E-02	5.0E-03		
84	KT-A8i	60	8.2E-03	1.6E-02	1.6E-02	2.0E-03	1.7E-02	2.2E-03	2.8E-04	3.5E-03	4.4E-04	4.0E-03	5.1E-04	1.4E-02	1.7E-03	2.1E-02	2.0E-02	2.3E-02	5.7E-02	7.2E-03	4.2E-02	5.3E-03	1.6E-01	2.1E-02	4.8E-02	6.6E-02	6.8E-02	3.5E-02	4.7E-03	2.8E-01	3.7E-02	1.6E-01	8.3E-01	1.0E+00	1.2E-01	9.3E-01	2.0E-02	2.6E-03	2.5E-02	3.3E-03	2.8E-02	3.8E-03		
85	KT-A8j	70	4.7E-03	8.9E-03	9.3E-03	1.1E-03	9.7E-03	1.3E-03	1.5E-04	2.0E-03	2.4E-04	2.3E-03	2.8E-04	7.9E-03	9.5E-04	1.2E-02	1.1E-02	1.3E-02	3.3E-02	3.9E-03	2.4E-02	2.9E-03	9.1E-02	1.2E-02	2.8E-02	3.8E-02	3.9E-02	2.9E-02	3.5E-03	2.3E-01	2.9E-02	1.3E-01	6.9E-01	8.4E-01	1.0E-01	7.8E-01	1.6E-02	2.0E-03	2.0E-02	2.5E-03	2.3E-02	2.9E-03		
86	KT-A8k	80	2.7E-03	5.1E-03	5.3E-03	5.9E-04	5.5E-03	7.2E-04	8.0E-05	1.1E-03	1.3E-04	1.3E-03	1.5E-04	4.5E-03	5.0E-04	7.0E-03	6.4E-03	7.5E-03	1.9E-02	2.1E-03	1.4E-02	1.5E-03	5.1E-02	6.9E-03	1.6E-02	2.2E-02	2.2E-02	2.4E-02	2.7E-03	2.1E-01	2.3E-02	1.2E-01	6.1E-01	7.4E-01	8.3E-02	7.1E-01	1.4E-02	1.6E-03	1.7E-02	1.9E-03	2.0E-02	2.2E-03		
87	KT-A8l	90	1.6E-03	3.1E-03	3.2E-03	2.9E-04	3.3E-03	4.4E-04	4.0E-05	6.9E-04	6.0E-05	7.9E-04	7.0E-05	2.7E-03	2.5E-04	4.2E-03	3.9E-03	4.6E-03	1.1E-02	1.0E-03	8.3E-03	7.6E-04	3.1E-02	4.2E-03	9.6E-03	1.3E-02	1.3E-02	2.2E-02	2.3E-03	1.9E-01	1.8E-02	1.1E-01	5.8E-01	7.1E-01	7.3E-02	6.7E-01	1.3E-02	1.3E-03	1.6E-02	1.6E-03	1.8E-02	1.8E-03		
88	KT-A8m	100	1.3E-03	2.5E-03	2.6E-03	2.0E-04	2.7E-03	3.5E-04	3.0E-05	5.5E-04	4.0E-05	6.3E-04	5.0E-05	2.2E-03	1.7E-04	3.4E-03	3.1E-03	3.7E-03	9.0E-03	6.9E-04	6.6E-03	5.1E-04	2.5E-02	3.4E-03	7.6E-03	1.0E-02	1.1E-02	2.1E-02	2.2E-03	1.8E-01	1.8E-02	1.0E-01	5.7E-01	6.9E-01	7.1E-02	6.6E-01	1.3E-02	1.2E-03	1.5E-02	1.5E-03	1.7E-02	1.7E-03		
89	KT-A9a	4	3.6E-01	6.9E-01	7.2E-01	1.1E-01	7.5E-01	9.9E-02	1.5E-02	1.5E-01	2.3E-02	1.8E-01	2.7E-02	6.1E-01	9.3E-02	9.5E-01	8.7E-01	1.0E+00	2.5E+00	3.8E-01	1.9E+00	2.6E-01	7.0E+00	9.4E-01	2.2E+00	3.0E+00	3.0E+00	6.0E-01	9.1E-02	5.6E+00	5.7E-01	2.7E+00	1.2E+01	1.5E+01	1.5E+00	1.3E+01	3.3E-01	3.8E-02	4.0E-01	5.4E-02	4.6E-01	6.3E-02		
90	KT-A9b	8	1.9E-01	3.5E-01	3.7E-01	6.1E-02	3.8E-01	5.0E-02	8.4E-03	7.8E-02	1.3E-02	9.1E-02	1.5E-02	3.1E-01	5.2E-02	4.8E-01	4.4E-01	5.2E-01	1.3E+00	2.2E-01	9.5E-01	1.8E-01	3.6E+00	4.8E-01	1.1E+00	1.5E+00	1.5E+00	4.0E-01	5.7E-02	4.2E+00	4.2E-01	2.0E+00	9.3E+00	1.1E+01	1.2E+00	9.9E+00	2.4E-01	2.5E-02	3.0E-01	3.5E-02	3.4E-01	4.1E-02		
91	KT-P1a	4	1.3E-01	2.0E-01	2.1E-01	1.6E-02	2.2E-01	2.9E-02	2.1E-03	4.6E-02	3.3E-03	5.3E-02	4.0E-03	1.8E-01	1.3E-02	2.8E-01	2.6E-01	3.0E-01	7.5E-01	5.5E-02	5.5E-01	4.0E-02	2.1E+00	2.8E-01	6.4E-01	4.1E-01	9.0E-01	3.7E-01	3.9E-02	2.5E+00	2.9E-01	1.6E+00	1.0E+01	1.3E+01	1.2E+00	1.2E+01	1.9E-01	2.1E-02	2.3E-01	2.6E-02	2.6E-01	3.0E-02		
92	KT-P1b	8	1.1E-01	1.8E-01	1.8E-01	1.4E-02	1.9E-01	2.5E-02	1.9E-03	3.9E-02	3.0E-03	4.5E-02	3.6E-03	1.5E-01	1.2E-02	2.4E-01	2.2E-01	2.6E-01	6.4E-01	5.0E-02	4.7E-01	3.7E-02	1.8E+00	2.4E-01	5.5E-01	4.0E-01	7.7E-01	3.4E-01	3.5E-02	2.2E+00	2.5E-01	1.5E+00	9.4E+00	1.1E+01	1.1E+00	1.1E+01	1.7E-01	1.8E-02	2.1E-01	2.2E-02	2.4E-01	2.6E-02		
93	KT-P1c	12	9.1E-02	1.4E-01	1.5E-01	1.2E-02	1.5E-01	2.0E-02	1.7E-03	3.2E-02	2.7E-03	3.7E-02	3.2E-03	1.3E-01	1.1E-02	2.0E-01	1.8E-01	2.1E-01	5.2E-01	4.4E-02	3.8E-01	3.2E-02	1.4E+00	1.9E-01	4.4E-01	3.9E-01	6.2E-01	3.0E-01	3.1E-02	2.0E+00	2.1E-01	1.3E+00	8.3E+00	1.0E+01	9.9E-01	9.7E+00	1.5E-01	1.6E-02	1.8E-01	1.9E-02	2.1E-01	2.2E-02		
94	KT-P1d	16	7.0E-02	1.1E-01	1.1E-01	1.1E-02	1.2E-01	1.6E-02	1.5E-03	2.4E-02	2.3E-03	2.8E-02	2.7E-03	9.7E-02	9.1E-03	1.5E-01	1.4E-01	1.6E-01	4.0E-01	3.8E-02	3.0E-01	2.8E-02	1.1E+00	1.5E-01	3.4E-01	3.8E-01	4.8E-01	2.5E-01	2.7E-02	1.7E+00	1.8E-01	1.1E+00	7.1E+00	8.6E+00	8.5E-01	8.3E+00	1.3E-01	1.4E-02	1.6E-01	1.7E-02	1.8E-01	1.9E-02		
95	KT-P1e	20	5.2E-02	8.6E-02	8.9E-02	9.2E-03	9.3E-02	1.2E-02	1.3E-03	1.9E-02	2.0E-03	2.2E-02	2.3E-03	7.6E-02	7.8E-03	1.2E-01	1.1E-01	1.3E-01	3.1E-01	3.2E-02	2.3E-01	2.4E-02	8.7E-01	1.2E-0																				

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)		1.5E-03	2.1E-04	3.1E-03	7.1E-04	1.6E-03	8.7E-03	9.8E-04	1.1E-02	1.2E-03	1.3E-02	1.0E-02	3.8E-03	6.4E-03	8.6E-03	2.9E-04	2.7E-05	1.8E-03	1.6E-04	1.0E-03	5.9E-03	7.0E-03	6.4E-04	8.8E-03	3.1E-04	2.9E-05	3.7E-04	3.4E-05	4.3E-04	3.9E-05	1.3E-03	1.2E-04	1.0E-03	2.8E-04	4.0E-04	4.5E-03	4.2E-04				
		Hourly and Daily Average																																							
		Reprovisioning Option C																																							
ASR		Part 1																			Part 2																				
No.	Name	Height	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene	Benzo(a)anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Naphthalene	Phenanthrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Pyrene	Benzo(a)pyrene	Benzene	Benzene	Toluene	Toluene	Ethylbenzene	Ethylbenzene	Xylenes (Total)	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Chrysene			
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)		Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Daily	Hourly	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Daily
1	KT-A1a	4	6.6E-01	7.0E-02	2.0E+00	4.9E-01	5.9E-01	5.4E+00	5.6E-01	4.5E+00	4.8E-01	1.0E+01	4.8E+00	1.9E+00	3.8E+00	4.7E+00	1.4E-01	2.1E-02	8.8E-01	1.3E-01	5.1E-01	2.9E+00	3.5E+00	5.0E-01	4.4E+00	1.6E-01	2.3E-02	1.8E-01	2.7E-02	2.1E-01	3.1E-02	6.4E-01	9.2E-02	5.1E-01	1.4E-01	2.0E-01	2.3E+00	3.3E-01	2.0E-01	2.3E+00	3.3E-01
2	KT-A1b	8	4.3E-01	4.9E-02	1.3E+00	3.2E-01	3.9E-01	3.5E+00	3.3E-01	3.0E+00	3.1E-01	6.7E+00	1.3E+00	2.5E+00	3.1E+00	9.9E-02	1.3E-02	6.1E-01	8.0E-02	3.5E-01	2.0E+00	2.4E+00	3.1E-01	2.0E+00	7.2E-02	8.6E-03	8.5E-02	1.0E-02	9.8E-02	1.2E-02	2.9E-01	3.5E-02	2.4E-01	6.7E-02	9.1E-01	1.5E+00	1.9E-02	1.4E-01	1.5E+00	1.5E+00	
3	KT-A1c	12	2.7E-01	4.4E-02	8.1E-01	2.0E-01	2.5E-01	2.2E+00	1.9E-01	1.9E+00	2.0E-01	4.3E+00	2.0E+00	7.9E-01	1.6E+00	1.9E+00	6.7E-02	8.0E-03	4.1E-01	4.9E-02	2.4E-01	1.4E+00	1.6E+00	3.9E-01	2.0E+00	7.2E-02	8.6E-03	8.5E-02	1.0E-02	9.8E-02	1.2E-02	2.9E-01	3.5E-02	2.4E-01	6.7E-02	9.1E-01	1.5E+00	1.9E-02	1.4E-01	1.5E+00	1.5E+00
4	KT-A1d	16	2.3E-01	3.9E-02	5.0E-01	1.3E-01	2.0E-01	1.4E+00	1.4E-01	1.2E+00	1.7E-01	2.6E+00	1.2E+00	4.9E-01	9.7E-01	1.2E+00	4.4E-02	4.8E-03	2.7E-01	3.0E-02	1.6E-01	9.0E-01	1.1E+00	1.3E+00	4.8E-02	5.2E-03	5.6E-02	6.2E-03	6.5E-02	7.1E-03	1.9E-01	2.1E-02	1.6E-01	4.3E-02	6.0E-02	6.9E-01	7.6E-02	7.6E-02	7.6E-02	7.6E-02	
5	KT-A1e	20	2.1E-01	3.4E-02	3.0E-01	9.4E-02	1.8E-01	1.2E-01	1.4E-01	1.2E-01	1.5E-01	1.6E+00	8.5E-01	3.8E-01	6.0E-01	7.7E-01	2.9E-02	3.0E-03	1.8E-01	1.8E-02	1.0E-01	5.0E-01	6.9E-01	7.1E-02	8.7E-01	3.1E-02	3.7E-02	3.8E-03	4.2E-02	4.3E-03	1.3E-01	1.3E-02	1.0E-01	2.8E-02	3.9E-02	3.9E-02	4.5E-01	4.6E-02	4.6E-02	4.6E-02	4.6E-02
6	KT-A1f	30	1.7E-01	2.5E-02	2.1E-01	7.5E-02	1.4E-01	5.7E-01	8.4E-02	7.2E-01	1.1E-01	8.2E-01	6.5E-01	3.0E-01	4.6E-01	5.9E-01	9.2E-03	8.9E-04	5.7E-02	5.5E-03	3.3E-02	1.9E-01	2.2E-01	2.1E-02	2.8E-01	1.0E-02	9.6E-04	1.2E-02	1.1E-03	1.4E-02	1.3E-03	4.1E-02	3.9E-03	3.3E-02	9.0E-03	1.3E-02	1.4E-01	1.4E-02	1.4E-02	1.4E-02	
7	KT-A1g	40	1.3E-01	1.8E-02	1.6E-01	5.7E-02	1.1E-01	4.3E-01	5.9E-02	5.4E-01	7.4E-02	6.1E-01	4.9E-01	2.2E-01	3.4E-01	4.4E-01	2.6E-03	2.4E-04	1.6E-02	1.5E-03	9.4E-03	5.4E-02	6.3E-02	5.9E-03	8.0E-02	2.8E-03	2.6E-04	3.4E-03	3.1E-04	3.9E-03	3.6E-04	1.2E-02	1.1E-03	9.3E-03	2.6E-03	3.6E-03	4.1E-02	3.8E-03	3.8E-03		
8	KT-A1h	50	1.1E-01	1.4E-02	1.3E-01	4.8E-02	8.6E-02	3.4E-01	4.1E-02	4.2E-01	5.1E-02	4.9E-01	3.8E-01	1.8E-01	2.8E-01	3.5E-01	6.6E-04	6.0E-05	4.1E-03	3.8E-01	1.8E-02	1.8E-01	1.8E-01	1.6E-02	1.4E-03	7.1E-04	6.0E-05	8.4E-04	8.0E-05	9.7E-04	9.0E-05	2.9E-03	2.6E-04	2.3E-03	6.5E-04	9.0E-04	1.0E-02	9.3E-04	9.3E-04		
9	KT-A1i	60	8.7E-02	9.8E-03	1.0E-01	3.9E-02	6.9E-02	2.6E-01	2.8E-02	3.3E-01	3.5E-02	3.8E-01	2.9E-01	1.4E-01	2.2E-01	2.7E-01	1.5E-04	1.0E-05	8.9E-04	8.0E-05	5.2E-04	3.0E-03	3.5E-03	3.1E-04	4.4E-03	1.6E-04	1.0E-05	1.8E-04	2.0E-05	2.1E-04	2.0E-05	6.4E-04	6.0E-05	5.1E-04	1.4E-04	2.0E-04	2.3E-03	2.0E-04	2.0E-04	2.0E-04	
10	KT-A1j	70	7.1E-02	7.2E-03	7.7E-02	3.2E-02	5.4E-02	2.0E-01	1.9E-02	2.4E-01	2.3E-02	2.9E-01	2.2E-01	1.1E-01	1.7E-01	2.1E-01	3.0E-05	0.0E+00	1.7E-04	1.0E-05	1.0E-04	5.6E-04	6.7E-04	6.0E-05	8.4E-04	3.0E-05	0.0E+00	4.0E-05	0.0E+00	4.0E-05	0.0E+00	1.2E-04	1.0E-05	1.0E-04	3.0E-05	4.0E-05	4.3E-04	4.0E-05	4.0E-05	4.0E-05	
11	KT-A1k	80	5.9E-02	5.4E-03	5.9E-02	2.7E-02	4.3E-02	1.5E-01	1.3E-02	1.8E-01	1.6E-02	2.2E-01	1.6E-01	8.9E-02	1.3E-01	1.6E-01	0.0E+00	0.0E+00	3.0E-05	0.0E+00	0.0E+00	2.0E-05	5.6E-04	6.7E-04	6.0E-05	8.4E-04	3.0E-05	0.0E+00	1.0E-05	0.0E+00	1.0E-05	0.0E+00	2.0E-05	0.0E+00	2.0E-05	0.0E+00	1.0E-05	7.0E-05	1.0E-05	1.0E-05	
12	KT-A1l	90	5.1E-02	4.2E-03	4.7E-02	2.3E-02	3.6E-02	1.2E-01	9.4E-03	1.4E-01	1.1E-02	1.8E-01	1.3E-01	7.3E-02	1.0E-01	1.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	2.0E-05	0.0E+00	2.0E-05	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	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
13	KT-A1m	100	4.6E-02	3.5E-03	4.1E-02	2.1E-02	3.1E-02	1.0E-01	7.4E-03	1.2E-01	8.6E-03	1.5E-01	1.1E-01	6.4E-02	9.0E-02	1.1E-01	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	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	0.0E+00	0.0E+00	0.0E+00
14	KT-A2a	4	2.6E-01	4.2E-02	4.0E-01	1.2E-01	3.2E-01	3.1E-01	1.5E-01	1.3E+00	1.8E-01	1.6E+00	1.2E+00	5.2E-01	8.3E-01	1.1E+00	6.9E-02	9.0E-03	4.3E-01	5.5E-02	2.5E-01	1.4E+00	1.7E+00	2.0E+00	2.2E-01	2.1E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-02	3.1E-01	4.0E-02	2.5E-01	6.8E-02	9.5E-02	1.1E+00	1.4E-01	1.4E-01	
15	KT-A2b	8	2.4E-01	3.6E-02	3.4E-01	1.1E-01	2.1E-01	9.0E-01	1.2E-01	1.1E+00	1.5E-01	1.3E+00	1.0E+00	4.5E-01	7.1E-01	9.2E-01	4.9E-02	6.9E-03	3.0E-01	4.2E-02	1.7E-01	9.9E-01	1.7E-01	1.5E+00	5.3E-02	7.5E-03	6.2E-02	8.8E-03	7.2E-02	1.0E-02	2.1E-01	3.1E-02	1.7E-01	4.8E-02	6.7E-02	7.6E-01	1.1E-01	1.1E-01	1.1E-01		
16	KT-A2c	12	2.2E-01	3.2E-02	3.0E-01	9.8E-02	1.9E-01	1.0E-01	1.0E-01	1.0E-01	1.3E-01	1.1E+00	9.2E-01	4.1E-01	6.3E-01	8.2E-01	3.6E-02	5.2E-03	2.2E-01	3.2E-02	1.3E-01	7.3E-01	8.6E-01	1.7E-01	1.5E+00	5.3E-02	7.5E-03	6.2E-02	8.8E-03	7.2E-02	1.0E-02	2.1E-01	3.1E-02	1.7E-01	4.8E-02	6.7E-02	7.6E-01	1.1E-01	1.1E-01	1.1E-01	
17	KT-A2d	16	2.0E-01	2.8E-02	2.7E-01	9.0E-02	1.7E-01	7.2E-01	8.9E-02	9.1E-01	1.1E-01	1.0E+00	8.3E-01	3.7E-01	5.8E-01	7.4E-01	2.7E-02	3.9E-03	1.6E-01	2.4E-02	9.6E-02	5.5E-01	6.5E-01	9.3E-02	8.1E-01	2.9E-02	4.2E-03	3.4E-02	4.9E-03	3.9E-02	5.7E-03	1.2E-01	1.7E-02	9.5E-02	2.6E-02	3.7E-02	4.2E-01	6.0E-02	6.0E-02		
18	KT-A2e	20	1.8E-01	2.4E-02	2.5E-01	8.3E-02	1.6E-01	6.5E-01	7.7E-02	8.3E-01	9.6E-02	9.3E-01	7.5E-01	3.4E-01	5.2E-01	6.7E-01	2.0E-02	2.8E-03	1.2E-01	1.7E-02	7.0E-02	4.0E-01	4.8E-01	6.7E-02	6.0E-01	2.1E-02	3.0E-03	2.5E-02	3.6E-03	2.9E-02	4.1E-03	8.7E-02	1.2E-02	7.0E-02	1.9E-02	2.7E-02	3.1E-01	4.4E-02	4.4E-02		
19	KT-A2f	30	1.4E-01	1.8E-02	1.9E-01	6.5E-02	1.2E-01	4.9E-01	5.8E-02	6.2E-01	7.2E-02	7.1E-01	5.6E-01	2.6E-01	4.0E-01	5.1E-01	8.5E-03	1.2E-03	5.2E-02	7.2E-03	3.0E-02	1.7E-01	2.1E-01	2.1E-01	2.8E-02	6.0E-01	9.2E-02	1.3E-02	1.5E-03	1.3E-02	1.7E-03	3.8E-02	5.2E-03	3.0E-02	8.3E-03	1.2E-02	1.3E-01	1.8E-02	1.8E-02		
20	KT-A2g	40	1.1E-01	1.4E-02	1.3E-01	4.9E-02	8.9E-02	3.6E-01	4.2E-02	4.4E-01	5.2E-02	5.1E-01	4.0E-01	1.9E-01	2.9E-01	3.7E-01	3.3E-03	4.5E-04	2.0E-02	2.8E-03	1.2E-02	6.8E-02	8.0E-02	1.1E-02	1.0E-01	3.6E-03	4.9E-04	4.3E-03	5.8E-04	4.9E-03	6.6E-04	1.5E-02	2.0E-03	1.2E-02	3.3E-03	4.6E-03	5.2E-02	7.1E-03	7.1E-03		
21	KT-A2h	50	8.4E-02	1.1E-02	9.8E-02	3.8E-02	6.7E-02	2.6E-01	3.0E-02	3.2E-01	3.7E-02	3.7E-01	2.8E-01	1.4E-01	2.1E-01	2.7E-01	1.2E-03	1.6E-04	7.4E-03	9.9E-04	4.3E-03	2.5E-02	2.9E-02	3.9E-03	3.6E-02	1.3E-03	1.7E-04	1.5E-03	2.1E-04	1.8E-03	2.4E-04	5.3E-03	7.1E-04	4.3E-03	1.2E-03	1.6E-03	1.9E-02	2.5E-03	2.5E-03		
22	KT-A2i	60	7.2E-02	8.1E-03	8.0E-02	3.3E-02	5.6E-02	2.1E-01	2.1E-02	2.5E-01	2.6E-02	3.0E-01	2.3E-01	1.2E-01	1.7E-01	2.2E-01	4.0E-04	5.0E-05	2.5E-03	3.3E-04	1.4E-03	8.2E-02	9.7E-03	1.3E-03	1.2E-02	4.3E-04	6.0E-05	5.1E-04	7.0E-05	5.9E-04	8.0E-05	1.8E-03	2.4E-04	1.4E-03	3.9E-04	5.5E-04	6.3E-03	8.4E-04	8.4E-04		
23	KT-A2j	70	6.3E-02	6.2E-03	6.6E-02	2.9E-02	4.7E-02	1.7E-01	1.6E-02	2.0E-01	1.9E-02	2.5E-01	1.8E-01	9.7E-02	1.4E-01	1.8E-01	1.2E-04	2.0E-05	7.6E-04	1.0E-04	4.4E-04	2.5E-03	3.0E-03	4.0E-04	3.8E-03	1.3E-04	2.0E-05	1.6E-04	2.0E-05												

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m ³)			1.5E-03	2.1E-04	3.1E-03	7.1E-04	1.6E-03	8.7E-03	9.8E-04	1.1E-02	1.2E-03	1.3E-02	1.0E-02	3.8E-03	6.4E-03	8.6E-03	2.9E-04	2.7E-05	1.8E-03	1.6E-04	1.0E-03	5.9E-03	7.0E-03	6.4E-04	8.8E-03	3.1E-04	2.9E-05	3.7E-04	3.4E-05	4.3E-04	3.9E-05	1.3E-03	1.2E-04	1.0E-03	2.8E-04	4.0E-04	4.5E-03	4.2E-04										
			Hourly and Daily Average																																													
			Reprovisioning Option C																																													
ASR			Part 1																			Part 2																										
No.	Name	Height	Xylenes (Total) Hourly	Xylenes (Total) Daily	Acenaphthylene Hourly	Acenaphthylene Daily	Fluorene Hourly	Fluorene Daily	Chrysene Hourly	Chrysene Daily	Benzo(a)anthracene Hourly	Benzo(a)anthracene Daily	Benzo(b)fluoranthene Hourly	Benzo(b)fluoranthene Daily	Benzo(k)fluoranthene Hourly	Benzo(k)fluoranthene Daily	Dibenz(a,h)anthracene Hourly	Dibenz(a,h)anthracene Daily	Indeno(1,2,3-cd)pyrene Hourly	Indeno(1,2,3-cd)pyrene Daily	Benzo(g,h,i)perylene Hourly	Benzo(g,h,i)perylene Daily	Naphthalene Hourly	Naphthalene Daily	Phenanthrene Hourly	Phenanthrene Daily	Anthracene Hourly	Anthracene Daily	Fluoranthene Hourly	Fluoranthene Daily	Pyrene Hourly	Pyrene Daily	Benzo(a)pyrene Hourly	Benzo(a)pyrene Daily	Benzene Hourly	Benzene Daily	Toluene Hourly	Toluene Daily	Ethylbenzene Hourly	Ethylbenzene Daily	Xylenes (Total) Hourly	Xylenes (Total) Daily	Acenaphthylene Hourly	Acenaphthylene Daily	Fluorene Hourly	Fluorene Daily	Chrysene Hourly	Chrysene Daily
Concentration (mg/m ³) (Note: Model inputs were multiplied by a factor of 1000)																																																
74	KT-A7d	16	2.1E-01	2.3E-02	6.3E-01	1.6E-01	1.9E-01	1.7E+00	1.9E-01	1.5E+00	1.6E-01	1.5E+00	3.3E+00	1.5E+00	6.1E-01	1.2E+00	1.5E+00	4.6E-02	4.6E-03	2.8E-01	2.9E-02	1.7E-01	9.4E-01	1.1E+00	1.1E-01	1.4E+00	5.0E-02	5.0E-03	5.9E-02	5.9E-03	6.8E-02	6.8E-03	2.0E-01	2.0E-02	1.6E-01	4.5E-02	6.3E-02	7.3E-01	7.2E-02									
75	KT-A7e	20	1.8E-01	2.0E-02	5.3E-01	1.3E-01	1.6E-01	1.5E+00	1.6E-01	1.2E+00	1.4E-01	2.8E+00	1.3E+00	5.2E-01	1.0E+00	1.3E+00	4.1E-02	4.2E-03	2.5E-01	2.6E-02	1.4E-01	8.3E-01	9.8E-01	1.0E-01	1.2E+00	4.4E-02	4.6E-03	5.2E-02	5.4E-03	6.0E-02	6.2E-03	1.8E-01	1.9E-02	1.4E-01	4.0E-02	5.5E-02	6.3E-01	6.6E-02										
76	KT-A8a	4	6.0E-01	6.9E-02	8.6E-01	3.1E-01	4.6E-01	2.3E+00	2.2E-01	2.4E+00	2.5E-01	3.8E+00	2.3E+00	1.1E+00	1.8E+00	2.2E+00	3.5E-02	3.8E-03	2.2E-01	2.4E-02	1.3E-01	7.2E-01	8.5E-01	9.1E-02	1.1E+00	3.8E-02	4.1E-03	4.5E-02	4.8E-03	5.2E-02	5.6E-03	1.5E-01	1.7E-02	1.2E-01	3.4E-02	4.8E-02	5.5E-01	5.9E-02										
77	KT-A8b	8	5.0E-01	5.7E-02	7.6E-01	2.6E-01	4.0E-01	2.0E+00	1.9E-01	2.1E+00	2.2E-01	3.4E+00	2.0E+00	9.5E-01	1.6E+00	2.0E+00	3.3E-02	3.6E-03	2.0E-01	2.3E-02	1.2E-01	6.8E-01	8.0E-01	8.6E-02	1.0E+00	3.6E-02	3.9E-03	4.3E-02	4.6E-03	4.9E-02	5.3E-03	1.5E-01	1.6E-02	1.2E-01	3.3E-02	4.6E-02	5.2E-01	5.6E-02										
78	KT-A8c	12	4.2E-01	4.6E-02	6.8E-01	2.2E-01	3.4E-01	1.8E+00	1.7E-01	1.9E+00	1.9E-01	3.0E+00	1.8E+00	8.2E-01	1.4E+00	1.7E+00	3.1E-02	3.4E-03	1.9E-01	2.1E-02	1.1E-01	6.4E-01	7.6E-01	8.1E-02	9.5E-01	3.4E-02	3.7E-03	4.0E-02	4.3E-03	4.6E-02	5.0E-03	1.4E-01	1.5E-02	1.1E-01	3.1E-02	4.3E-02	4.9E-01	5.3E-02										
79	KT-A8d	16	3.7E-01	4.0E-02	5.9E-01	1.9E-01	2.9E-01	1.6E+00	1.4E-01	1.7E+00	1.6E-01	2.7E+00	1.6E+00	7.0E-01	1.2E+00	1.5E+00	2.9E-02	3.2E-03	1.8E-01	2.0E-02	1.0E-01	6.0E-01	7.1E-01	7.6E-02	8.9E-01	3.2E-02	3.4E-03	3.7E-02	4.0E-03	4.3E-02	4.7E-03	1.3E-01	1.4E-02	1.0E-01	2.9E-02	4.0E-02	4.6E-01	4.9E-02										
80	KT-A8e	20	3.3E-01	3.6E-02	5.2E-01	1.7E-01	2.6E-01	1.4E+00	1.3E-01	1.4E+00	1.4E-01	2.4E+00	1.4E+00	6.0E-01	1.1E+00	1.3E+00	2.7E-02	2.9E-03	1.7E-01	1.9E-02	9.7E-02	5.5E-01	6.6E-01	7.1E-02	8.2E-01	2.9E-02	3.2E-03	3.5E-02	3.8E-03	4.0E-02	4.4E-03	1.2E-01	1.3E-02	9.7E-02	2.7E-02	3.7E-02	4.3E-01	4.6E-02										
81	KT-A8f	30	2.9E-01	2.8E-02	3.7E-01	1.2E-01	1.9E-01	1.0E+00	1.1E-01	1.1E+00	1.1E-01	1.9E+00	1.0E+00	4.6E-01	7.6E-01	9.6E-01	2.2E-02	2.4E-03	1.3E-01	1.5E-02	7.8E-02	4.4E-01	5.2E-01	5.7E-02	6.6E-01	2.4E-02	2.6E-03	2.8E-02	3.0E-03	3.2E-02	3.5E-03	9.6E-02	1.0E-02	7.7E-02	2.1E-02	3.0E-02	3.4E-01	3.7E-02										
82	KT-A8g	40	1.6E-01	2.1E-02	2.9E-01	8.7E-02	1.4E-01	8.0E-01	8.9E-02	8.4E-01	9.5E-02	1.4E+00	8.1E-01	3.5E-01	6.0E-01	7.6E-01	1.7E-02	1.8E-03	1.0E-01	1.2E-02	5.9E-02	3.4E-01	4.0E-01	4.4E-02	5.0E-01	1.8E-02	2.0E-03	2.1E-02	2.3E-03	2.4E-02	2.7E-03	7.3E-02	8.1E-03	5.9E-02	1.6E-02	2.3E-02	2.6E-01	2.9E-02										
83	KT-A8h	50	1.1E-01	1.6E-02	2.3E-01	6.4E-02	1.0E-01	6.4E-01	7.4E-02	6.5E-01	7.8E-02	1.1E+00	6.4E-01	2.6E-01	4.7E-01	5.9E-01	1.5E-02	1.4E-03	9.1E-02	8.8E-03	5.3E-02	3.0E-01	3.6E-01	3.3E-02	4.5E-01	1.6E-02	1.5E-03	1.9E-02	1.8E-03	2.2E-02	2.1E-03	6.5E-02	6.1E-03	5.3E-02	1.5E-02	2.0E-02	2.3E-01	2.2E-02										
84	KT-A8i	60	8.8E-02	1.2E-02	1.9E-01	4.9E-02	7.8E-02	5.1E-01	6.1E-02	5.1E-01	6.4E-02	8.9E-01	5.1E-01	2.1E-01	3.8E-01	4.7E-01	1.3E-02	1.2E-03	8.1E-02	7.6E-03	4.7E-02	2.7E-01	3.2E-01	2.9E-02	4.0E-01	1.4E-02	1.3E-03	1.7E-02	1.6E-03	1.9E-02	1.8E-03	5.8E-02	5.4E-03	4.7E-02	1.3E-02	1.8E-02	2.1E-01	1.9E-02										
85	KT-A8j	70	7.1E-02	8.8E-03	1.5E-01	4.1E-02	6.5E-02	4.2E-01	5.1E-02	4.2E-01	5.2E-02	7.7E-01	4.1E-01	1.7E-01	3.1E-01	3.9E-01	1.2E-02	1.1E-03	7.2E-02	6.7E-03	4.2E-02	2.4E-01	2.8E-01	2.6E-02	3.6E-01	1.3E-02	1.2E-03	1.5E-02	1.4E-03	1.7E-02	1.6E-03	5.2E-02	4.8E-03	4.2E-02	1.2E-02	1.6E-02	1.8E-01	1.7E-02										
86	KT-A8k	80	6.1E-02	6.7E-03	1.4E-01	3.6E-02	5.7E-02	3.8E-01	4.2E-02	3.8E-01	4.2E-02	7.1E-01	3.8E-01	1.5E-01	2.8E-01	3.5E-01	1.1E-02	9.6E-04	6.6E-02	5.9E-03	3.8E-02	2.2E-01	2.6E-01	2.3E-02	3.3E-01	1.2E-02	1.0E-03	1.4E-02	1.2E-03	1.6E-02	1.4E-03	4.7E-02	4.2E-03	3.8E-02	1.1E-02	1.5E-02	1.7E-01	1.5E-02										
87	KT-A8l	90	5.5E-02	5.4E-03	1.3E-01	3.3E-02	5.2E-02	3.6E-01	3.7E-02	3.6E-01	3.6E-02	6.7E-01	3.5E-01	1.4E-01	2.6E-01	3.3E-01	1.0E-02	8.5E-04	6.2E-02	5.3E-03	3.6E-02	2.1E-01	2.4E-01	2.1E-02	3.1E-01	1.1E-02	9.2E-04	1.3E-02	1.1E-03	1.5E-02	1.3E-03	4.4E-02	3.8E-03	3.6E-02	9.9E-03	1.4E-02	1.6E-01	1.3E-02										
88	KT-A8m	100	5.3E-02	5.1E-03	1.3E-01	3.2E-02	5.0E-02	3.5E-01	3.6E-02	3.5E-01	3.4E-02	6.6E-01	3.5E-01	1.4E-01	2.5E-01	3.2E-01	9.9E-03	8.2E-04	6.1E-02	5.1E-03	3.5E-02	2.0E-01	2.4E-01	2.0E-02	3.0E-01	1.1E-02	8.9E-04	1.3E-02	1.0E-03	1.4E-02	1.2E-03	4.3E-02	3.6E-03	3.5E-02	9.7E-03	1.3E-02	1.5E-01	1.3E-02										
89	KT-A9a	4	1.4E+00	2.1E-01	2.7E+00	7.0E-01	1.4E+00	7.5E+00	7.8E-01	9.2E+00	9.0E-01	1.1E+01	8.5E+00	3.3E+00	5.6E+00	7.4E+00	9.9E-02	8.0E-03	6.1E-01	5.1E-02	3.5E-01	2.0E+00	2.4E+00	1.9E-01	3.0E+00	1.1E-01	8.6E-03	1.3E-01	1.0E-02	1.5E-01	1.2E-02	4.4E-01	3.5E-02	3.5E-01	9.7E-02	1.4E-01	1.5E+00	1.2E-01										
90	KT-A9b	8	1.1E+00	1.3E-01	2.1E+00	5.3E-01	1.1E+00	5.8E+00	6.0E-01	6.9E+00	6.8E-01	8.7E+00	6.5E+00	2.5E+00	4.3E+00	5.6E+00	9.4E-02	7.0E-03	5.7E-01	4.5E-02	3.3E-01	1.9E+00	2.3E+00	1.7E-01	2.8E+00	1.0E-01	7.5E-03	1.2E-01	8.9E-03	1.4E-01	1.0E-02	4.1E-01	3.1E-02	3.3E-01	9.2E-02	1.3E-01	1.5E+00	1.1E-01										
91	KT-P1a	4	7.8E-01	9.2E-02	2.3E+00	5.9E-01	7.1E-01	6.4E+00	6.2E-01	5.4E+00	5.4E-01	1.2E+01	5.7E+00	2.3E+00	4.5E+00	5.5E+00	2.9E-01	2.7E-02	1.8E+00	1.6E-01	1.0E+00	5.9E+00	7.0E+00	6.4E-01	8.8E+00	3.1E-01	2.9E-02	3.7E-01	3.4E-02	4.3E-01	3.9E-02	1.3E+00	1.2E-01	1.0E+00	2.8E-01	4.0E-01	4.5E+00	4.2E-01										
92	KT-P1b	8	7.1E-01	7.9E-02	2.1E+00	5.3E-01	6.4E-01	5.8E+00	5.7E-01	4.9E+00	5.0E-01	1.1E+01	5.2E+00	2.1E+00	4.1E+00	5.0E+00	2.3E-01	2.0E-02	1.4E+00	1.2E-01	8.0E-01	4.6E+00	5.4E+00	4.7E-01	6.8E+00	2.4E-01	2.1E-02	2.9E-01	2.5E-02	3.3E-01	2.9E-02	9.9E-01	8.6E-02	8.0E-01	2.2E-01	3.1E-01	3.5E+00	3.1E-01										
93	KT-P1c	12	6.3E-01	6.8E-02	1.9E+00	4.7E-01	5.7E-01	5.1E+00	5.0E-01	4.3E+00	4.4E-01	9.8E+00	4.6E+00	1.8E+00	3.6E+00	4.5E+00	1.6E-01	1.5E-02	1.0E+00	9.1E-02	5.8E-01	3.3E+00	3.9E+00	3.6E-01	5.0E+00	1.8E-01	1.6E-02	2.1E-01	1.9E-02	2.4E-01	2.2E-02	7.2E-01	6.5E-02	5.8E-01	1.6E-01	2.2E-01	2.6E+00	2.3E-01										
94	KT-P1d	16	5.4E-01	5.8E-02	1.6E+00	4.0E-01	4.9E-01	4.4E+00	4.3E-01	3.7E+00	3.8E-01	8.4E+00	3.9E+00	1.6E+00	3.1E+00	3.8E+00	1.1E-01	1.1E-02	7.0E-01	6.7E-02	4.1E-01	2.3E+00	2.7E+00	2.6E-01	3.5E+00	1.2E-01	1.2E-02	1.5E-01	1.4E-02	1.7E-01	1.6E-02	5.0E-01	4.8E-02	4.0E-01	1.1E-01	1.6E-01	1.8E+00	1.7E-01										
95	KT-P1e	20	4.5E-01	4.9E-02	1.3E+00	3.3E-01	4.0E-01	3.6E+00	3.6E-01	3.1E+00	3.1E-01	7.0E+00	3.3E+00	1.3E+00	2.6E+00	3.2E+00	8.0E-02	8.0E-03	4.9E-01	4.9E-02	2.9E-01	1.6E+00	1.9E+00	1.9E-01	2.4E+00	8.7E-02	8.6E-03	1.0E-01	1.0E-02	1.2E-01	1.2E-02	3.5E-01	3.5E-02	2.8E-01	7.9E-02	1.1E-01	1.3E+00	1.2E-01										
96	KT-P1f	30	2.5E-01	2.9E-02	7.4E-01	1.9E-01	2.3E-01	2.0E+00	2.0E-01	1.7E+00	1.8E-01	3.9E+00	1.8E+00	7.2E-01	1.4E+00	1.8E+00	3.4E-02	3.4E-03	2.1E-01	2.1E-02	1.2E-01	6.9E-01	8.2E-01	8.2E-02	1.0E+00	3.7E-02	3.7E-03	4.3E-02	4.3E-03	5.0E-02	5.0E-03	1.5E-01	1.5E-02	1.2E-01	3.3E-02	4.6E-02	5.3E-01	5.3E-02										
97	KT-P1g	40	2.0E-01	1.8E-02	3.5E-01	9.1E-02	1.7E-01	9.7E-01	9.9E-02	8.3E-01	8.9E-02	1.9E+00	8.7E-01	3.5E-01	6.9E-01	8.5E-01	1.3E-02	1.3E-03	8.0E-02	7.9E-03	4.6E-02	2.6E-01	3.1E-01	3.1E-02	3.9E-01	1.4E-02	1.4E-03	1.7E-02	1.6E-03	1.9E-02	1.9E-03	5.7E-02	5.7E-03	4.6E-02	1.3E-02	1.8E-02	2.0E-01	2.0E-02										
98																																																

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)		4.8E-03	4.4E-04	8.0E-03	5.9E-03	2.6E-03	4.3E-03	7.7E-03	3.1E-06	1.6E-05	1.7E-05	9.4E-05	4.1E-05	4.0E-05	1.2E-06	1.7E-06	2.4E-06	6.5E-06	8.4E-06	3.5E-06	4.1E-06	2.2E-05	1.9E-05	4.2E-05	1.9E-05	1.0E-05	1.7E-05	2.0E-05	2.2E-06	4.7E-05	3.6E-05	1.5E-04	8.5E-05	7.1E-05	1.9E-06	2.2E-06	2.8E-06	7.7E-06	1.5E-05	3.4E-06			
		Hourly and Daily Average										Annual Average																															
		Reprovisioning Option C										Reprovisioning Option A (External ASR Only)																															
ASR		Part 2										Part 1										Part 2																					
No.	Name	Height	Benzo(a)anthracene	Benzo(b)anthracene	Benzo(k)fluoranthene	Benzo(e)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene		
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)		Hourly	Daily	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
74	KT-A7d	16	7.7E-01	7.7E-02	1.3E+00	9.5E-01	4.1E-01	6.8E-01	1.2E+00	5.7E-04	3.6E-03	3.1E-03	1.8E-02	1.4E-02	1.3E-02	2.6E-04	3.3E-04	4.1E-04	1.2E-03	2.6E-03	7.9E-04	9.4E-04	7.0E-03	5.9E-03	1.3E-02	6.2E-03	2.7E-03	5.1E-03	6.2E-03	1.3E-04	2.3E-03	1.2E-03	5.2E-03	5.1E-03	4.3E-03	1.1E-04	1.3E-04	1.6E-04	4.6E-04	9.1E-04	2.0E-04		
75	KT-A7e	20	6.8E-01	7.0E-02	1.1E+00	8.3E-01	3.6E-01	5.9E-01	1.1E+00	4.7E-04	3.0E-03	2.5E-03	1.5E-02	1.2E-02	1.1E-02	2.2E-04	2.8E-04	3.4E-04	1.0E-03	2.2E-03	6.6E-04	7.9E-04	6.0E-03	5.1E-03	1.1E-02	5.3E-03	2.3E-03	4.4E-03	5.3E-03	1.0E-04	1.7E-03	8.8E-04	3.7E-03	3.8E-03	3.2E-03	8.0E-05	1.0E-04	1.2E-04	3.4E-04	6.7E-04	1.5E-04		
76	KT-A8a	4	5.8E-01	6.3E-02	9.6E-01	7.2E-01	3.1E-01	5.2E-01	9.3E-01	2.1E-03	1.0E-02	1.1E-02	4.8E-02	1.9E-02	1.9E-02	8.0E-04	1.2E-03	1.7E-03	4.5E-03	4.5E-03	2.4E-03	2.7E-03	1.1E-02	9.7E-03	2.1E-02	9.5E-03	6.2E-03	9.5E-03	1.1E-02	7.5E-04	1.7E-02	1.4E-02	5.9E-02	2.9E-02	2.4E-02	6.3E-04	7.5E-04	9.7E-04	2.6E-03	5.1E-03	1.1E-03		
77	KT-A8b	8	5.5E-01	5.9E-02	9.1E-01	6.8E-01	2.9E-01	4.9E-01	8.8E-01	1.8E-03	8.9E-03	8.9E-03	4.2E-02	1.8E-02	1.8E-02	7.0E-04	1.0E-03	1.4E-03	3.8E-03	4.1E-03	2.0E-03	2.4E-03	1.0E-02	8.8E-03	1.9E-02	8.7E-03	5.5E-03	8.6E-03	9.8E-03	6.9E-04	1.5E-02	1.2E-02	5.0E-02	2.6E-02	2.2E-02	5.8E-04	6.9E-04	8.8E-04	2.4E-03	4.7E-03	1.0E-03		
78	KT-A8c	12	5.2E-01	5.6E-02	8.6E-01	6.4E-01	2.8E-01	4.6E-01	8.3E-01	1.5E-03	7.6E-03	7.5E-03	3.7E-02	1.7E-02	1.6E-02	6.0E-04	8.5E-04	1.2E-03	3.3E-03	3.7E-03	1.8E-03	2.0E-03	9.4E-03	8.0E-03	1.8E-02	8.0E-03	4.9E-03	7.7E-03	8.9E-03	6.3E-04	1.3E-02	9.9E-03	4.2E-02	2.4E-02	2.0E-02	5.3E-04	6.2E-04	7.9E-04	2.2E-03	4.2E-03	9.4E-04		
79	KT-A8d	16	4.9E-01	5.3E-02	8.0E-01	6.0E-01	2.6E-01	4.3E-01	7.7E-01	1.3E-03	6.5E-03	6.4E-03	3.2E-02	1.5E-02	1.5E-02	5.1E-04	7.2E-04	9.7E-04	2.8E-03	3.4E-03	1.5E-03	1.8E-03	8.5E-03	7.3E-03	1.6E-02	7.3E-03	4.3E-03	6.9E-03	8.0E-03	5.6E-04	1.1E-02	8.4E-03	3.5E-02	2.1E-02	1.8E-02	4.7E-04	5.6E-04	7.0E-04	1.9E-03	3.8E-03	8.4E-04		
80	KT-A8e	20	4.5E-01	4.9E-02	7.5E-01	5.6E-01	2.4E-01	4.0E-01	7.2E-01	1.1E-03	5.6E-03	5.4E-03	2.8E-02	1.4E-02	1.4E-02	4.4E-04	6.1E-04	8.1E-04	2.3E-03	3.0E-03	1.3E-03	1.5E-03	7.8E-03	6.6E-03	1.5E-02	6.7E-03	3.7E-03	6.2E-03	7.2E-03	5.0E-04	9.9E-03	7.1E-03	3.0E-02	1.9E-02	1.6E-02	4.2E-04	5.0E-04	6.2E-04	1.7E-03	3.4E-03	7.5E-04		
81	KT-A8f	30	3.6E-01	4.0E-02	6.0E-01	4.4E-01	1.9E-01	3.2E-01	5.7E-01	7.1E-04	3.9E-03	3.6E-03	2.0E-02	1.1E-02	1.1E-02	3.0E-04	4.0E-04	5.2E-04	1.5E-03	2.3E-03	8.8E-04	1.0E-03	6.1E-03	5.2E-03	1.1E-02	5.3E-03	2.7E-03	4.7E-03	5.6E-03	3.6E-04	6.9E-03	4.6E-03	1.9E-02	1.4E-02	1.2E-02	3.1E-04	3.6E-04	4.4E-04	1.2E-03	2.5E-03	5.4E-04		
82	KT-A8g	40	2.8E-01	3.1E-02	4.6E-01	3.4E-01	1.5E-01	2.4E-01	4.4E-01	4.7E-04	2.8E-03	2.5E-03	1.5E-02	9.0E-03	8.7E-03	2.1E-04	2.7E-04	3.4E-04	1.0E-03	1.8E-03	6.1E-04	7.3E-04	4.8E-03	4.0E-03	9.0E-03	4.2E-03	2.0E-03	3.6E-03	4.3E-03	2.5E-04	4.7E-03	3.0E-03	1.2E-02	9.7E-03	8.1E-03	2.1E-04	2.5E-04	3.0E-04	8.7E-04	1.7E-03	3.8E-04		
83	KT-A8h	50	2.5E-01	2.3E-02	4.1E-01	3.0E-01	1.3E-01	2.2E-01	3.9E-01	3.2E-04	2.0E-03	1.8E-03	1.1E-02	7.1E-03	6.8E-03	1.4E-04	1.9E-04	2.3E-04	6.8E-04	1.4E-03	4.3E-04	5.2E-04	3.7E-03	3.1E-03	7.0E-03	3.3E-03	1.5E-03	2.7E-03	3.3E-03	1.7E-04	3.1E-03	1.9E-03	7.8E-03	6.6E-03	5.5E-03	1.5E-04	1.7E-04	2.1E-04	6.0E-04	1.2E-03	2.6E-04		
84	KT-A8i	60	2.2E-01	2.0E-02	3.6E-01	2.7E-01	1.2E-01	1.9E-01	3.5E-01	2.2E-04	1.5E-03	1.3E-03	7.8E-03	5.5E-03	5.3E-03	1.0E-04	1.3E-04	1.6E-04	4.7E-04	1.1E-03	3.1E-04	3.8E-04	2.9E-03	2.4E-03	5.5E-03	2.5E-03	1.1E-03	2.1E-03	2.5E-03	1.2E-04	2.0E-03	1.2E-03	4.9E-03	4.5E-03	3.7E-03	1.0E-04	1.2E-04	1.4E-04	4.0E-04	7.9E-04	1.8E-04		
85	KT-A8j	70	2.0E-01	1.8E-02	3.2E-01	2.4E-01	1.0E-01	1.7E-01	3.1E-01	1.6E-04	1.1E-03	9.2E-04	5.7E-03	4.3E-03	4.2E-03	8.0E-05	9.0E-05	1.2E-04	3.4E-04	8.2E-04	2.3E-04	2.8E-04	2.2E-03	1.9E-03	4.2E-03	2.0E-03	8.4E-04	1.6E-03	2.0E-03	8.0E-05	1.3E-03	7.2E-04	3.0E-03	3.0E-03	2.5E-03	7.0E-05	8.0E-05	9.0E-05	2.7E-04	5.4E-04	1.2E-04		
86	KT-A8k	80	1.8E-01	1.6E-02	2.9E-01	2.2E-01	9.5E-02	1.6E-01	2.8E-01	1.2E-04	8.2E-04	6.6E-04	4.1E-03	3.4E-03	3.3E-03	6.0E-05	7.0E-05	8.0E-05	2.5E-04	6.4E-04	1.7E-04	2.1E-04	1.7E-03	1.5E-03	3.3E-03	1.6E-03	6.4E-04	1.3E-03	1.5E-03	5.0E-05	8.8E-04	4.6E-04	1.9E-03	2.0E-03	1.7E-03	5.0E-05	5.0E-05	6.0E-05	1.8E-04	3.6E-04	8.0E-05		
87	KT-A8l	90	1.7E-01	1.4E-02	2.8E-01	2.1E-01	8.9E-02	1.5E-01	2.7E-01	9.0E-05	6.2E-04	4.9E-04	3.1E-03	2.7E-03	2.6E-03	4.0E-05	5.0E-05	6.0E-05	1.9E-04	5.0E-04	1.3E-04	1.6E-04	1.4E-03	1.2E-03	2.6E-03	1.2E-03	5.0E-04	9.8E-04	1.2E-03	4.0E-05	6.0E-04	3.0E-04	1.3E-03	1.4E-03	1.2E-03	3.0E-05	4.0E-05	4.0E-05	1.3E-04	2.5E-04	6.0E-05		
88	KT-A8m	100	1.6E-01	1.4E-02	2.7E-01	2.0E-01	8.7E-02	1.4E-01	2.6E-01	7.0E-05	4.9E-04	3.8E-04	2.4E-03	2.2E-03	2.1E-03	4.0E-05	4.0E-05	5.0E-05	1.5E-04	4.1E-04	1.1E-04	1.3E-04	1.1E-03	9.4E-04	2.1E-03	1.0E-03	4.0E-04	7.9E-04	9.7E-04	3.0E-05	4.2E-04	2.1E-04	8.8E-04	1.0E-03	8.4E-04	2.0E-05	3.0E-05	3.0E-05	9.0E-05	1.8E-04	4.0E-05		
89	KT-A9a	4	1.6E+00	1.3E-01	2.7E+00	2.0E+00	8.7E-01	1.5E+00	2.8E+00	3.1E-03	1.6E-02	1.7E-02	8.2E-02	3.3E-02	3.2E-02	1.2E-03	1.7E-03	2.4E-03	6.5E-03	7.3E-03	3.5E-03	4.1E-03	1.8E-02	1.6E-02	3.5E-02	1.6E-02	9.6E-03	1.5E-02	1.8E-02	1.8E-03	4.1E-02	3.5E-02	1.5E-01	6.8E-02	5.7E-02	1.5E-03	1.8E-03	2.3E-03	6.1E-03	1.2E-02	2.7E-03		
90	KT-A9b	8	1.6E+00	1.2E-01	2.6E+00	1.9E+00	8.2E-01	1.4E+00	2.5E+00	2.2E-03	1.3E-02	1.3E-02	6.9E-02	2.9E-02	2.8E-02	8.7E-04	1.2E-03	1.6E-03	4.6E-03	6.2E-03	2.6E-03	3.0E-03	1.6E-02	1.4E-02	3.0E-02	1.4E-02	7.6E-03	1.3E-02	1.5E-02	1.5E-03	3.3E-02	2.6E-02	1.1E-01	5.8E-02	4.8E-02	1.3E-03	1.5E-03	1.9E-03	5.2E-03	1.0E-02	2.3E-03		
91	KT-P1a	4	4.8E+00	4.4E-01	8.0E+00	5.9E+00	2.6E+00	4.3E+00	7.7E+00	8.8E-04	5.9E-03	5.7E-03	3.2E-02	1.7E-02	1.7E-02	3.9E-04	5.1E-04	6.8E-04	1.9E-03	3.4E-03	1.2E-03	1.4E-03	9.0E-03	7.7E-03	1.7E-02	7.9E-03	3.8E-03	6.8E-03	8.1E-03	4.5E-04	8.6E-03	6.0E-03	2.5E-02	1.7E-02	1.4E-02	3.7E-04	4.4E-04	5.4E-04	1.5E-03	3.0E-03	6.7E-04		
92	KT-P1b	8	3.7E+00	3.3E-01	6.2E+00	4.6E+00	2.0E+00	3.3E+00	5.9E+00	8.4E-04	5.1E-03	4.7E-03	2.6E-02	1.6E-02	1.5E-02	3.7E-04	4.8E-04	6.3E-04	1.8E-03	3.2E-03	1.1E-03	1.3E-03	8.5E-03	7.2E-03	1.6E-02	7.4E-03	3.5E-03	6.4E-03	7.6E-03	4.3E-04	8.0E-03	5.3E-03	2.2E-02	1.6E-02	1.4E-02	3.6E-04	4.2E-04	5.2E-04	1.5E-03	2.9E-03	6.4E-04		
93	KT-P1c	12	2.7E+00	2.5E-01	4.5E+00	3.3E+00	1.4E+00	2.4E+00	4.3E+00	7.9E-04	4.4E-03	3.8E-03	2.0E-02	1.5E-02	1.4E-02	3.4E-04	4.5E-04	5.8E-04	1.7E-03	2.9E-03	1.0E-03	1.2E-03	7.8E-03	6.6E-03	1.5E-02	6.8E-03	3.3E-03	5.9E-03	7.0E-03	4.0E-04	7.4E-03	4.6E-03	2.0E-02	1.5E-02	1.3E-02	3.4E-04	4.0E-04	4.8E-04	1.4E-03	2.7E-03	6.0E-04		
94	KT-P1d	16	1.9E+00	1.8E-01	3.1E+00	2.3E+00	1.0E+00	1.7E+00	3.0E+00	7.3E-04	3.8E-03	3.1E-03	1.6E-02	1.3E-02	1.3E-02	3.2E-04	4.2E-04	5.3E-04	1.6E-03	2.7E-03	9.4E-04	1.1E-03	7.0E-03	6.0E-03	1.3E-02	6.1E-03	3.0E-03	5.3E-03	6.3E-03	3.8E-04	6.7E-03	4.0E-03	1.7E-02	1.4E-02	1.2E-02	3.2E-04	3.7E-04	4.5E-04	1.3E-03	2.5E-03	5.6E-04		
95	KT-P1e	20	1.3E+00	1.3E-01	2.2E+00	1.6E+00	7.1E-01	1.2E+00	2.1E+00	6.7E-04	3.2E-03	2.5E-03	1.3E-02	1.2E-02	1.1E-02	2.9E-04	3.9E-04	4.8E-04	1.4E-03	2.4E-03	8.6E-04	1.0E-03	6.2E-03	5.3E-03	1.2E-02	5.5E-03	2.7E-03	4.8E-03	5.6E-03	3.5E-04	6.0E-03	3.4E-03	1.4E-02	1.3E-02	1.1E-02</								

Appendix 3.12 Hydrocarbon Results

No.	Name	Height	Annual Average																																									
			Reprovisioning Option A (External ASR Only)																																									
			Part 2														Part 3										Part 4																	
Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene					
Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
1	KT-A1a	4	2.9E-03	1.5E-02	1.9E-02	2.0E-02	1.8E-02	6.5E-03	1.1E-02	1.5E-02	6.0E-04	1.4E-03	1.2E-03	2.2E-03	1.5E-03	1.6E-03	2.1E-04	3.2E-04	4.1E-04	1.3E-03	6.2E-04	6.0E-04	6.7E-04	1.2E-03	1.1E-03	2.2E-03	9.1E-04	1.3E-03	1.5E-03	1.5E-03	5.6E-04	3.8E-03	2.4E-03	1.4E-02	1.3E-02	1.7E-02	6.0E-04	7.1E-04	8.5E-04	2.5E-03	2.0E-03	1.4E-03	3.7E-04	
2	KT-A1b	8	2.7E-03	1.3E-02	1.8E-02	1.9E-02	1.6E-02	6.0E-03	1.0E-02	1.4E-02	5.8E-04	1.3E-03	1.1E-03	2.0E-03	1.5E-03	1.5E-03	2.0E-04	3.1E-04	3.9E-04	1.2E-03	6.0E-04	5.7E-04	6.5E-04	1.2E-03	1.1E-03	2.1E-03	2.1E-03	2.0E-03	1.4E-03	1.4E-03	3.8E-04	2.6E-03	1.6E-03	9.1E-03	1.2E-02	4.1E-04	4.9E-04	3.8E-04	1.2E-02	4.1E-04	3.9E-04	1.7E-03	9.3E-04	2.6E-04
3	KT-A1c	12	2.5E-03	1.2E-02	1.6E-02	1.7E-02	1.5E-02	5.5E-03	9.1E-03	1.2E-02	5.5E-04	1.2E-03	9.7E-04	1.9E-03	1.4E-03	1.4E-03	1.9E-04	3.0E-04	3.7E-04	1.2E-03	5.7E-04	5.5E-04	6.2E-04	1.1E-03	1.0E-03	2.1E-03	2.0E-03	8.3E-04	1.2E-03	1.3E-03	1.4E-03	2.6E-04	1.7E-03	1.1E-03	6.1E-03	6.3E-03	7.9E-03	2.8E-04	2.3E-04	2.7E-04	4.1E-04	6.5E-04	1.8E-04	
4	KT-A1d	16	2.2E-03	1.1E-02	1.4E-02	1.5E-02	1.3E-02	4.9E-03	8.1E-03	1.1E-02	5.2E-04	1.1E-03	8.9E-04	1.7E-03	1.3E-03	1.4E-03	1.8E-04	2.8E-04	3.5E-04	1.1E-03	5.4E-04	5.2E-04	5.8E-04	1.1E-03	9.7E-04	1.9E-03	7.9E-04	1.1E-03	1.3E-03	1.3E-03	1.8E-04	1.2E-03	7.2E-04	4.1E-03	4.4E-03	5.5E-03	2.0E-04	2.3E-04	2.7E-04	8.0E-04	6.5E-04	1.8E-04		
5	KT-A1e	20	2.0E-03	9.7E-03	1.3E-02	1.3E-02	1.2E-02	4.3E-03	7.2E-03	9.8E-03	4.9E-04	1.0E-03	8.1E-04	1.5E-03	1.2E-03	1.3E-03	1.7E-04	2.6E-04	3.2E-04	1.0E-03	5.1E-04	4.9E-04	5.5E-04	1.0E-03	9.1E-04	1.8E-03	7.4E-04	1.0E-03	1.2E-03	1.2E-03	1.3E-04	8.2E-04	5.0E-04	2.8E-03	3.1E-03	3.9E-03	1.4E-04	1.6E-04	1.9E-04	5.6E-04	4.5E-04	1.2E-04		
6	KT-A1f	30	1.4E-03	7.0E-03	9.1E-03	9.6E-03	8.3E-03	3.1E-03	5.2E-03	7.0E-03	4.1E-04	8.1E-04	6.3E-04	1.2E-03	1.0E-03	1.1E-03	1.4E-04	2.2E-04	2.7E-04	8.8E-04	4.2E-04	4.1E-04	4.6E-04	8.5E-04	7.6E-04	1.5E-03	6.2E-04	8.6E-04	1.0E-03	1.0E-03	5.0E-05	3.3E-04	2.0E-04	1.1E-03	1.3E-03	1.6E-03	6.0E-05	7.0E-05	8.0E-05	2.3E-04	1.9E-04	5.0E-05		
7	KT-A1g	40	9.6E-04	4.8E-03	6.3E-03	6.6E-03	5.7E-03	2.1E-03	3.6E-03	4.8E-03	3.4E-04	6.4E-04	4.9E-04	9.4E-04	8.4E-04	8.7E-04	1.2E-04	1.8E-04	2.2E-04	7.1E-04	3.5E-04	3.3E-04	3.8E-04	6.9E-04	6.2E-04	1.2E-03	5.1E-04	7.0E-04	8.2E-04	8.3E-04	2.0E-05	1.4E-04	8.0E-05	4.6E-04	5.3E-04	6.6E-04	2.0E-05	3.0E-05	3.0E-05	1.0E-04	8.0E-05	2.0E-05		
8	KT-A1h	50	6.4E-04	3.2E-03	4.2E-03	4.4E-03	3.8E-03	1.4E-03	2.4E-03	3.2E-03	2.7E-04	5.0E-04	3.8E-04	7.3E-04	6.7E-04	7.0E-04	9.0E-05	1.4E-04	1.7E-04	5.7E-04	2.8E-04	2.7E-04	3.0E-04	5.5E-04	5.0E-04	1.0E-03	9.1E-04	1.8E-03	7.4E-04	1.0E-03	1.2E-03	1.2E-03	1.3E-04	8.2E-04	5.0E-04	2.8E-03	3.1E-03	3.9E-03	1.4E-04	1.6E-04	1.9E-04	6.5E-04	4.5E-04	1.2E-04
9	KT-A1i	60	4.1E-04	2.1E-03	2.7E-03	2.9E-03	2.5E-03	9.2E-04	1.5E-03	2.1E-03	2.1E-04	3.8E-04	2.9E-04	5.6E-04	5.3E-04	5.5E-04	7.0E-05	1.1E-04	1.3E-04	4.5E-04	2.2E-04	2.1E-04	2.4E-04	4.3E-04	3.9E-04	7.6E-04	3.2E-04	4.4E-04	5.1E-04	5.2E-04	0.0E+00	2.0E-05	1.0E-05	7.0E-05	9.0E-05	1.1E-04	0.0E+00	0.0E+00	1.0E-05	2.0E-05	1.0E-05	0.0E+00		
10	KT-A1j	70	2.6E-04	1.3E-03	1.7E-03	1.8E-03	1.6E-03	5.9E-04	9.7E-04	1.3E-03	1.6E-04	2.9E-04	2.2E-04	4.2E-04	4.1E-04	4.3E-04	6.0E-05	9.0E-05	1.0E-04	3.5E-04	1.7E-04	1.6E-04	1.8E-04	3.4E-04	3.0E-04	5.9E-04	2.5E-04	3.4E-04	4.0E-04	4.1E-04	0.0E+00	1.0E-05	0.0E+00	3.0E-05	3.0E-05	4.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
11	KT-A1k	80	1.6E-04	8.2E-04	1.1E-03	1.1E-03	9.8E-04	3.7E-04	6.1E-04	8.2E-04	3.3E-04	2.3E-04	1.7E-04	3.2E-04	3.2E-04	3.3E-04	4.0E-05	7.0E-05	8.0E-05	2.7E-04	1.3E-04	1.3E-04	1.4E-04	2.6E-04	2.4E-04	4.6E-04	1.9E-04	2.7E-04	3.1E-04	3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	2.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
12	KT-A1l	90	1.0E-04	5.1E-04	6.7E-04	7.0E-04	6.1E-04	2.3E-04	3.8E-04	5.1E-04	1.0E-04	1.7E-04	1.3E-04	2.5E-04	2.5E-04	2.6E-04	3.0E-05	5.0E-05	6.0E-05	2.1E-04	1.0E-04	1.0E-04	1.1E-04	2.0E-04	1.8E-04	3.6E-04	1.5E-04	2.1E-04	2.4E-04	2.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
13	KT-A1m	100	7.0E-05	3.3E-04	4.3E-04	4.5E-04	3.9E-04	1.5E-04	2.4E-04	3.3E-04	1.0E-04	1.0E-04	2.0E-04	2.0E-04	2.1E-04	3.0E-05	4.0E-05	5.0E-05	1.7E-04	8.0E-05	8.0E-05	9.0E-05	1.6E-04	1.5E-04	2.2E-04	1.2E-04	1.7E-04	1.9E-04	2.0E-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	0.0E+00			
14	KT-A2a	4	2.7E-03	1.3E-02	1.7E-02	1.8E-02	1.6E-02	6.0E-03	9.9E-03	1.3E-02	6.2E-04	1.4E-03	1.1E-03	2.1E-03	1.5E-03	1.6E-03	2.1E-04	3.3E-04	4.2E-04	1.3E-03	6.3E-04	6.1E-04	6.9E-04	1.3E-03	1.1E-03	2.2E-03	9.3E-04	1.3E-03	1.5E-03	1.5E-03	5.7E-03	7.2E-03	2.6E-04	3.0E-04	3.7E-04	1.1E-03	8.4E-04	2.3E-04						
15	KT-A2b	8	2.4E-03	1.2E-02	1.6E-02	1.7E-02	1.4E-02	5.4E-03	8.9E-03	1.2E-02	5.8E-04	1.3E-03	1.0E-03	1.9E-03	1.5E-03	1.5E-03	2.0E-04	3.1E-04	3.9E-04	1.2E-03	6.0E-04	5.8E-04	6.5E-04	1.2E-03	1.1E-03	2.1E-03	2.1E-03	2.1E-03	1.4E-03	1.4E-03	1.8E-04	1.2E-03	7.9E-04	4.5E-03	4.3E-03	5.4E-03	1.9E-04	2.7E-04	7.8E-04	6.3E-04	1.7E-04			
16	KT-A2c	12	2.1E-03	1.1E-02	1.4E-02	1.5E-02	1.3E-02	4.8E-03	7.9E-03	1.1E-02	5.5E-04	1.1E-03	9.2E-04	1.8E-03	1.4E-03	1.4E-03	1.9E-04	2.9E-04	3.6E-04	1.2E-03	6.0E-04	5.4E-04	6.1E-04	1.1E-03	1.0E-03	2.0E-03	8.3E-04	1.2E-03	1.3E-03	1.3E-03	1.3E-04	8.9E-04	5.6E-04	3.2E-03	3.2E-03	4.0E-03	1.4E-04	1.7E-04	2.0E-04	5.8E-04	4.6E-04	1.3E-04		
17	KT-A2d	16	1.9E-03	9.4E-03	1.2E-02	1.3E-02	1.1E-02	4.2E-03	7.0E-03	9.4E-03	5.1E-04	1.1E-03	8.3E-04	1.6E-03	1.3E-03	1.3E-03	1.8E-04	2.8E-04	3.4E-04	1.1E-03	5.3E-04	5.1E-04	5.7E-04	1.1E-03	9.5E-04	1.9E-03	7.7E-04	1.1E-03	1.3E-03	1.3E-03	1.0E-04	6.5E-04	4.0E-04	2.3E-03	2.3E-03	2.9E-03	1.0E-04	1.2E-04	1.5E-04	4.2E-04	3.4E-04	9.0E-05		
18	KT-A2e	20	1.7E-03	8.2E-03	1.1E-02	1.1E-02	9.8E-03	3.7E-03	6.1E-03	8.3E-03	4.8E-04	9.6E-04	7.6E-04	1.4E-03	1.2E-03	1.2E-03	1.6E-04	2.6E-04	3.1E-04	1.0E-03	4.9E-04	4.7E-04	5.3E-04	9.8E-04	8.8E-04	1.7E-03	7.2E-04	1.0E-03	1.2E-03	1.2E-03	7.0E-05	4.7E-04	2.9E-04	1.7E-03	1.7E-03	2.1E-03	8.0E-05	9.0E-05	1.1E-04	3.1E-04	2.5E-04	7.0E-05		
19	KT-A2f	30	1.2E-03	5.7E-03	7.5E-03	7.9E-03	6.9E-03	2.6E-03	4.3E-03	5.8E-03	3.9E-04	7.6E-04	5.9E-04	1.1E-03	9E-04	1.0E-03	1.3E-04	2.1E-04	2.5E-04	8.3E-04	4.0E-04	3.9E-04	4.4E-04	8.0E-04	7.2E-04	1.4E-03	5.9E-04	8.2E-04	9.5E-04	9.7E-04	3.0E-05	2.1E-04	1.3E-04	7.2E-04	7.8E-04	4.0E-05	4.0E-05	5.0E-05	1.4E-04	1.2E-04	3.2E-04			
20	KT-A2g	40	7.8E-04	3.9E-03	5.1E-03	5.4E-03	4.7E-03	1.7E-03	2.9E-03	3.9E-03	3.1E-04	5.9E-04	4.6E-04	8.7E-04	7.8E-04	8.1E-04	1.1E-04	1.7E-04	2.0E-04	6.7E-04	3.2E-04	3.1E-04	3.5E-04	6.4E-04	5.8E-04	1.1E-03	4.7E-04	6.5E-04	7.6E-04	7.7E-04	1.0E-05	9.0E-05	6.0E-05	3.2E-04	3.6E-04	4.5E-04	2.0E-05	2.0E-05	2.0E-05	6.0E-05	5.0E-05	1.0E-05		
21	KT-A2h	50	5.2E-04	2.6E-03	3.4E-03	3.6E-03	3.1E-03	1.2E-03	1.9E-03	2.6E-03	2.5E-04	4.6E-04	3.5E-04	6.7E-04	6.2E-04	6.4E-04	8.0E-05	1.3E-04	1.6E-04	5.3E-04	2.5E-04	2.4E-04	2.8E-04	5.1E-04	4.6E-04	8.9E-04	3.7E-04	5.2																

Appendix 3.12 Hydrocarbon Results

No.	Name	Height	Annual Average																																										
			Reprovisioning Option A (External ASR Only)																																										
			Part 2														Part 3										Part 4																		
Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene						
Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
74	KT-A7d	16	5.1E-04	2.6E-03	3.4E-03	3.5E-03	3.1E-03	1.1E-03	1.9E-03	2.6E-03	1.8E-04	3.4E-04	2.7E-04	5.1E-04	4.6E-04	4.7E-04	6.0E-05	1.0E-04	1.2E-04	3.9E-04	1.9E-04	1.8E-04	2.0E-04	3.8E-04	3.4E-04	6.6E-04	2.8E-04	3.8E-04	4.5E-04	4.5E-04	1.1E-04	9.4E-04	6.7E-04	3.8E-03	2.7E-03	3.4E-03	1.2E-04	1.4E-04	1.8E-04	5.0E-04	4.0E-04	1.1E-04			
75	KT-A7e	20	3.8E-04	1.9E-03	2.5E-03	2.6E-03	2.3E-03	8.4E-04	1.4E-03	1.9E-03	1.4E-04	2.6E-04	2.0E-04	3.8E-04	3.5E-04	3.6E-04	5.0E-05	8.0E-05	9.0E-05	3.0E-04	1.4E-04	1.4E-04	1.6E-04	2.9E-04	2.6E-04	5.1E-04	2.1E-04	2.9E-04	3.4E-04	3.5E-04	9.0E-05	7.4E-04	5.2E-04	3.0E-03	2.2E-03	2.8E-03	1.0E-04	1.2E-04	1.5E-04	4.0E-04	3.3E-04	9.0E-05			
76	KT-A8a	4	2.9E-03	1.4E-02	1.9E-02	2.0E-02	1.7E-02	6.4E-03	1.1E-02	1.4E-02	1.7E-03	4.8E-03	4.3E-03	8.1E-03	4.1E-03	4.3E-03	5.7E-04	8.9E-04	1.2E-03	3.5E-03	1.7E-03	1.6E-03	1.9E-03	3.4E-03	3.1E-03	6.0E-03	2.5E-03	3.5E-03	4.0E-03	4.1E-03	1.5E-04	1.8E-03	1.5E-03	8.4E-03	3.6E-03	4.6E-03	1.6E-04	1.9E-04	2.8E-04	6.7E-04	5.4E-04	1.5E-04			
77	KT-A8b	8	2.6E-03	1.3E-02	1.7E-02	1.8E-02	1.6E-02	5.9E-03	9.7E-03	1.3E-02	1.4E-03	3.8E-03	3.3E-03	6.2E-03	3.4E-03	3.6E-03	4.7E-04	7.4E-04	1.0E-03	2.9E-03	1.4E-03	1.4E-03	1.5E-03	2.8E-03	2.6E-03	5.0E-03	2.1E-03	2.9E-03	3.4E-03	3.4E-03	1.4E-04	1.6E-03	1.3E-03	7.5E-03	3.5E-03	4.4E-03	1.6E-04	1.8E-04	2.7E-04	6.3E-04	5.1E-04	1.4E-04			
78	KT-A8c	12	2.4E-03	1.2E-02	1.6E-02	1.6E-02	1.4E-02	5.3E-03	8.8E-03	1.2E-02	1.1E-03	2.9E-03	2.5E-03	4.8E-03	2.8E-03	2.9E-03	3.9E-04	6.0E-04	8.1E-04	2.4E-03	1.2E-03	1.1E-03	1.3E-03	2.3E-03	2.1E-03	4.1E-03	1.7E-03	2.4E-03	2.8E-03	2.8E-03	1.4E-04	1.5E-03	1.2E-03	6.7E-03	3.3E-03	4.1E-03	1.5E-04	1.7E-04	2.5E-04	6.0E-04	4.8E-04	1.3E-04			
79	KT-A8d	16	2.1E-03	1.1E-02	1.4E-02	1.5E-02	1.3E-02	4.8E-03	7.9E-03	1.1E-02	9.1E-04	2.3E-03	1.9E-03	3.7E-03	2.3E-03	2.4E-03	3.1E-04	4.9E-04	6.4E-04	1.9E-03	9.4E-04	9.0E-04	1.0E-03	1.9E-03	1.7E-03	3.3E-03	1.4E-03	1.9E-03	2.2E-03	2.3E-03	1.3E-04	1.3E-03	1.0E-03	6.0E-03	3.1E-03	3.9E-03	1.4E-04	1.6E-04	2.3E-04	5.6E-04	4.5E-04	1.2E-04			
80	KT-A8e	20	1.9E-03	9.5E-03	1.2E-02	1.3E-02	1.1E-02	4.2E-03	7.1E-03	9.5E-03	7.3E-04	1.8E-03	1.5E-03	2.8E-03	1.8E-03	1.9E-03	2.5E-04	3.9E-04	5.1E-04	1.6E-03	7.5E-04	7.2E-04	8.2E-04	1.5E-03	1.4E-03	2.6E-03	1.1E-03	1.5E-03	1.8E-03	1.8E-03	1.2E-04	1.2E-03	9.3E-04	5.3E-03	2.9E-03	3.6E-03	1.3E-04	1.5E-04	2.1E-04	5.3E-04	4.2E-04	1.2E-04			
81	KT-A8f	30	1.4E-03	6.9E-03	9.0E-03	9.6E-03	8.2E-03	3.1E-03	5.1E-03	6.9E-03	4.1E-04	9.0E-04	7.3E-04	1.4E-03	1.0E-03	1.1E-03	1.4E-04	2.2E-04	2.7E-04	8.7E-04	4.2E-04	4.0E-04	4.6E-04	8.4E-04	7.5E-04	1.5E-03	6.2E-04	8.5E-04	1.0E-03	1.0E-03	1.0E-04	9.2E-04	6.9E-04	3.9E-03	2.4E-03	3.0E-03	1.1E-04	1.3E-04	1.7E-04	4.4E-04	3.5E-04	1.0E-04			
82	KT-A8g	40	9.7E-04	4.8E-03	6.3E-03	6.7E-03	5.8E-03	2.2E-03	3.6E-03	4.8E-03	2.2E-04	4.5E-04	3.6E-04	6.9E-04	5.6E-04	5.8E-04	8.0E-05	1.2E-04	1.5E-04	4.7E-04	2.3E-04	2.2E-04	2.5E-04	4.6E-04	4.1E-04	8.0E-04	3.4E-04	4.7E-04	5.4E-04	5.5E-04	8.0E-05	7.0E-04	5.1E-04	2.9E-03	1.9E-03	2.4E-03	9.0E-05	1.0E-04	1.3E-04	3.5E-04	2.8E-04	8.0E-05			
83	KT-A8h	50	6.6E-04	3.3E-03	4.3E-03	4.6E-03	3.9E-03	1.5E-03	2.5E-03	3.3E-03	1.2E-04	2.3E-04	1.8E-04	3.4E-04	3.0E-04	3.1E-04	4.0E-05	6.0E-05	8.0E-05	2.6E-04	1.2E-04	1.2E-04	1.3E-04	2.5E-04	2.2E-04	4.3E-04	1.8E-04	2.5E-04	2.9E-04	3.0E-04	6.0E-05	5.3E-04	3.8E-04	2.2E-03	1.5E-03	1.9E-03	7.0E-05	8.0E-05	1.0E-04	2.8E-04	2.2E-04	6.0E-05			
84	KT-A8i	60	4.5E-04	2.2E-03	2.9E-03	3.1E-03	2.7E-03	1.0E-03	1.7E-03	2.2E-03	6.0E-05	1.2E-04	9.0E-05	1.7E-04	1.6E-04	1.7E-04	2.0E-05	3.0E-05	4.0E-05	1.4E-04	7.0E-05	6.0E-05	7.0E-05	1.3E-04	1.2E-04	2.3E-04	1.0E-04	1.3E-04	1.6E-04	1.6E-04	5.0E-05	3.9E-04	2.7E-04	1.6E-03	1.2E-03	1.5E-03	5.0E-05	6.0E-05	8.0E-05	2.2E-04	1.7E-04	5.0E-05			
85	KT-A8j	70	3.0E-04	1.5E-03	2.0E-03	2.1E-03	1.8E-03	6.7E-04	1.1E-03	1.5E-03	3.0E-05	6.0E-05	5.0E-05	9.0E-05	8.0E-05	9.0E-05	1.0E-05	2.0E-05	2.0E-05	7.0E-05	3.0E-05	3.0E-05	4.0E-05	7.0E-05	6.0E-05	1.2E-04	5.0E-05	7.0E-05	8.0E-05	8.0E-05	4.0E-05	2.9E-04	2.0E-04	1.1E-03	9.1E-04	1.1E-03	4.0E-05	5.0E-05	6.0E-05	1.7E-04	1.3E-04	4.0E-05			
86	KT-A8k	80	2.0E-04	1.0E-03	1.3E-03	1.4E-03	1.2E-03	4.5E-04	7.5E-04	1.0E-03	2.0E-05	3.0E-05	2.0E-05	5.0E-05	4.0E-05	5.0E-05	1.0E-05	1.0E-05	1.0E-05	4.0E-05	2.0E-05	2.0E-05	2.0E-05	4.0E-05	3.0E-05	6.0E-05	3.0E-05	4.0E-05	4.0E-05	4.0E-05	3.0E-05	2.2E-04	1.4E-04	8.3E-04	7.0E-04	6.8E-04	3.0E-05	4.0E-05	5.0E-05	1.3E-04	1.0E-04	3.0E-05			
87	KT-A8l	90	1.4E-04	7.0E-04	9.1E-04	9.7E-04	8.3E-04	3.1E-04	5.2E-04	7.0E-04	1.0E-05	2.0E-05	1.0E-05	2.0E-05	2.0E-05	2.0E-05	0.0E+00	1.0E-05	1.0E-05	2.0E-05	1.0E-05	1.0E-05	1.0E-05	2.0E-05	2.0E-05	3.0E-05	1.0E-05	2.0E-05	2.0E-05	2.0E-05	2.0E-05	1.6E-04	1.1E-04	6.1E-04	5.4E-04	6.8E-04	2.0E-05	3.0E-05	3.0E-05	1.0E-04	8.0E-05	2.0E-05			
88	KT-A8m	100	1.0E-04	5.0E-04	6.5E-04	6.9E-04	6.0E-04	2.2E-04	3.7E-04	5.0E-04	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	0.0E+00	0.0E+00	0.0E+00	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	2.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	2.0E-05	1.3E-04	8.0E-05	4.7E-04	4.3E-04	5.4E-04	2.0E-05	2.0E-05	3.0E-05	8.0E-05	6.0E-05	2.0E-05			
89	KT-A9a	4	6.8E-03	3.4E-02	4.4E-02	4.7E-02	4.1E-02	1.5E-02	2.5E-02	3.4E-02	2.9E-03	6.2E-03	5.4E-03	1.0E-02	5.7E-03	5.9E-03	7.8E-04	1.2E-03	1.7E-03	4.8E-03	2.3E-03	2.2E-03	2.5E-03	4.7E-03	4.2E-03	8.2E-03	3.4E-03	4.7E-03	5.5E-03	5.6E-03	2.7E-04	3.9E-03	3.3E-03	1.9E-02	6.6E-03	8.3E-03	2.9E-04	3.5E-04	5.6E-04	1.2E-03	9.7E-04	2.7E-04			
90	KT-A9b	8	5.8E-03	2.9E-02	3.8E-02	4.0E-02	3.4E-02	1.3E-02	2.1E-02	2.9E-02	1.4E-03	3.4E-03	2.9E-03	5.5E-03	3.5E-03	3.6E-03	4.8E-04	7.5E-04	9.8E-04	3.0E-03	1.4E-03	1.4E-03	1.6E-03	2.9E-03	2.6E-03	5.1E-03	2.1E-03	2.9E-03	3.4E-03	3.5E-03	2.6E-04	3.4E-03	2.9E-03	1.7E-02	6.2E-03	7.8E-03	2.8E-04	3.3E-04	5.1E-04	1.1E-03	9.1E-04	2.5E-04			
91	KT-P1a	4	1.7E-03	8.5E-03	1.1E-02	1.2E-02	1.0E-02	3.8E-03	6.3E-03	8.5E-03	4.1E-04	1.1E-03	9.6E-04	1.8E-03	1.0E-03	1.1E-03	1.4E-04	2.2E-04	3.0E-04	8.7E-04	4.2E-04	4.0E-04	4.6E-04	8.4E-04	7.6E-04	1.5E-03	6.2E-04	8.5E-04	1.0E-03	1.0E-03	3.1E-04	2.5E-03	1.8E-03	1.0E-02	7.4E-03	9.3E-03	3.3E-04	3.9E-04	5.0E-04	1.4E-03	1.1E-03	3.0E-04			
92	KT-P1b	8	1.6E-03	8.1E-03	1.1E-02	1.1E-02	9.7E-03	3.6E-03	6.0E-03	8.1E-03	4.0E-04	1.1E-03	9.0E-04	1.7E-03	1.0E-03	1.0E-03	1.4E-04	2.1E-04	2.9E-04	8.5E-04	4.1E-04	3.9E-04	4.5E-04	8.2E-04	7.4E-04	1.4E-03	6.0E-04	8.3E-04	9.7E-04	9.8E-04	2.6E-04	1.9E-03	1.3E-03	7.3E-03	6.1E-03	7.7E-03	2.8E-04	3.2E-04	4.0E-04	1.1E-03	9.0E-04	2.5E-04			
93	KT-P1c	12	1.5E-03	7.6E-03	1.0E-02	1.1E-02	9.1E-03	3.4E-03	5.7E-03	7.7E-03	3.9E-04	9.7E-04	8.3E-04	1.6E-03	9.7E-04	1.0E-03	1.3E-04	2.1E-04	2.7E-04	8.2E-04	4.0E-04	3.8E-04	4.3E-04	7.9E-04	7.1E-04	1.4E-03	5.8E-04	8.1E-04	9.4E-04	9.5E-04	2.0E-04	1.4E-03	9.2E-04	5.2E-03	4.9E-03	6.2E-03	2.2E-04	2.6E-04	3.1E-04	9.0E-04	7.2E-04	2.0E-04			
94	KT-P1d	16	1.4E-03	7.1E-03	9.3E-03	9.9E-03	8.5E-03	3.2E-03	5.3E-03	7.2E-03	3.7E-04	9.0E-04	7.6E-04	1.4E-03	9.3E-04	9.7E-04	1.3E-04	2.0E-04	2.6E-04	7.9E-04	3.8E-04	3.7E-04	4.2E-04	7.6E-04	6.9E-04	1.3E-03	5.6E-04	7.8E-04	9.1E-04	9.2E-04	1.6E-04	1.1E-03	6.7E-04	3.8E-03	3.8E-03	4.8E-03	1.7E-04	2.0E-04	2.4E-04	7.0E-04	5.6E-04	1.6E-04			
95	KT-P1e	20	1.3E-03	6.6E-03	8.6E-03	9.1E-03	7.9E-03	2.9E-03	4.9E-03	6.6E-03	3.5E-04	8.2E-04	6.8E-04	1.3E-03	8.9E-04	9.2E-04	1.2E-04	1.9E-04	2.4E-04	7.6E-04	3.7E-04	3.5E-04	4.0E-04	7.3E-04	6.6E-04	1.3E-03	5.4E-04	7.4E-04	8.7E-04	8.8E-04	1.2E-04	8.0E-04	4.9E-04	2.8E-03	2.9E-03	3.7E-03	1.3E-04	1.6E-04	1.8E-04	5.4E-04	4.3E-04	1.2E-04			
96	KT-P1f	30	1.0E-03	5.2E-03	6.8E-03	7.1E-03	6.2E-03	2.3E-03	3.8E-03	5.2E-03	3.1E-04	6.5E-04	5.2E-04	9.9E-04	7.8E-04	8.1E-04	1.1E-04	1.7E-04																											

Appendix 3.12 Hydrocarbon Results

No.	Name	Height	Annual Average																																										
			Reprovisioning Option B																																										
			Part 1							Part 2										Part 3																									
Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene						
Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
1	KT-A1a	4	3.5E-03	2.8E-02	2.3E-02	5.2E-02	2.4E-02	1.0E-02	2.0E-02	2.4E-02	5.6E-04	3.8E-03	2.4E-03	1.4E-02	1.3E-02	1.7E-02	6.0E-04	7.1E-04	8.5E-04	2.5E-03	2.0E-03	5.5E-04	7.6E-04	8.8E-03	9.3E-03	1.5E-02	1.1E-02	4.9E-03	8.2E-03	1.5E-02	7.7E-04	1.4E-02	8.0E-03	3.4E-02	2.9E-02	2.5E-02	6.5E-04	7.7E-04	9.1E-04	2.7E-03	5.2E-03	1.2E-03			
2	KT-A1b	8	2.8E-03	2.1E-02	1.8E-02	4.0E-02	1.9E-02	8.2E-03	1.5E-02	1.9E-02	3.8E-04	2.6E-03	1.6E-03	9.1E-03	9.2E-03	1.2E-02	4.1E-04	4.9E-04	5.8E-04	1.7E-03	1.4E-03	3.7E-04	5.2E-04	6.0E-03	6.4E-03	1.0E-02	7.1E-04	1.2E-02	6.9E-03	2.9E-02	2.7E-02	2.3E-02	6.0E-04	7.0E-04	8.9E-04	2.8E-03	4.8E-03	1.1E-03							
3	KT-A1c	12	2.2E-03	1.6E-02	1.4E-02	3.1E-02	1.4E-02	6.4E-03	1.2E-02	1.4E-02	2.8E-04	1.7E-03	1.1E-03	6.1E-03	6.3E-03	8.0E-03	2.8E-04	3.4E-04	3.9E-04	1.2E-03	9.3E-04	2.6E-04	3.6E-04	4.1E-03	4.4E-03	7.2E-03	5.4E-03	2.3E-03	3.8E-03	6.9E-03	6.4E-04	1.1E-02	6.0E-03	2.5E-02	2.5E-02	2.1E-02	5.4E-04	6.4E-04	7.5E-04	2.2E-03	4.4E-03	9.6E-04			
4	KT-A1d	16	1.8E-03	1.3E-02	1.1E-02	2.4E-02	1.1E-02	5.0E-03	9.3E-03	1.1E-02	1.8E-04	1.2E-03	7.2E-04	4.1E-03	4.4E-03	5.5E-03	2.0E-04	2.3E-04	2.7E-04	8.0E-04	6.5E-04	1.8E-04	2.5E-04	2.9E-03	3.0E-03	5.0E-03	2.2E-03	1.6E-03	2.7E-03	4.8E-03	5.8E-04	9.7E-03	5.2E-03	2.2E-02	2.2E-02	1.8E-02	4.9E-04	5.7E-04	6.7E-04	2.0E-03	3.9E-03	8.7E-04			
5	KT-A1e	20	1.4E-03	9.7E-03	8.2E-03	1.8E-02	8.5E-03	4.0E-03	7.2E-03	8.7E-03	1.3E-04	8.2E-04	5.0E-04	2.8E-03	3.1E-03	3.9E-03	1.4E-04	1.6E-04	1.9E-04	5.6E-04	4.5E-04	1.2E-04	1.7E-04	2.0E-03	2.1E-03	3.5E-03	2.6E-03	1.1E-03	1.9E-03	3.4E-03	5.1E-04	8.5E-03	4.5E-03	1.9E-02	2.0E-02	1.6E-02	4.3E-04	5.1E-04	6.0E-04	1.8E-03	3.5E-03	7.7E-04			
6	KT-A1f	30	8.6E-04	5.1E-03	4.3E-03	9.6E-03	4.5E-03	2.3E-03	3.9E-03	4.7E-03	5.0E-05	3.3E-04	2.0E-04	1.1E-03	1.3E-03	1.6E-03	6.0E-05	7.0E-05	8.0E-05	2.3E-04	1.9E-04	5.0E-05	7.0E-05	8.3E-04	8.8E-04	1.5E-03	1.1E-03	4.7E-04	7.7E-04	1.4E-03	3.7E-04	6.0E-03	3.0E-03	1.3E-02	1.4E-02	1.2E-02	3.1E-04	3.6E-04	4.2E-04	1.3E-03	2.5E-03	5.5E-04			
7	KT-A1g	40	5.4E-04	2.7E-03	2.3E-03	5.1E-03	2.4E-03	1.3E-03	2.2E-03	2.6E-03	2.0E-05	1.4E-04	8.0E-05	4.6E-04	5.3E-04	6.6E-04	2.0E-05	3.0E-05	3.0E-05	1.0E-04	8.0E-05	2.0E-05	3.0E-05	3.4E-04	3.6E-04	6.0E-04	4.5E-04	1.9E-04	3.2E-04	5.8E-04	2.5E-04	4.1E-03	2.0E-03	8.5E-03	9.6E-03	8.0E-03	2.1E-04	2.5E-04	2.9E-04	8.6E-04	1.7E-03	3.8E-04			
8	KT-A1h	50	3.6E-04	1.5E-03	1.3E-03	2.8E-03	1.3E-03	8.3E-04	1.3E-03	1.5E-03	1.0E-05	7.0E-05	3.0E-05	1.9E-04	2.2E-04	2.7E-04	1.0E-05	1.0E-05	1.0E-05	4.0E-05	3.0E-05	1.0E-05	1.0E-05	1.4E-04	1.5E-04	2.4E-04	1.8E-04	8.0E-05	1.3E-04	2.4E-04	1.7E-04	2.7E-03	1.3E-03	5.9E-03	6.4E-03	5.3E-03	1.4E-04	1.9E-04	5.8E-04	1.1E-03	2.5E-04				
9	KT-A1i	60	2.5E-04	8.6E-04	7.5E-04	1.6E-03	7.2E-04	5.4E-04	7.8E-04	8.7E-04	0.0E+00	2.0E-05	1.0E-05	7.0E-05	9.0E-05	1.1E-04	0.0E+00	0.0E+00	1.0E-05	2.0E-05	1.0E-05	0.0E+00	0.0E+00	6.0E-05	6.0E-05	1.0E-04	7.0E-05	3.0E-05	5.0E-05	9.0E-05	1.1E-04	1.7E-03	8.2E-04	3.5E-03	4.2E-03	3.5E-03	9.0E-05	1.1E-04	1.2E-04	3.7E-04	7.4E-04	1.6E-04			
10	KT-A1j	70	1.7E-04	5.1E-04	4.5E-04	9.4E-04	4.2E-04	3.6E-04	4.9E-04	5.4E-04	0.0E+00	1.0E-05	0.0E+00	3.0E-05	3.0E-05	4.0E-05	0.0E+00	0.0E+00	0.0E+00	1.0E-05	0.0E+00	0.0E+00	0.0E+00	2.0E-05	2.0E-05	4.0E-05	3.0E-05	1.0E-05	2.0E-05	4.0E-05	7.0E-05	1.1E-03	5.2E-04	2.2E-03	2.6E-03	2.2E-03	6.0E-05	7.0E-05	8.0E-05	2.4E-04	4.7E-04	1.0E-04			
11	KT-A1k	80	1.3E-04	3.2E-04	2.8E-04	5.8E-04	2.5E-04	2.5E-04	3.3E-04	3.5E-04	0.0E+00	0.0E+00	0.0E+00	1.0E-05	1.0E-05	2.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	1.0E-05	2.0E-05	1.0E-05	1.0E-05	2.0E-05	4.0E-05	1.0E-05	1.1E-03	5.2E-04	2.2E-03	2.6E-03	2.2E-03	6.0E-05	7.0E-05	8.0E-05	2.4E-04	4.7E-04	1.0E-04			
12	KT-A1l	90	9.0E-05	2.1E-04	1.9E-04	3.8E-04	1.7E-04	1.8E-04	2.3E-04	2.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-05	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	0.0E+00	0.0E+00	0.0E+00	3.0E-05	4.3E-04	2.0E-04	8.4E-04	1.0E-03	8.6E-04	2.0E-05	3.0E-05	3.0E-05	9.0E-05	1.8E-04	4.0E-05			
13	KT-A1m	100	7.0E-05	1.5E-04	1.4E-04	2.7E-04	1.2E-04	1.4E-04	1.7E-04	1.8E-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	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	2.0E-05	2.7E-04	1.3E-04	5.3E-04	6.6E-04	5.5E-04	1.0E-05	2.0E-05	2.0E-05	6.0E-05	1.2E-04	3.0E-05			
14	KT-A2a	4	2.9E-03	2.2E-02	1.9E-02	4.2E-02	2.0E-02	8.6E-03	1.6E-02	2.0E-02	2.4E-04	1.7E-03	1.1E-03	6.4E-03	5.8E-03	7.2E-03	2.6E-04	3.0E-04	3.7E-04	1.1E-03	8.5E-04	2.3E-04	3.3E-04	3.7E-03	4.0E-03	6.0E-03	4.9E-03	2.1E-03	3.5E-03	6.3E-03	7.0E-04	1.2E-02	6.8E-03	2.9E-02	2.7E-02	2.2E-02	5.9E-04	7.0E-04	8.3E-04	2.4E-03	4.8E-03	1.1E-03			
15	KT-A2b	8	2.3E-03	1.7E-02	1.4E-02	3.1E-02	1.5E-02	6.5E-03	1.2E-02	1.5E-02	1.8E-04	1.2E-03	7.9E-04	4.5E-03	4.3E-03	5.4E-03	1.9E-04	2.3E-04	2.7E-04	7.8E-04	6.3E-04	1.7E-04	2.4E-04	2.8E-03	3.0E-03	4.9E-03	3.6E-03	1.6E-03	2.6E-03	4.7E-03	6.3E-04	1.1E-02	5.9E-03	2.5E-02	2.4E-02	2.0E-02	5.3E-04	6.3E-04	7.4E-04	2.2E-03	4.3E-03	9.5E-04			
16	KT-A2c	12	1.8E-03	1.2E-02	1.1E-02	2.4E-02	1.1E-02	5.0E-03	9.3E-03	1.1E-02	1.3E-04	9.0E-04	5.7E-04	3.2E-03	3.2E-03	4.0E-03	1.4E-04	1.7E-04	2.0E-04	5.8E-04	4.6E-04	1.3E-04	1.8E-04	2.1E-03	2.2E-03	3.6E-03	2.7E-03	1.2E-03	1.9E-03	3.5E-03	5.6E-04	9.4E-03	5.1E-03	2.1E-02	2.1E-02	1.8E-02	4.7E-03	6.6E-04	6.5E-04	2.8E-03	8.4E-04				
17	KT-A2d	16	1.4E-03	9.5E-03	8.0E-03	1.8E-02	8.3E-03	3.9E-03	7.1E-03	8.5E-03	1.0E-04	6.5E-04	4.0E-04	2.3E-03	2.3E-03	2.9E-03	1.0E-04	1.2E-04	1.5E-04	4.3E-04	3.4E-04	9.0E-05	1.3E-04	1.5E-03	1.6E-03	2.7E-03	2.0E-03	8.5E-04	1.4E-03	2.5E-03	5.0E-04	8.3E-03	4.4E-03	1.8E-02	1.9E-02	1.6E-02	4.2E-04	4.9E-04	5.8E-04	1.7E-03	3.4E-03	7.4E-04			
18	KT-A2e	20	1.1E-03	7.3E-03	6.2E-03	1.4E-02	6.4E-03	3.1E-03	5.5E-03	6.6E-03	7.0E-05	4.7E-04	2.9E-04	1.7E-03	1.7E-03	2.2E-03	8.0E-05	9.0E-05	1.1E-04	3.1E-04	2.5E-04	7.0E-05	1.0E-04	1.2E-03	1.2E-03	2.0E-03	1.5E-03	6.3E-04	1.0E-03	1.9E-03	4.3E-04	7.2E-03	3.7E-03	1.6E-02	1.7E-02	1.4E-02	3.6E-04	4.3E-04	5.0E-04	1.5E-03	2.9E-03	6.5E-04			
19	KT-A2f	30	7.0E-04	3.8E-03	3.2E-03	7.1E-03	3.3E-03	1.8E-03	3.0E-03	3.5E-03	3.0E-05	2.1E-04	1.3E-04	7.3E-04	7.9E-04	9.9E-04	4.0E-05	5.1E-05	1.4E-04	1.2E-04	1.2E-04	3.0E-05	4.0E-05	5.1E-04	5.4E-04	8.0E-05	6.7E-04	2.9E-04	4.8E-04	8.6E-04	3.0E-04	5.0E-03	2.5E-03	1.1E-02	1.2E-02	9.6E-04	3.5E-04	5.0E-04	1.0E-03	2.1E-03	4.5E-04				
20	KT-A2g	40	4.5E-04	2.1E-03	1.8E-03	3.9E-03	1.8E-03	1.1E-03	1.7E-03	2.0E-03	1.0E-05	9.0E-05	6.0E-05	3.2E-04	3.6E-04	4.5E-04	2.0E-05	2.0E-05	2.0E-05	7.0E-05	5.0E-05	1.0E-05	2.0E-05	2.3E-04	2.5E-04	4.1E-04	3.0E-04	1.3E-04	2.2E-04	3.9E-04	2.1E-04	3.3E-03	1.6E-03	6.9E-03	7.9E-03	6.6E-03	1.7E-04	2.0E-04	2.4E-04	7.1E-04	1.4E-03	3.1E-04			
21	KT-A2h	50	3.0E-04	1.2E-03	1.0E-03	2.1E-03	9.7E-04	6.8E-04	1.0E-03	1.1E-03	1.0E-05	4.0E-05	2.0E-05	1.4E-04	1.6E-04	2.0E-04	1.0E-05	1.0E-05	1.0E-05	3.0E-05	2.0E-05	1.0E-05	1.0E-05	1.1E-04	1.8E-04	1.3E-04	6.0E-05	1.0E-04	1.7E-04	1.4E-04	2.2E-03	1.1E-03	4.5E-03												

Appendix 3.12 Hydrocarbon Results

No.	Name	Height	Annual Average																																									
			Reprovisioning Option B														Reprovisioning Option C																											
			Part 3							Part 4							Part 1																											
Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene					
Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
1	KT-A1a	4	3.0E-03	1.5E-02	1.9E-02	2.0E-02	1.8E-02	6.6E-03	1.1E-02	1.5E-02	4.8E-04	1.2E-03	9.2E-04	1.8E-03	1.2E-03	1.3E-03	1.7E-04	2.6E-04	3.4E-04	1.0E-03	5.0E-04	4.8E-04	5.4E-04	9.9E-04	8.9E-04	1.7E-03	7.3E-04	1.0E-03	1.2E-03	1.2E-03	2.5E-03	2.2E-02	1.4E-02	7.4E-02	6.9E-02	6.4E-02	1.4E-03	1.7E-03	2.1E-03	6.1E-03	1.3E-02	3.6E-03		
2	KT-A1b	8	2.7E-03	1.3E-02	1.8E-02	1.9E-02	1.6E-02	6.0E-03	1.0E-02	1.4E-02	4.6E-04	1.1E-03	8.5E-04	1.6E-03	1.2E-03	1.2E-03	1.6E-04	2.6E-04	3.4E-04	9.8E-04	4.8E-04	4.6E-04	5.2E-04	9.5E-04	1.7E-03	7.0E-04	9.7E-04	1.1E-03	1.1E-03	2.2E-03	1.8E-02	1.2E-02	5.8E-02	5.7E-02	5.2E-02	1.2E-03	1.5E-03	5.3E-03	1.1E-02	3.0E-03				
3	KT-A1c	12	2.5E-03	1.2E-02	1.6E-02	1.7E-02	1.5E-02	5.5E-03	9.1E-03	1.2E-02	4.4E-04	1.0E-03	7.8E-04	1.5E-03	1.1E-03	1.1E-03	1.5E-04	2.4E-04	3.0E-04	9.4E-04	4.5E-04	4.4E-04	4.9E-04	9.1E-04	8.2E-04	1.6E-03	6.7E-04	9.2E-04	1.1E-03	1.1E-03	1.8E-03	1.5E-02	9.4E-03	4.6E-02	4.6E-02	4.2E-02	1.0E-03	1.3E-03	1.5E-03	4.5E-03	8.7E-03	2.5E-03		
4	KT-A1d	16	2.2E-03	1.1E-02	1.4E-02	1.5E-02	1.3E-02	4.9E-03	8.2E-03	1.1E-02	4.2E-04	9.2E-04	7.1E-04	1.4E-03	1.0E-03	1.1E-03	1.4E-04	2.2E-04	2.8E-04	8.9E-04	4.3E-04	4.1E-04	4.7E-04	8.6E-04	7.7E-04	1.5E-03	6.3E-04	8.7E-04	1.0E-03	1.0E-03	1.6E-03	1.3E-02	7.6E-03	3.6E-02	3.8E-02	3.4E-02	8.5E-04	1.1E-03	1.3E-03	3.9E-03	7.2E-03	2.1E-03		
5	KT-A1e	20	2.0E-03	9.7E-03	1.3E-02	1.3E-02	1.2E-02	4.4E-03	7.2E-03	9.8E-03	3.9E-04	8.4E-04	6.4E-04	1.2E-03	9.8E-04	1.0E-03	1.3E-04	2.1E-04	2.1E-04	8.3E-04	4.0E-04	3.9E-04	4.4E-04	8.1E-04	7.3E-04	1.4E-03	5.9E-04	8.2E-04	9.6E-04	9.7E-04	1.3E-03	1.1E-02	6.3E-03	2.9E-02	3.1E-02	2.8E-02	7.3E-04	1.1E-03	3.3E-03	5.9E-03	1.8E-03			
6	KT-A1f	30	1.4E-03	7.0E-03	9.1E-03	9.6E-03	8.3E-03	3.1E-03	5.2E-03	7.0E-03	3.3E-04	6.7E-04	5.1E-04	9.6E-04	8.2E-04	8.6E-04	1.1E-04	1.8E-04	2.2E-04	7.0E-04	3.4E-04	3.3E-04	3.7E-04	6.8E-04	6.1E-04	1.2E-03	5.0E-04	6.9E-04	8.0E-04	8.1E-04	9.2E-04	6.9E-03	3.9E-03	1.7E-02	1.9E-02	1.7E-02	4.9E-04	6.4E-04	7.5E-04	2.3E-03	3.7E-03	1.2E-03		
7	KT-A1g	40	9.6E-04	4.8E-03	6.3E-03	6.6E-03	5.7E-03	2.1E-03	3.6E-03	4.8E-03	2.7E-04	4.1E-04	4.0E-04	7.5E-04	6.7E-04	7.0E-04	9.0E-05	1.4E-04	1.7E-04	5.7E-04	2.8E-04	2.7E-04	3.0E-04	5.5E-04	5.0E-04	9.7E-04	4.1E-04	5.6E-04	6.6E-04	6.6E-04	6.5E-04	4.5E-03	2.5E-03	1.0E-02	1.2E-02	1.0E-02	3.3E-04	4.4E-04	5.2E-04	1.6E-03	2.3E-03	8.0E-04		
8	KT-A1h	50	6.4E-04	3.2E-03	4.2E-03	4.4E-03	3.8E-03	1.4E-03	2.4E-03	3.2E-03	2.1E-04	4.1E-04	3.1E-04	5.8E-04	5.4E-04	5.6E-04	7.0E-05	1.2E-04	1.4E-04	4.6E-04	2.2E-04	2.1E-04	2.4E-04	4.4E-04	4.0E-04	7.7E-04	3.2E-04	4.5E-04	5.2E-04	5.3E-04	4.6E-04	2.9E-03	1.6E-03	6.4E-03	7.3E-04	3.1E-04	3.6E-04	1.1E-03	3.3E-03	5.9E-03	1.5E-03	5.5E-04		
9	KT-A1i	60	4.2E-04	2.1E-03	2.7E-03	2.9E-03	2.5E-03	9.2E-04	1.5E-03	2.1E-03	1.7E-04	3.1E-04	2.3E-04	4.4E-04	4.2E-04	4.4E-04	6.0E-05	9.0E-05	1.1E-04	3.6E-04	1.7E-04	1.7E-04	1.9E-04	3.5E-04	3.1E-04	6.1E-04	2.5E-04	3.5E-04	4.1E-04	4.2E-04	3.2E-04	1.9E-03	1.0E-03	3.9E-03	4.5E-03	4.0E-03	1.6E-04	2.1E-04	2.5E-04	8.0E-04	9.3E-04	3.8E-04		
10	KT-A1j	70	2.6E-04	1.3E-03	1.7E-03	1.8E-03	1.6E-03	5.9E-04	9.8E-04	1.3E-03	1.3E-04	2.4E-04	1.8E-04	3.4E-04	3.3E-04	3.4E-04	5.0E-05	7.0E-05	8.0E-05	2.8E-04	1.3E-04	1.3E-04	1.5E-04	2.7E-04	2.4E-04	4.7E-04	2.0E-04	2.7E-04	3.2E-04	3.2E-04	2.3E-04	1.2E-03	6.7E-04	2.8E-03	2.5E-03	1.1E-04	1.5E-04	1.7E-04	5.6E-04	6.0E-04	2.6E-04			
11	KT-A1k	80	1.6E-04	8.2E-04	1.1E-03	1.1E-03	9.8E-04	3.7E-04	6.1E-04	8.2E-04	1.0E-04	1.8E-04	1.4E-04	2.6E-04	2.5E-04	2.6E-04	3.0E-05	5.0E-05	6.0E-05	2.2E-04	1.0E-04	1.1E-04	1.2E-04	2.1E-04	1.9E-04	3.7E-04	1.5E-04	2.1E-04	2.5E-04	2.5E-04	1.7E-04	8.0E-05	1.1E-04	1.2E-04	1.6E-03	8.0E-05	1.1E-04	1.2E-04	4.0E-04	3.9E-04	1.9E-04			
12	KT-A1l	90	1.0E-04	5.1E-04	6.7E-04	7.1E-04	6.1E-04	2.3E-04	3.8E-04	5.1E-04	8.0E-05	1.4E-04	1.0E-04	2.0E-04	2.0E-04	2.1E-04	3.0E-05	4.0E-05	5.0E-05	1.7E-04	8.0E-05	8.0E-05	9.0E-05	1.6E-04	1.5E-04	2.9E-04	1.2E-04	1.7E-04	1.9E-04	2.0E-04	1.3E-04	5.1E-04	2.9E-04	9.5E-04	1.1E-03	9.8E-04	5.0E-05	8.0E-05	9.0E-05	2.9E-04	2.6E-04	1.4E-04		
13	KT-A1m	100	7.0E-05	3.3E-04	4.3E-04	4.5E-04	3.9E-04	1.5E-04	2.4E-04	3.3E-04	6.0E-05	1.1E-04	8.0E-05	1.6E-04	1.6E-04	1.6E-04	2.0E-05	3.0E-05	4.0E-05	1.3E-04	7.0E-05	6.0E-05	7.0E-05	1.3E-04	1.2E-04	2.8E-04	1.0E-04	1.3E-04	1.5E-04	1.6E-04	1.0E-04	3.5E-04	2.1E-04	6.3E-04	7.3E-04	6.6E-04	4.0E-05	6.0E-05	7.0E-05	2.2E-04	1.8E-04	1.0E-04		
14	KT-A2a	4	2.7E-03	1.3E-02	1.8E-02	1.9E-02	1.6E-02	6.0E-03	9.9E-03	1.3E-02	4.9E-04	1.1E-03	8.9E-04	1.7E-03	1.2E-03	1.3E-03	1.7E-04	2.7E-04	3.4E-04	1.1E-03	5.0E-04	4.9E-04	5.5E-04	1.0E-03	9.1E-04	1.2E-03	1.2E-03	2.2E-03	2.2E-03	2.2E-03	5.8E-02	5.4E-02	1.2E-02	1.2E-02	1.2E-02	5.8E-02	5.4E-02	1.2E-02	1.5E-03	1.8E-03	5.4E-03	1.1E-02	3.1E-03	
15	KT-A2b	8	2.4E-03	1.2E-02	1.6E-02	1.7E-02	1.4E-02	5.4E-03	8.9E-03	1.2E-02	4.7E-04	1.1E-03	8.1E-04	1.5E-03	1.2E-03	1.2E-03	1.6E-04	2.5E-04	3.2E-04	9.9E-04	4.8E-04	4.6E-04	5.2E-04	9.6E-04	8.6E-04	1.7E-03	7.0E-04	9.7E-04	1.1E-03	1.2E-03	1.9E-03	1.5E-02	9.2E-03	4.5E-02	4.6E-02	4.2E-02	1.0E-03	1.3E-03	1.5E-03	4.6E-03	8.8E-03	2.6E-03		
16	KT-A2c	12	2.1E-03	1.1E-02	1.4E-02	1.5E-02	1.3E-02	4.8E-03	7.9E-03	1.1E-02	4.4E-04	9.5E-04	7.3E-04	1.4E-03	1.1E-03	1.1E-03	1.5E-04	2.4E-04	2.9E-04	9.3E-04	4.5E-04	4.4E-04	4.9E-04	9.0E-04	8.1E-04	1.6E-03	6.0E-04	7.6E-04	9.2E-04	1.1E-03	1.1E-03	1.6E-03	1.2E-02	7.5E-03	3.6E-02	3.7E-02	3.4E-02	8.5E-04	1.1E-03	1.3E-03	3.9E-03	7.1E-03	2.1E-03	
17	KT-A2d	16	1.9E-03	9.4E-03	1.2E-02	1.3E-02	1.1E-02	4.2E-03	7.0E-03	9.4E-03	4.1E-04	8.7E-04	6.7E-04	1.3E-03	1.0E-03	1.1E-03	1.4E-04	2.2E-04	2.7E-04	8.7E-04	4.2E-04	4.1E-04	4.6E-04	8.4E-04	7.6E-04	1.5E-03	6.2E-04	8.6E-04	1.0E-03	1.0E-03	1.3E-03	1.0E-02	6.2E-03	2.8E-02	3.0E-02	2.7E-02	7.2E-04	9.2E-04	1.1E-03	3.3E-03	5.8E-03	1.8E-03		
18	KT-A2e	20	1.7E-03	8.2E-03	1.1E-02	1.1E-02	9.8E-03	3.7E-03	6.1E-03	8.3E-03	3.8E-04	7.9E-04	6.1E-04	1.2E-03	9.5E-04	9.9E-04	1.3E-04	2.1E-04	2.5E-04	8.1E-04	3.9E-04	3.8E-04	4.3E-04	7.8E-04	7.1E-04	1.4E-03	5.8E-04	8.0E-04	9.3E-04	9.4E-04	1.1E-03	8.6E-03	5.1E-03	2.3E-02	2.5E-02	2.2E-02	6.1E-04	7.8E-04	9.3E-04	2.8E-03	4.7E-03	1.5E-03		
19	KT-A2f	30	1.2E-03	5.8E-03	7.5E-03	7.8E-03	6.9E-03	2.6E-03	4.3E-03	5.8E-03	3.1E-04	6.2E-04	4.7E-04	9.0E-04	7.8E-04	8.1E-04	1.1E-04	1.7E-04	2.0E-04	6.6E-04	3.2E-04	3.1E-04	3.5E-04	6.4E-04	5.8E-04	1.1E-03	4.7E-04	6.5E-04	7.6E-04	7.7E-04	7.9E-04	5.6E-03	3.2E-03	1.4E-02	1.5E-02	1.3E-02	4.1E-04	5.4E-04	6.3E-04	2.0E-03	2.9E-03	9.9E-04		
20	KT-A2g	40	7.8E-04	3.9E-03	5.1E-03	5.4E-03	4.7E-03	1.7E-03	2.9E-03	3.9E-03	2.5E-04	4.8E-04	3.7E-04	7.0E-04	6.3E-04	6.5E-04	9.0E-05	1.3E-04	1.6E-04	5.3E-04	2.6E-04	2.5E-04	2.8E-04	5.1E-04	4.6E-04	9.0E-04	3.8E-04	5.2E-04	6.1E-04	6.2E-04	5.5E-04	3.6E-03	2.0E-03	8.3E-03	9.3E-03	8.3E-03	2.8E-04	3.7E-04	4.4E-04	1.4E-03	1.9E-03	6.7E-04		
21	KT-A2h	50	5.2E-04	2.6E-03	3.4E-03	3.6E-03	3.1E-03	1.2E-03	1.9E-03	2.6E-03	2.0E-04	3.7E-04	2.8E-04	5.3E-04	4.9E-04	5.1E-04	7.0E-05	1.1E-04	1.3E-04	4.2E-04	2.0E-04	2.0E-04	2.2E-04	4.1E-04	3.7E-04	7.1E-04	3.0E-04	4.1E-04	4.8E-															

Appendix 3.12 Hydrocarbon Results

Max. Project Contribution (without Background) Concentration (µg/m³)		8.6E-06	4.3E-05	5.6E-05	5.9E-05	5.1E-05	1.9E-05	3.2E-05	4.3E-05	1.8E-06	5.4E-06	4.3E-06	8.2E-06	4.5E-06	4.7E-06	6.2E-07	9.7E-07	1.4E-06	3.9E-06	1.9E-06	1.8E-06	2.0E-06	3.7E-06	3.4E-06	6.6E-06	2.7E-06	3.8E-06	4.4E-06	4.5E-06	4.6E-06	5.6E-05	4.7E-05	2.3E-04	1.1E-04	1.0E-04	2.7E-06	3.3E-06	4.4E-06	1.2E-05	2.1E-05	6.2E-06									
		Annual Average																																																
		Reprovisioning Option B																								Reprovisioning Option C																								
ASR		Part 3												Part 4												Part 1																								
No.	Name	Height	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene	Fluorene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Benzo(g,h,i)perylene	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)pyrene	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Acenaphthylene	Acenaphthene								
Concentration (mg/m³) (Note: Model inputs were multiplied by a factor of 1000)		Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
74	KT-A7d	16	5.1E-04	2.6E-03	3.4E-03	3.6E-03	3.1E-03	1.1E-03	1.9E-03	2.6E-03	1.5E-04	2.8E-04	2.1E-04	4.0E-04	3.7E-04	3.8E-04	5.0E-05	8.0E-05	9.0E-05	3.1E-04	1.5E-04	1.4E-04	1.6E-04	3.0E-04	2.7E-04	5.3E-04	2.2E-04	3.0E-04	3.6E-04	3.6E-04	7.6E-04	5.9E-03	4.6E-03	2.6E-02	2.0E-02	1.9E-02	3.9E-04	4.9E-04	5.9E-04	1.8E-03	3.8E-03	1.1E-03								
75	KT-A7e	20	3.8E-04	1.9E-03	2.5E-03	2.6E-03	2.3E-03	8.4E-04	1.4E-03	1.9E-03	1.1E-04	2.1E-04	1.6E-04	3.1E-04	2.8E-04	2.9E-04	4.0E-05	6.0E-05	7.0E-05	2.4E-04	1.2E-04	1.1E-04	1.3E-04	2.3E-04	2.1E-04	4.0E-04	1.7E-04	2.3E-04	2.7E-04	2.8E-04	6.3E-04	4.8E-03	3.7E-03	2.1E-02	1.7E-02	1.6E-02	3.2E-04	4.0E-04	4.8E-04	1.4E-03	3.2E-03	9.0E-04								
76	KT-A8a	4	2.9E-03	1.4E-02	1.9E-02	2.0E-02	1.7E-02	6.4E-03	1.1E-02	1.4E-02	3.3E-03	4.3E-03	3.4E-03	6.5E-03	3.3E-03	3.4E-03	4.5E-04	7.1E-04	1.0E-03	2.8E-03	1.4E-03	1.3E-03	1.5E-03	2.7E-03	2.5E-03	4.8E-03	2.0E-03	2.8E-03	3.2E-03	3.3E-03	2.8E-03	2.5E-02	2.2E-02	1.0E-01	4.4E-02	4.0E-02	1.4E-03	1.8E-03	2.5E-03	6.7E-03	9.0E-03	3.4E-03								
77	KT-A8b	8	2.6E-03	1.3E-02	1.7E-02	1.8E-02	1.6E-02	5.9E-03	9.8E-03	1.3E-02	1.1E-03	3.3E-03	2.6E-03	5.0E-03	2.8E-03	2.9E-03	3.8E-04	5.9E-04	8.4E-04	2.3E-03	1.1E-03	1.1E-03	1.2E-03	2.3E-03	2.0E-03	4.0E-03	1.7E-03	2.3E-03	2.7E-03	2.7E-03	2.5E-03	2.2E-02	1.9E-02	8.7E-02	4.1E-02	3.7E-02	1.2E-03	1.6E-03	2.2E-03	5.9E-03	8.2E-03	3.0E-03								
78	KT-A8c	12	2.4E-03	1.2E-02	1.6E-02	1.7E-02	1.4E-02	5.3E-03	8.8E-03	1.2E-02	9.0E-04	2.6E-03	2.0E-03	3.8E-03	2.3E-03	2.3E-03	3.1E-04	4.8E-04	6.7E-04	1.9E-03	9.3E-04	8.9E-04	1.0E-03	1.9E-03	1.7E-03	3.3E-03	1.4E-03	1.9E-03	2.2E-03	2.2E-03	2.1E-03	1.9E-02	1.6E-02	7.5E-02	3.8E-02	3.4E-02	1.1E-03	1.4E-03	1.9E-03	5.1E-03	7.5E-03	2.6E-03								
79	KT-A8d	16	2.2E-03	1.1E-02	1.4E-02	1.5E-02	1.3E-02	4.8E-03	7.9E-03	1.1E-02	7.3E-04	2.0E-03	1.5E-03	2.9E-03	1.8E-03	1.9E-03	2.5E-04	3.9E-04	5.3E-04	1.6E-03	7.5E-04	7.2E-04	8.1E-04	1.5E-03	1.4E-03	2.6E-03	1.1E-03	1.5E-03	1.8E-03	1.8E-03	1.8E-03	1.6E-02	1.4E-02	6.5E-02	3.4E-02	3.1E-02	9.2E-04	1.2E-03	1.6E-03	4.4E-03	6.8E-03	2.3E-03								
80	KT-A8e	20	1.9E-03	9.5E-03	1.2E-02	1.3E-02	1.1E-02	4.3E-03	7.1E-03	9.6E-03	5.8E-04	1.5E-03	1.2E-03	2.2E-03	1.5E-03	1.5E-03	2.0E-04	3.1E-04	4.2E-04	1.2E-03	6.0E-04	5.8E-04	6.5E-04	1.2E-03	1.1E-03	2.1E-03	8.8E-04	1.2E-03	1.4E-03	1.4E-03	1.6E-03	1.4E-02	1.2E-02	5.6E-02	3.1E-02	2.8E-02	8.0E-04	1.1E-03	1.4E-03	3.8E-03	6.1E-03	2.0E-03								
81	KT-A8f	30	1.4E-03	6.9E-03	9.0E-03	9.6E-03	8.3E-03	3.1E-03	5.1E-03	6.9E-03	3.3E-04	7.6E-04	5.9E-04	1.1E-03	8.2E-04	8.5E-04	1.1E-04	1.8E-04	2.2E-04	6.9E-04	3.4E-04	3.2E-04	3.6E-04	6.7E-04	6.0E-04	1.2E-03	4.9E-04	6.8E-04	8.0E-04	8.1E-04	1.1E-03	9.8E-03	7.8E-03	3.9E-02	2.4E-02	2.2E-02	5.6E-04	7.2E-04	9.1E-04	2.6E-03	4.6E-03	1.4E-03								
82	KT-A8g	40	9.7E-04	4.8E-03	6.3E-03	6.7E-03	5.8E-03	2.2E-03	3.6E-03	4.9E-03	1.8E-04	3.8E-04	2.9E-04	5.5E-04	4.5E-04	4.6E-04	6.0E-05	1.0E-04	1.2E-04	3.8E-04	1.8E-04	1.8E-04	2.0E-04	3.7E-04	3.3E-04	6.4E-04	2.7E-04	3.7E-04	4.3E-04	4.4E-04	7.2E-04	6.8E-03	5.2E-03	2.7E-02	1.8E-02	1.7E-02	4.0E-04	5.0E-04	6.2E-04	1.8E-03	3.4E-03	9.9E-04								
83	KT-A8h	50	6.6E-04	3.3E-03	4.3E-03	4.6E-03	4.0E-03	1.5E-03	2.5E-03	3.3E-03	1.0E-04	1.9E-04	1.4E-04	2.7E-04	2.4E-04	2.5E-04	3.0E-05	5.0E-05	6.0E-05	2.0E-04	1.0E-04	1.0E-04	1.1E-04	2.0E-04	1.8E-04	3.5E-04	1.5E-04	2.0E-04	2.3E-04	2.4E-04	5.0E-04	4.7E-03	3.5E-03	1.9E-02	1.4E-02	1.2E-02	2.8E-04	3.4E-04	4.2E-04	1.2E-03	2.5E-03	7.0E-04								
84	KT-A8i	60	4.5E-04	2.2E-03	2.9E-03	3.1E-03	2.7E-03	1.0E-03	1.7E-03	2.2E-03	5.0E-05	1.0E-04	7.0E-05	1.4E-04	1.3E-04	1.3E-04	2.0E-05	3.0E-05	3.0E-05	1.1E-04	5.0E-05	5.0E-05	6.0E-05	1.1E-04	9.0E-05	1.8E-04	8.0E-05	1.1E-04	1.3E-04	1.3E-04	3.5E-04	3.3E-03	2.4E-03	1.3E-02	1.0E-02	9.3E-03	2.0E-04	2.4E-04	2.9E-04	8.5E-04	1.9E-03	5.0E-04								
85	KT-A8j	70	3.0E-04	1.5E-03	2.0E-03	2.1E-03	1.8E-03	6.7E-04	1.1E-03	1.5E-03	3.0E-05	5.0E-05	4.0E-05	7.0E-05	7.0E-05	7.0E-05	1.0E-05	1.0E-05	2.0E-05	6.0E-05	3.0E-05	3.0E-05	3.0E-05	6.0E-05	5.0E-05	1.0E-04	4.0E-05	6.0E-05	7.0E-05	7.0E-05	2.5E-04	2.3E-03	1.7E-03	9.2E-03	7.5E-03	7.0E-03	1.4E-04	1.7E-04	2.1E-04	6.0E-04	1.4E-03	3.7E-04								
86	KT-A8k	80	2.0E-04	1.0E-03	1.3E-03	1.4E-03	1.2E-03	4.5E-04	7.6E-04	1.0E-03	1.0E-05	3.0E-05	2.0E-05	4.0E-05	4.0E-05	4.0E-05	0.0E+00	1.0E-05	1.0E-05	3.0E-05	1.0E-05	1.0E-05	2.0E-05	3.0E-05	3.0E-05	5.0E-05	2.0E-05	3.0E-05	3.0E-05	4.0E-05	1.8E-04	1.6E-03	1.2E-03	6.5E-03	5.7E-03	5.3E-03	1.0E-04	1.2E-04	1.5E-04	4.3E-04	1.1E-03	2.7E-04								
87	KT-A8l	90	1.4E-04	7.0E-04	9.2E-04	9.7E-04	8.4E-04	3.1E-04	5.2E-04	7.0E-04	1.0E-05	1.0E-05	1.0E-05	2.0E-05	2.0E-05	2.0E-05	0.0E+00	0.0E+00	0.0E+00	2.0E-05	1.0E-05	1.0E-05	1.0E-05	2.0E-05	1.0E-05	3.0E-05	1.0E-05	2.0E-05	2.0E-05	2.0E-05	1.3E-04	1.2E-03	8.2E-04	4.7E-03	4.4E-03	4.1E-03	8.0E-05	9.0E-05	1.1E-04	3.2E-04	8.0E-04	2.0E-04								
88	KT-A8m	100	1.0E-04	5.0E-04	6.5E-04	6.9E-04	6.0E-04	2.2E-04	3.7E-04	5.0E-04	0.0E+00	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	0.0E+00	0.0E+00	0.0E+00	1.0E-05	0.0E+00	0.0E+00	0.0E+00	1.0E-05	1.0E-05	2.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-05	1.0E-04	9.1E-04	6.2E-04	3.6E-03	3.4E-03	3.2E-03	6.0E-05	7.0E-05	8.0E-05	2.5E-04	6.3E-04	1.6E-04								
89	KT-A9a	4	6.8E-03	3.4E-02	4.5E-02	4.7E-02	4.1E-02	1.5E-02	2.5E-02	3.4E-02	1.8E-03	5.4E-03	4.3E-03	8.2E-03	4.5E-03	4.7E-03	6.2E-04	9.7E-04	1.4E-03	3.9E-03	1.9E-03	1.8E-03	2.0E-03	3.7E-03	3.4E-03	6.6E-03	2.7E-03	3.8E-03	4.4E-03	4.5E-03	4.6E-03	5.2E-02	4.5E-02	2.1E-01	9.0E-02	8.0E-02	2.4E-03	3.2E-03	4.4E-03	1.2E-02	1.8E-02	5.9E-03								
90	KT-A9b	8	5.8E-03	2.9E-02	3.8E-02	4.0E-02	3.4E-02	1.3E-02	2.1E-02	2.9E-02	1.1E-03	2.9E-03	2.3E-03	4.4E-03	2.8E-03	2.9E-03	3.8E-04	6.0E-04	8.0E-04	2.4E-03	1.2E-03	1.1E-03	1.3E-03	2.3E-03	2.3E-03	4.6E-03	1.7E-03	2.3E-03	2.7E-03	2.8E-03	3.5E-03	4.0E-02	3.4E-02	1.7E-01	7.8E-02	7.0E-02	1.9E-03	2.5E-03	3.3E-03	8.9E-03	1.5E-02	4.6E-03								
91	KT-P1a	4	1.7E-03	8.5E-03	1.1E-02	1.2E-02	1.0E-02	3.8E-03	6.3E-03	8.5E-03	3.3E-04	9.7E-04	7.7E-04	1.5E-03	8.2E-04	8.5E-04	1.1E-04	1.8E-04	2.5E-04	6.9E-04	3.4E-04	3.2E-04	3.7E-04	6.7E-04	6.0E-04	1.2E-03	4.9E-04	6.8E-04	8.0E-04	8.1E-04	1.3E-03	1.3E-02	1.1E-02	5.8E-02	3.3E-02	3.1E-02	7.2E-04	9.1E-04	1.2E-03	3.3E-03	6.3E-03	1.8E-03								
92	KT-P1b	8	1.6E-03	8.1E-03	1.1E-02	1.1E-02	9.7E-03	3.6E-03	6.0E-03	8.1E-03	3.2E-04	9.1E-04	7.2E-04	1.4E-03	8.0E-04	8.3E-04	1.1E-04	1.7E-04	2.4E-04	6.8E-04	3.3E-04	3.1E-04	3.6E-04	6.6E-04	5.9E-04	1.2E-03	4.8E-04	6.7E-04	7.8E-04	7.9E-04	1.3E-03	1.2E-02	9.5E-03	4.8E-02	3.2E-02	2.9E-02	6.9E-04	8.7E-04	1.1E-03	3.1E-03	6.0E-03	1.7E-03								
93	KT-P1c	12	1.5E-03	7.7E-03	1.0E-02	1.1E-02	9.2E-03	3.4E-03	5.7E-03	7.7E-03	3.1E-04	8.4E-04	6.6E-04	1.3E-03	7.7E-04	8.0E-04	1.1E-04	1.7E-04	2.3E-04	6.6E-04	3.2E-04	3.1E-04	3.5E-04	6.3E-04	5.7E-04	1.1E-03	4.7E-04	6.4E-04	7.5E-04	7.6E-04	1.2E-03	1.1E-02	7.9E-03	3.9E-02	2.9E-02	2.7E-02	6.5E-04	8.1E-04	1.0E-03	2.9E-03	5.5E-03	1.6E-03								
94	KT-P1d	16	1.4E-03	7.1E-03	9.4E-03	9.9E-03	8.5E-03	3.2E-03	5.3E-03	7.2E-03	3.0E-04	7.7E-04	6.0E-04	1.2E-03	7.4E-04	7.7E-04	1.0E-04	1.6E-04	2.1E-04	6.3E-04	3.1E-04	2.9E-04	3.3E-04	6.1E-04	5.5E-04	1.1E-03	4.5E-04	6.2E-04	7.2E-04	7.3E-04	1.1E-03	9.5E-03	6.6E-03	3.2E-02	2.7E-02	2.4E-02	6.0E-04	7.5E-04	9.3E-04	2.7E-03	5.1E-03	1.5E-03								
95	KT-P1e	20	1.3E-03	6.6E-03	8.6E-03	9.1E-03	7.9E-03	2.9E-03	4.9E-03	6.6E-03	2.8E-04	7.0E-04	5.4E-04	1.0E-03	7.1E-0																																			

Appendix 3.12 - Hydrocarbon Results

Hourly and Daily Results

Scenario A Results
(Parts 1 to 4)
Excluding planned
ASR internal to
KTCDA

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	3.8E-04	5.7E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	1.5E-03	1.5E-04	3.7E-02	3.0E-02
Anthracene	5.0E-01	-	1.0E-03	-	3.6E-03	-
Fluoranthene	5.0E-01	-	6.4E-03	-	1.4E-02	-
Pyrene	5.0E-01	7.1E-01	7.8E-03	7.2E-04	1.3E-02	4.9E-03
Benzo(a)pyrene	3.0E-02	-	7.5E-03	-	8.6E-03	-
Benzenz	2.7E+01	2.9E+01	1.3E-04	2.0E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	2.0E-04	3.1E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	2.3E-04	3.6E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	8.0E-04	1.2E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	1.4E-03	-	2.0E-02	-
Acenaphthene	1.0E+00	-	3.8E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	4.4E-04	-	1.8E-02	-
Chrysene	3.6E-01	2.4E-01	4.0E-03	3.7E-04	6.0E-03	1.7E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	3.3E-03	3.1E-04	6.1E-03	1.2E-03
Benzo(b)fluoranthene	3.6E-01	-	7.5E-03	-	9.1E-03	-
Benzo(k)fluoranthene	5.0E-01	-	3.5E-03	-	4.3E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	1.4E-03	-	1.5E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	2.8E-03	-	4.2E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	3.4E-03	-	5.2E-03	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	3.4E-04	4.0E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	5.4E-03	6.4E-04	4.1E-02	3.0E-02
Anthracene	5.0E-01	-	2.5E-03	-	5.0E-03	-
Fluoranthene	5.0E-01	-	1.0E-02	-	1.8E-02	-
Pyrene	5.0E-01	7.1E-01	1.3E-02	1.5E-03	1.8E-02	5.8E-03
Benzo(a)pyrene	3.0E-02	-	1.1E-02	-	1.2E-02	-
Benzenz	2.7E+01	2.9E+01	2.9E-04	3.4E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	3.4E-04	4.0E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	3.9E-04	4.6E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	1.2E-03	1.4E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	2.3E-03	-	2.1E-02	-
Acenaphthene	1.0E+00	-	5.1E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	1.3E-03	-	1.9E-02	-
Chrysene	3.6E-01	2.4E-01	6.4E-03	7.6E-04	8.5E-03	2.1E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	8.4E-03	1.0E-03	1.1E-02	1.9E-03
Benzo(b)fluoranthene	3.6E-01	-	8.9E-03	-	1.1E-02	-
Benzo(k)fluoranthene	5.0E-01	-	7.7E-03	-	8.5E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	2.9E-03	-	3.0E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	4.8E-03	-	6.2E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	6.5E-03	-	8.3E-03	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	3.8E-04	5.4E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	6.4E-04	9.4E-05	3.6E-02	2.9E-02
Anthracene	5.0E-01	-	4.8E-04	-	3.0E-03	-
Fluoranthene	5.0E-01	-	9.1E-04	-	8.4E-03	-
Pyrene	5.0E-01	7.1E-01	9.4E-04	1.4E-04	6.1E-03	4.4E-03
Benzo(a)pyrene	3.0E-02	-	9.8E-04	-	2.1E-03	-
Benzenz	2.7E+01	2.9E+01	1.3E-04	1.9E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	2.0E-04	2.9E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	2.3E-04	3.4E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	8.0E-04	1.2E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	3.9E-04	-	1.9E-02	-
Acenaphthene	1.0E+00	-	3.7E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	4.2E-04	-	1.8E-02	-
Chrysene	3.6E-01	2.4E-01	7.7E-04	1.1E-04	2.8E-03	1.5E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	7.0E-04	1.0E-04	3.4E-03	9.5E-04
Benzo(b)fluoranthene	3.6E-01	-	1.4E-03	-	3.0E-03	-
Benzo(k)fluoranthene	5.0E-01	-	5.7E-04	-	1.3E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	7.9E-04	-	8.8E-04	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	9.2E-04	-	2.3E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	9.3E-04	-	2.7E-03	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	2.3E-04	2.3E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	1.4E-03	1.4E-04	3.7E-02	3.0E-02
Anthracene	5.0E-01	-	8.0E-04	-	3.4E-03	-
Fluoranthene	5.0E-01	-	4.6E-03	-	1.2E-02	-
Pyrene	5.0E-01	7.1E-01	5.4E-03	5.6E-04	1.1E-02	4.8E-03
Benzo(a)pyrene	3.0E-02	-	6.8E-03	-	7.9E-03	-
Benzenz	2.7E+01	2.9E+01	2.4E-04	2.5E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	2.9E-04	2.9E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	3.3E-04	3.4E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	9.9E-04	1.0E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	8.0E-04	-	1.9E-02	-
Acenaphthene	1.0E+00	-	2.2E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	3.1E-04	-	1.8E-02	-
Chrysene	3.6E-01	2.4E-01	3.5E-03	3.6E-04	5.6E-03	1.7E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	3.7E-03	3.8E-04	6.5E-03	1.2E-03
Benzo(b)fluoranthene	3.6E-01	-	6.2E-03	-	7.8E-03	-
Benzo(k)fluoranthene	5.0E-01	-	4.6E-03	-	5.4E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	2.0E-03	-	2.1E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	3.3E-03	-	4.7E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	5.9E-03	-	7.7E-03	-

Appendix 3.12 - Hydrocarbon Results

Hourly and Daily Results

Scenario A Results
(Part 4)
Planned ASRs
internal to KTCDA
only

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	2.3E-04	2.3E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	1.4E-03	1.4E-04	3.7E-02	3.0E-02
Anthracene	5.0E-01	-	8.3E-04	-	3.4E-03	-
Fluoranthene	5.0E-01	-	4.7E-03	-	1.2E-02	-
Pyrene	5.0E-01	7.1E-01	5.6E-03	5.6E-04	1.1E-02	4.8E-03
Benzo(a)pyrene	3.0E-02	-	7.0E-03	-	8.1E-03	-
Benzene	2.7E+01	2.9E+01	2.5E-04	2.5E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	2.9E-04	3.0E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	3.4E-04	3.4E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	1.0E-03	1.0E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	8.2E-04	-	1.9E-02	-
Acenaphthene	1.0E+00	-	2.3E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	3.2E-04	-	1.8E-02	-
Chrysene	3.6E-01	2.4E-01	3.6E-03	3.6E-04	5.7E-03	1.7E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	3.9E-03	3.9E-04	6.6E-03	1.2E-03
Benzo(b)fluoranthene	3.6E-01	-	6.4E-03	-	8.0E-03	-
Benzo(k)fluoranthene	5.0E-01	-	4.7E-03	-	5.5E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	2.0E-03	-	2.1E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	3.4E-03	-	4.8E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	6.1E-03	-	7.9E-03	-

Appendix 3.12 - Hydrocarbon Results

Hourly and Daily Results

Scenario B Results
(Parts 1 to 4)

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E-02	2.3E+01	3.2E-04	4.8E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	2.1E-03	2.0E-04	3.8E-02	3.0E-02
Anthracene	5.0E-01	-	1.4E-03	-	4.0E-03	-
Fluoranthene	5.0E-01	-	9.0E-03	-	1.7E-02	-
Pyrene	5.0E-01	7.1E-01	1.1E-02	1.0E-03	1.6E-02	5.2E-03
Benzo(a)pyrene	3.0E-02	-	1.0E-02	-	1.2E-02	-
Benzene	2.7E+01	2.9E+01	1.7E-04	1.7E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	2.0E-04	2.6E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	2.3E-04	3.0E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	6.8E-04	1.0E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	6.5E-03	-	2.5E-02	-
Acenaphthene	1.0E+00	-	1.6E-03	-	7.1E-02	-
Fluorene	1.0E+01	-	2.0E-03	-	2.0E-02	-
Chrysene	3.6E-01	2.4E-01	2.4E-02	2.2E-03	2.6E-02	3.5E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	1.6E-02	1.5E-03	1.9E-02	2.4E-03
Benzo(b)fluoranthene	3.6E-01	-	7.1E-02	-	7.3E-02	-
Benzo(k)fluoranthene	5.0E-01	-	1.1E-02	-	1.2E-02	-
Dibenzo(a,h)anthracene	5.0E-01	-	7.0E-03	-	7.1E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	1.6E-02	-	1.8E-02	-
Benzo(g,h,i)perylene	5.0E-01	-	2.0E-02	-	2.2E-02	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E-02	2.3E+01	1.6E-04	1.6E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	9.8E-04	1.0E-04	3.7E-02	2.9E-02
Anthracene	5.0E-01	-	5.7E-04	-	3.1E-03	-
Fluoranthene	5.0E-01	-	3.2E-03	-	1.1E-02	-
Pyrene	5.0E-01	7.1E-01	3.8E-03	3.9E-04	9.0E-03	4.6E-03
Benzo(a)pyrene	3.0E-02	-	4.8E-03	-	5.9E-03	-
Benzene	2.7E+01	2.9E+01	1.7E-04	1.8E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	2.0E-04	2.1E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	2.3E-04	2.4E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	7.0E-04	7.2E-05	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	1.8E-03	-	2.0E-02	-
Acenaphthene	1.0E+00	-	4.8E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	7.0E-04	-	1.8E-02	-
Chrysene	3.6E-01	2.4E-01	1.1E-02	1.1E-03	1.3E-02	2.4E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	9.3E-03	9.5E-04	1.2E-02	1.8E-03
Benzo(b)fluoranthene	3.6E-01	-	7.1E-03	-	8.7E-03	-
Benzo(k)fluoranthene	5.0E-01	-	7.1E-03	-	7.9E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	5.0E-03	-	5.1E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	9.8E-03	-	1.1E-02	-
Benzo(g,h,i)perylene	5.0E-01	-	1.8E-02	-	2.0E-02	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E-02	2.3E+01	3.7E-04	4.4E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	5.9E-03	7.0E-04	4.2E-02	3.0E-02
Anthracene	5.0E-01	-	2.7E-03	-	5.3E-03	-
Fluoranthene	5.0E-01	-	1.1E-02	-	1.9E-02	-
Pyrene	5.0E-01	7.1E-01	1.4E-02	1.7E-03	1.9E-02	5.9E-03
Benzo(a)pyrene	3.0E-02	-	1.2E-02	-	1.3E-02	-
Benzene	2.7E+01	2.9E+01	3.1E-04	3.7E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	3.7E-04	4.4E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	4.3E-04	5.1E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	1.3E-03	1.5E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	8.2E-03	-	2.7E-02	-
Acenaphthene	1.0E+00	-	1.7E-03	-	7.2E-02	-
Fluorene	1.0E+01	-	4.6E-03	-	2.2E-02	-
Chrysene	3.6E-01	2.4E-01	3.0E-02	3.6E-03	3.3E-02	4.9E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	3.3E-02	3.9E-03	3.5E-02	4.7E-03
Benzo(b)fluoranthene	3.6E-01	-	6.7E-02	-	6.8E-02	-
Benzo(k)fluoranthene	5.0E-01	-	1.9E-02	-	1.9E-02	-
Dibenzo(a,h)anthracene	5.0E-01	-	1.1E-02	-	1.1E-02	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	2.2E-02	-	2.4E-02	-
Benzo(g,h,i)perylene	5.0E-01	-	3.0E-02	-	3.2E-02	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E-02	2.3E+01	3.0E-04	4.4E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	5.1E-04	7.5E-05	3.6E-02	2.9E-02
Anthracene	5.0E-01	-	3.8E-04	-	2.9E-03	-
Fluoranthene	5.0E-01	-	7.2E-04	-	8.3E-03	-
Pyrene	5.0E-01	7.1E-01	7.5E-04	1.1E-04	5.9E-03	4.3E-03
Benzo(a)pyrene	3.0E-02	-	7.8E-04	-	1.9E-03	-
Benzene	2.7E+01	2.9E+01	1.0E-04	1.5E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	1.6E-04	2.3E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	1.9E-04	2.7E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	6.4E-04	9.3E-05	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	1.0E-03	-	1.9E-02	-
Acenaphthene	1.0E+00	-	9.1E-04	-	7.1E-02	-
Fluorene	1.0E+01	-	1.1E-03	-	1.9E-02	-
Chrysene	3.6E-01	2.4E-01	2.7E-03	3.8E-04	4.7E-03	1.7E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	2.0E-03	2.8E-04	4.7E-03	1.1E-03
Benzo(b)fluoranthene	3.6E-01	-	7.3E-03	-	8.9E-03	-
Benzo(k)fluoranthene	5.0E-01	-	9.9E-04	-	1.7E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	2.3E-03	-	2.3E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	3.1E-03	-	4.5E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	3.2E-03	-	5.0E-03	-

Appendix 3.12 - Hydrocarbon Results

Hourly and Daily Results

Scenario C Results
(Parts 1 to 2)

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	6.0E-04	9.1E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	6.5E-03	7.6E-04	4.2E-02	3.0E-02
Anthracene	5.0E-01	-	3.1E-03	-	5.7E-03	-
Fluoranthene	5.0E-01	-	1.4E-02	-	2.2E-02	-
Pyrene	5.0E-01	7.1E-01	1.7E-02	2.0E-03	2.3E-02	6.2E-03
Benzo(a)pyrene	3.0E-02	-	1.5E-02	-	1.6E-02	-
Benzene	2.7E+01	2.9E+01	3.6E-04	4.3E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	4.3E-04	5.4E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	4.9E-04	6.3E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	1.5E-03	2.1E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	3.1E-03	-	2.2E-02	-
Acenaphthene	1.0E+00	-	7.1E-04	-	7.1E-02	-
Fluorene	1.0E+01	-	1.6E-03	-	1.9E-02	-
Chrysene	3.6E-01	2.4E-01	8.7E-03	9.8E-04	1.1E-02	2.3E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	1.1E-02	1.2E-03	1.3E-02	2.1E-03
Benzo(b)fluoranthene	3.6E-01	-	1.3E-02	-	1.5E-02	-
Benzo(k)fluoranthene	5.0E-01	-	1.0E-02	-	1.1E-02	-
Dibenzo(a,h)anthracene	5.0E-01	-	3.8E-03	-	3.8E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	6.4E-03	-	7.8E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	8.6E-03	-	1.0E-02	-

Pollutant	Project				Cumulative	
	Hourly criterion (µg/m ³)	Daily criterion (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)	Max hourly concentration (µg/m ³)	Max daily concentration (µg/m ³)
Naphthalene	5.0E+02	2.3E+01	2.9E-04	2.7E-05	7.2E-01	5.3E-01
Phenanthrene	5.0E-01	7.1E-01	1.8E-03	1.6E-04	3.7E-02	3.0E-02
Anthracene	5.0E-01	-	1.0E-03	-	3.6E-03	-
Fluoranthene	5.0E-01	-	5.9E-03	-	1.3E-02	-
Pyrene	5.0E-01	7.1E-01	7.0E-03	6.4E-04	1.2E-02	4.9E-03
Benzo(a)pyrene	3.0E-02	-	8.8E-03	-	9.9E-03	-
Benzene	2.7E+01	2.9E+01	3.1E-04	2.9E-05	6.6E+00	4.9E+00
Toluene	1.5E+04	3.8E+03	3.7E-04	3.4E-05	2.7E+01	1.6E+01
Ethylbenzene	8.7E+04	2.2E+04	4.3E-04	3.9E-05	6.5E+00	5.1E+00
Xylenes (Total)	7.4E+03	8.8E+03	1.3E-03	1.2E-04	2.4E+01	1.1E+01
Acenaphthylene	1.0E+00	-	1.0E-03	-	2.0E-02	-
Acenaphthene	1.0E+00	-	2.8E-04	-	7.0E-02	-
Fluorene	1.0E+01	-	4.0E-04	-	1.8E-02	-
Chrysene	3.6E-01	2.4E-01	4.5E-03	4.2E-04	6.6E-03	1.8E-03
Benzo(a)anthracene	5.0E-01	3.6E-01	4.8E-03	4.4E-04	7.5E-03	1.3E-03
Benzo(b)fluoranthene	3.6E-01	-	8.0E-03	-	9.6E-03	-
Benzo(k)fluoranthene	5.0E-01	-	5.9E-03	-	6.7E-03	-
Dibenzo(a,h)anthracene	5.0E-01	-	2.6E-03	-	2.6E-03	-
Indeno(1,2,3-cd)pyrene	5.0E-01	-	4.3E-03	-	5.6E-03	-
Benzo(g,h,i)perylene	5.0E-01	-	7.7E-03	-	9.5E-03	-

Appendix 3.12 - Hydrocarbon Results

Annual Results

**Scenario A Results
(Parts 1 to 4)
Excluding planned
ASR internal to
KTCDA**

Part 1

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	3.06E-06	3.37E-01
Phenanthrene	0.05	1.64E-05	1.79E-02
Anthracene	0.05	1.68E-05	1.19E-03
Fluoranthene	0.05	9.36E-05	3.12E-03
Pyrene	0.05	4.08E-05	2.45E-03
Benzo(a)pyrene	0.0003	3.95E-05	2.15E-04
Benzene	30	1.19E-06	1.61E+00
Toluene	5000	1.71E-06	5.42E+00
Ethylbenzene	1000	2.37E-06	1.34E+00
Xylenes (Total)	100	6.50E-06	2.64E+00
Acenaphthylene	0.1	8.44E-06	6.86E-03
Acenaphthene	0.1	3.50E-06	2.41E-02
Fluorene	1	4.06E-06	6.20E-03
Chrysene	0.05	2.20E-05	4.01E-04
Benzo(a)anthracene	0.05	1.88E-05	2.37E-04
Benzo(b)fluoranthene	0.05	4.17E-05	3.49E-04
Benzo(k)fluoranthene	0.05	1.92E-05	1.46E-04
Dibenzo(a,h)anthracene	0.05	9.95E-06	3.33E-05
Indeno(1,2,3-cd)pyrene	0.05	1.71E-05	2.73E-04
Benzo(g,h,i)perylene	0.05	2.02E-05	3.45E-04

Part 2

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	2.24E-06	3.37E-01
Phenanthrene	0.05	4.72E-05	1.79E-02
Anthracene	0.05	3.63E-05	1.21E-03
Fluoranthene	0.05	1.54E-04	3.18E-03
Pyrene	0.05	8.53E-05	2.50E-03
Benzo(a)pyrene	0.0003	7.12E-05	2.46E-04
Benzene	30	1.88E-06	1.61E+00
Toluene	5000	2.22E-06	5.42E+00
Ethylbenzene	1000	2.82E-06	1.34E+00
Xylenes (Total)	100	7.67E-06	2.64E+00
Acenaphthylene	0.1	1.51E-05	6.87E-03
Acenaphthene	0.1	3.35E-06	2.41E-02
Fluorene	1	8.53E-06	6.20E-03
Chrysene	0.05	4.24E-05	4.21E-04
Benzo(a)anthracene	0.05	5.57E-05	2.74E-04
Benzo(b)fluoranthene	0.05	5.90E-05	3.66E-04
Benzo(k)fluoranthene	0.05	5.08E-05	1.77E-04
Dibenzo(a,h)anthracene	0.05	1.90E-05	4.23E-05
Indeno(1,2,3-cd)pyrene	0.05	3.16E-05	2.87E-04
Benzo(g,h,i)perylene	0.05	4.27E-05	3.67E-04

Part 3

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	2.26E-06	3.37E-01
Phenanthrene	0.05	6.17E-06	1.78E-02
Anthracene	0.05	5.37E-06	1.18E-03
Fluoranthene	0.05	1.02E-05	3.04E-03
Pyrene	0.05	5.66E-06	2.42E-03
Benzo(a)pyrene	0.0003	5.88E-06	1.81E-04
Benzene	30	7.80E-07	1.61E+00
Toluene	5000	1.22E-06	5.42E+00
Ethylbenzene	1000	1.66E-06	1.34E+00
Xylenes (Total)	100	4.81E-06	2.64E+00
Acenaphthylene	0.1	2.33E-06	6.85E-03
Acenaphthene	0.1	2.24E-06	2.41E-02
Fluorene	1	2.53E-06	6.20E-03
Chrysene	0.05	4.65E-06	3.83E-04
Benzo(a)anthracene	0.05	4.19E-06	2.22E-04
Benzo(b)fluoranthene	0.05	8.19E-06	3.16E-04
Benzo(k)fluoranthene	0.05	3.42E-06	1.30E-04
Dibenzo(a,h)anthracene	0.05	4.73E-06	2.81E-05
Indeno(1,2,3-cd)pyrene	0.05	5.52E-06	2.61E-04
Benzo(g,h,i)perylene	0.05	5.59E-06	3.30E-04

Part 4

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	5.60E-07	3.37E-01
Phenanthrene	0.05	5.24E-06	1.78E-02
Anthracene	0.05	4.48E-06	1.18E-03
Fluoranthene	0.05	2.56E-05	3.05E-03
Pyrene	0.05	1.35E-05	2.43E-03
Benzo(a)pyrene	0.0003	1.69E-05	1.92E-04
Benzene	30	6.00E-07	1.61E+00
Toluene	5000	7.10E-07	5.42E+00
Ethylbenzene	1000	8.50E-07	1.34E+00
Xylenes (Total)	100	2.46E-06	2.64E+00
Acenaphthylene	0.1	1.98E-06	6.85E-03
Acenaphthene	0.1	5.40E-07	2.41E-02
Fluorene	1	7.60E-07	6.19E-03
Chrysene	0.05	8.74E-06	3.87E-04
Benzo(a)anthracene	0.05	9.29E-06	2.27E-04
Benzo(b)fluoranthene	0.05	1.53E-05	3.23E-04
Benzo(k)fluoranthene	0.05	1.14E-05	1.38E-04
Dibenzo(a,h)anthracene	0.05	4.93E-06	2.83E-05
Indeno(1,2,3-cd)pyrene	0.05	8.16E-06	2.64E-04
Benzo(g,h,i)perylene	0.05	1.47E-05	3.40E-04

Appendix 3.12 - Hydrocarbon Results

Annual Results

**Scenario A Results
(Part 4)
Planned ASRs
internal to KTCD
only**

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	1.89E-06	3.37E-01
Phenanthrene	0.05	1.95E-05	1.79E-02
Anthracene	0.05	1.52E-05	1.19E-03
Fluoranthene	0.05	8.71E-05	3.11E-03
Pyrene	0.05	4.55E-05	2.46E-03
Benzo(a)pyrene	0.0003	5.72E-05	2.32E-04
Benzene	30	2.04E-06	1.61E+00
Toluene	5000	2.41E-06	5.42E+00
Ethylbenzene	1000	3.35E-06	1.34E+00
Xylenes (Total)	100	8.31E-06	2.64E+00
Acenaphthylene	0.1	6.69E-06	6.86E-03
Acenaphthene	0.1	1.84E-06	2.41E-02
Fluorene	1	2.57E-06	6.20E-03
Chrysene	0.05	2.96E-05	4.08E-04
Benzo(a)anthracene	0.05	3.15E-05	2.49E-04
Benzo(b)fluoranthene	0.05	5.21E-05	3.60E-04
Benzo(k)fluoranthene	0.05	3.85E-05	1.65E-04
Dibenzo(a,h)anthracene	0.05	1.67E-05	4.00E-05
Indeno(1,2,3-cd)pyrene	0.05	2.76E-05	2.83E-04
Benzo(g,h,i)perylene	0.05	4.97E-05	3.75E-04

Appendix 3.12 - Hydrocarbon Results

Annual Results

**Scenario B Results
(Parts 1 to 4)**

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	2.92E-06	3.37E-01
Phenanthrene	0.05	1.88E-05	1.79E-02
Anthracene	0.05	2.17E-05	1.20E-03
Fluoranthene	0.05	1.28E-04	3.15E-03
Pyrene	0.05	5.48E-05	2.47E-03
Benzo(a)pyrene	0.0003	5.29E-05	2.28E-04
Benzene	30	1.22E-06	1.61E+00
Toluene	5000	1.66E-06	5.42E+00
Ethylbenzene	1000	2.32E-06	1.34E+00
Xylenes (Total)	100	6.21E-06	2.64E+00
Acenaphthylene	0.1	1.09E-05	6.86E-03
Acenaphthene	0.1	3.66E-06	2.41E-02
Fluorene	1	4.33E-06	6.20E-03
Chrysene	0.05	2.89E-05	4.07E-04
Benzo(a)anthracene	0.05	2.46E-05	2.42E-04
Benzo(b)fluoranthene	0.05	5.49E-05	3.62E-04
Benzo(k)fluoranthene	0.05	2.54E-05	1.52E-04
Dibenzo(a,h)anthracene	0.05	1.20E-05	3.53E-05
Indeno(1,2,3-cd)pyrene	0.05	2.16E-05	2.77E-04
Benzo(g,h,i)perylene	0.05	2.59E-05	3.51E-04

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	5.60E-07	3.37E-01
Phenanthrene	0.05	5.25E-06	1.78E-02
Anthracene	0.05	4.49E-06	1.18E-03
Fluoranthene	0.05	2.57E-05	3.05E-03
Pyrene	0.05	1.35E-05	2.43E-03
Benzo(a)pyrene	0.0003	1.69E-05	1.92E-04
Benzene	30	6.00E-07	1.61E+00
Toluene	5000	7.10E-07	5.42E+00
Ethylbenzene	1000	8.50E-07	1.34E+00
Xylenes (Total)	100	2.46E-06	2.64E+00
Acenaphthylene	0.1	1.98E-06	6.85E-03
Acenaphthene	0.1	5.50E-07	2.41E-02
Fluorene	1	7.60E-07	6.19E-03
Chrysene	0.05	8.76E-06	3.87E-04
Benzo(a)anthracene	0.05	9.31E-06	2.27E-04
Benzo(b)fluoranthene	0.05	1.54E-05	3.23E-04
Benzo(k)fluoranthene	0.05	1.14E-05	1.38E-04
Dibenzo(a,h)anthracene	0.05	4.94E-06	2.83E-05
Indeno(1,2,3-cd)pyrene	0.05	8.18E-06	2.64E-04
Benzo(g,h,i)perylene	0.05	1.47E-05	3.40E-04

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	2.24E-06	3.37E-01
Phenanthrene	0.05	4.72E-05	1.79E-02
Anthracene	0.05	3.64E-05	1.21E-03
Fluoranthene	0.05	1.54E-04	3.18E-03
Pyrene	0.05	8.55E-05	2.50E-03
Benzo(a)pyrene	0.0003	7.13E-05	2.46E-04
Benzene	30	1.88E-06	1.61E+00
Toluene	5000	2.22E-06	5.42E+00
Ethylbenzene	1000	2.82E-06	1.34E+00
Xylenes (Total)	100	7.69E-06	2.64E+00
Acenaphthylene	0.1	1.52E-05	6.87E-03
Acenaphthene	0.1	3.36E-06	2.41E-02
Fluorene	1	8.55E-06	6.20E-03
Chrysene	0.05	4.25E-05	4.21E-04
Benzo(a)anthracene	0.05	5.58E-05	2.74E-04
Benzo(b)fluoranthene	0.05	5.91E-05	3.67E-04
Benzo(k)fluoranthene	0.05	5.09E-05	1.77E-04
Dibenzo(a,h)anthracene	0.05	1.90E-05	4.23E-05
Indeno(1,2,3-cd)pyrene	0.05	3.16E-05	2.87E-04
Benzo(g,h,i)perylene	0.05	4.27E-05	3.68E-04

Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	1.81E-06	3.37E-01
Phenanthrene	0.05	5.40E-06	1.78E-02
Anthracene	0.05	4.29E-06	1.18E-03
Fluoranthene	0.05	8.16E-06	3.03E-03
Pyrene	0.05	4.53E-06	2.42E-03
Benzo(a)pyrene	0.0003	4.70E-06	1.80E-04
Benzene	30	6.20E-07	1.61E+00
Toluene	5000	9.70E-07	5.42E+00
Ethylbenzene	1000	1.37E-06	1.34E+00
Xylenes (Total)	100	3.85E-06	2.64E+00
Acenaphthylene	0.1	1.86E-06	6.85E-03
Acenaphthene	0.1	1.79E-06	2.41E-02
Fluorene	1	2.02E-06	6.19E-03
Chrysene	0.05	3.72E-06	3.82E-04
Benzo(a)anthracene	0.05	3.35E-06	2.21E-04
Benzo(b)fluoranthene	0.05	6.56E-06	3.14E-04
Benzo(k)fluoranthene	0.05	2.73E-06	1.29E-04
Dibenzo(a,h)anthracene	0.05	3.78E-06	2.71E-05
Indeno(1,2,3-cd)pyrene	0.05	4.42E-06	2.60E-04
Benzo(g,h,i)perylene	0.05	4.47E-06	3.29E-04

Appendix 3.12 - Hydrocarbon Results

Annual Results

**Scenario C Results
(Parts 1 to 2)**

Part 1			
Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	4.64E-06	3.37E-01
Phenanthrene	0.05	5.62E-05	1.79E-02
Anthracene	0.05	4.69E-05	1.22E-03
Fluoranthene	0.05	2.28E-04	3.25E-03
Pyrene	0.05	1.13E-04	2.52E-03
Benzo(a)pyrene	0.0003	1.01E-04	2.76E-04
Benzene	30	2.65E-06	1.61E+00
Toluene	5000	3.34E-06	5.42E+00
Ethylbenzene	1000	4.39E-06	1.34E+00
Xylenes (Total)	100	1.20E-05	2.64E+00
Acenaphthylene	0.1	2.13E-05	6.87E-03
Acenaphthene	0.1	6.22E-06	2.41E-02
Fluorene	1	1.07E-05	6.20E-03
Chrysene	0.05	5.79E-05	4.36E-04
Benzo(a)anthracene	0.05	6.38E-05	2.82E-04
Benzo(b)fluoranthene	0.05	9.38E-05	4.01E-04
Benzo(k)fluoranthene	0.05	6.07E-05	1.87E-04
Dibenzo(a,h)anthracene	0.05	2.57E-05	4.90E-05
Indeno(1,2,3-cd)pyrene	0.05	4.37E-05	2.99E-04
Benzo(g,h,i)perylene	0.05	5.56E-05	3.80E-04

Part 2			
Pollutant	Annual criterion (µg/m ³)	Project Max annual concentration (µg/m ³)	Cumulative Max annual concentration (µg/m ³)
Naphthalene	10	6.70E-07	3.37E-01
Phenanthrene	0.05	5.70E-06	1.78E-02
Anthracene	0.05	5.35E-06	1.18E-03
Fluoranthene	0.05	3.06E-05	3.06E-03
Pyrene	0.05	1.61E-05	2.43E-03
Benzo(a)pyrene	0.0003	2.02E-05	1.95E-04
Benzene	30	7.20E-07	1.61E+00
Toluene	5000	8.50E-07	5.42E+00
Ethylbenzene	1000	1.01E-06	1.34E+00
Xylenes (Total)	100	2.94E-06	2.64E+00
Acenaphthylene	0.1	2.37E-06	6.85E-03
Acenaphthene	0.1	6.50E-07	2.41E-02
Fluorene	1	9.10E-07	6.19E-03
Chrysene	0.05	1.05E-05	3.89E-04
Benzo(a)anthracene	0.05	1.11E-05	2.29E-04
Benzo(b)fluoranthene	0.05	1.83E-05	3.26E-04
Benzo(k)fluoranthene	0.05	1.36E-05	1.40E-04
Dibenzo(a,h)anthracene	0.05	5.89E-06	2.92E-05
Indeno(1,2,3-cd)pyrene	0.05	9.75E-06	2.65E-04
Benzo(g,h,i)perylene	0.05	1.76E-05	3.42E-04