

## **Appendix L.4 Summary of Chemical Laboratory Testing – Soil (concentrations in mg/kg)**

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Contaminant	Made Ground, Topsoil and Subsoil	Alluvium	Sands and Gravels	Screening Level
Arsenic	15 – 110	18 – 68	18 – 98	640
Cadmium	0.48 – 61	0.16 – 22	0.12 – 1.5	190
Chromium	68 – 5200	31 – 1800	31 – 82	8600
Copper	8.5 – 450	16 – 180	11 – 17	6.8e+04
Mercury	0.09 – 5.0	<0.1 – 2.1	<0.1 – 0.8	1100
Nickel	21 – 83	20 – 39	24 – 60	980
Lead	3.7 – 560	7.1 – 220	11 – 51	2330
Selenium	<0.2 – 2.5	<0.2 – 1.0	<0.2 – 0.46	1.2e+04
Zinc	62 – 16000	54 – 530	71 – 130	7.3e+05
TPH >C6-C10	<10	<10	<10	7800
TPH >C10-C21	<10 – 280	<10	<10	2000
TPH >C21-C40	1169 – 3400	<10 – 21	<10	2.8e+04
Naphthalene	0.12	0.51	0.17 – 0.19	190
Acenaphthylene	<0.1	0.17	<0.1 – 0.25	8.3e+04
Acenaphthene	<0.1	0.18	<0.1 – 0.11	8.4e+04
Fluorene	<0.1	<0.1	<0.1	6.3e+04
Phenanthrene	<0.1 – 0.35	<0.1	<0.1	2.2e+04
Anthracene	<0.1 – 0.1	<0.1	<0.1	5.2e+05
Fluoranthene	0.14 – 0.51	<0.1	<0.1	2.3e+04
Pyrene	0.21 – 0.6	0.16	<0.1	5.4e+04
Benzo[a]anthracene	<0.1 – 1.3	<0.1	<0.1	170
Chrysene	<0.1	<0.1	<0.1	350
Benzo[b]fluoranthene	<0.1	<0.1	<0.1	44
Benzo[a]pyrene	<0.1	<0.1	<0.1	35
Dibenzo[ah]anthracene	<0.1	<0.1	<0.1	3.5
Indeno[123-cd]pyrene	<0.1	<0.1	<0.1	500
Benzo[ghi]perylene	<0.1	<0.1	<0.1	3900

No screening levels are exceeded.