

# Appendix 4H

## Target air and produce concentration

**Table 4H1 Health-based target indoor air concentrations**

Contaminant	Indoor Air Concentration ( $\mu\text{g}/\text{m}^3$ )
<b>RESIDENTIAL / AGRICULTURAL LAND USE</b>	
TPHs	
C <sub>7</sub> -C <sub>9</sub>	24,000
C <sub>10</sub> -C <sub>14</sub>	1,500
C <sub>15</sub> -C <sub>36</sub>	7,300
MAHs	
Benzene	3.9
Toluene	540
Ethylbenzene	140
Xylene	440
PAHs	
Naphthalene	19
Non-carc. (Pyrene)	150
Benzo(a)pyrene	0.016
<b>COMMERCIAL / INDUSTRIAL LAND USE</b>	
TPHs	
C <sub>7</sub> -C <sub>9</sub>	53,000
C <sub>10</sub> -C <sub>14</sub>	3,200
C <sub>15</sub> -C <sub>36</sub>	16,000
MAHs	
Benzene	13
Toluene	1,200
Ethylbenzene	310
Xylene	960
PAHs	
Naphthalene	43
Non-carc. (Pyrene)	320
Benzo(a)pyrene	0.051

**Table 4H2 Health-based target produce concentration**

<b>Contaminant</b>	<b>Produce Concentration (mg/kg fresh weight)</b>
<b>RESIDENTIAL LAND USE</b>	
TPHs	
C7-C9	-
C10-C14	-
C15-C36	-
MAHs	
Benzene	-
Toluene	-
Ethylbenzene	-
Xylene	-
PAHs	
Naphthalene	4.8
Non-carc. (Pyrene)	36
Benzo(a)pyrene	0.0049
<b>AGRICULTURAL LAND USE</b>	
TPHs	
C7-C9	-
C10-C14	-
C15-C36	-
MAHs	
Benzene	-
Toluene	-
Ethylbenzene	-
Xylene	-
PAHs	
Naphthalene	0.48
Non-carc. (Pyrene)	3.6
Benzo(a)pyrene	0.00049