

Determinant	Assessment Criteria (mg/kg)	
	C4SL Screening Levels	S4UL Generic Assessment Criteria
Metals, semi- metals and non-metals		
Arsenic	37	37
Cadmium	17	10
Copper	NC	2400
Chromium III	NC	910
Lead	200	NC
Mercury (elemental)	NC	1
Nickel	NC	130
Selenium	NC	350
Zinc	NC	3700
PAH (total)	NC	NC
TPH (total)	NC	NC
Naphthalene	NC	1.5
Acenaphthylene	NC	170
Acenaphthene	NC	210
Fluorene	NC	170
Phenanthrene	NC	95
Anthracene	NC	2400
Fluoranthene	NC	280
Pyrene	NC	620
Benzo(a)anthracene	NC	7.2
Chrysene	NC	15
Benzo(b)fluoranthene	NC	2.6
Benzo(k)fluoranthene	NC	77
Benzo(a)pyrene	3.2	2.2
Indeno(1,2,3-c,d)Pyrene	NC	2.3
Dibenzo(a,h)anthracene	NC	0.24
Benzo(g,h,i)perylene	NC	320
Others		
Cyanide (total)*	NC	5
Asbestos	NC	NC
Speciated TPH		
Aliphatic EC5-6	NC	30
Aliphatic EC6-8	NC	73
Aliphatic EC8-10	NC	19
Aliphatic EC10-12	NC	93 (48)
Aliphatic EC12-16	NC	740 (24)
Aliphatic EC16-35	NC	45000 (8.48)
Aliphatic EC35-44	NC	45000 (8.48)
Aromatic EC5-7	NC	65
Aromatic EC7-8	NC	120
Aromatic EC8-10	NC	27
Aromatic EC10-12	NC	69
Aromatic EC12-16	NC	140
Aromatic EC16-21	NC	250
Aromatic EC21-35	NC	890
Aromatic EC35-44	NC	890

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NOTES:
 (1) C4SL/LQM S4UL 2015 for Residential with gardens land use scenario at 1% organic matter content
 (2) *= Dutch Target value used as screening value for cyanide.
 (3) NC = No criterion.