

Test	Atrisk(1% SOM - 6% SOM)	EIC	LQM	Units	TP1	TP7	TP15	TP17	TP18	TP2	TP3	TP4	TP5	TP6	TP8	TP9	TP10	TP11	TP12	TP13	TP14	TP16
Asbestos																						
Amosite (Brown) Asbestos				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Chrysotile (White) Asbestos				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Crocidolite (Blue) Asbestos				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Fibrous Actinolite				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Fibrous Anthrophyllite				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Fibrous Tremolite				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
Non-Asbestos Fibre *				-	Not Detected	Not Detected	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Detected
Organic Carbon, Total				%	0.203	0.469	<0.2	0.783	1.14	<0.2	<0.2	0.86	<0.2	0.295	1.37	0.454	<0.2	<0.2	<0.2	<0.2	2.12	<0.2
ANC @ pH 4				mol/kg	0.0489	0.101	0.0498	0.109	0.102													
ANC @ pH 6				mol/kg	<0.03	0.064	<0.03	0.0448	<0.03													
Cyanide, Free	373-373			mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide, Total				mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Loss on Ignition				%	12	2.32	6.58	7.4	15.4													
pH				pH Units	7.2	9.19	8.56	8.29	6.9	8.53	9.3	7.86	9.09	8.69	9.15	8.85	9.11	8.97	9.24	8.97	7	8.89
Phosphate (ortho) as PO4				mg/kg	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Sulphide, Easily liberated				mg/kg	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15
Sulphur, Total				%	<0.02	0.171	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.106	<0.02	0.0227	<0.02	<0.02	<0.02	0.0359	<0.02
Thiocyanate				mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Arsenic	635-635			mg/kg	1.21	7.42	0.766	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	1.26	<0.6	<0.6	0.835	<0.6	<0.6	3.15	0.714
Boron, water soluble				mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cadmium	410-410			mg/kg	0.355	0.38	0.692	0.569	0.36	0.274	0.525	0.454	0.327	0.373	0.398	0.329	0.276	0.358	0.377	0.308	0.553	0.645
Chromium			(Chromium vi used as proxy)	mg/kg	113	51.8	5.39	42.9	61.3	11.5	19.1	15.4	46	35.4	35.1	33.4	39.2	36.1	43.4	44.6	102	15.7
Copper	106000-106000			mg/kg	54.4	44	35.2	64.5	60.4	45.5	53.6	44.5	99.4	59.8	54.2	70.1	71.2	65.6	72.8	72.8	271	42.6
Lead	2310-2310			mg/kg	7.29	9.43	8.57	9.99	7.86	5.34	6.73	6.35	4.74	7.86	4.6	8.73	5.1	6.74	5.93	5.53	28.1	7.62
Mercury	3600-3600			mg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	0.214	<0.14
Nickel	1770-1770			mg/kg	138	98.5	24	145	122	56.9	77.5	66.8	259	109	195	151	106	157	128	123	112	65.9
Selenium	13000-13000			mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Zinc	1100000-1100000			mg/kg	53.3	65.2	96.9	73.5	66.6	61.2	62.8	55.2	55.1	60.4	45.4	60.2	59.2	58.3	66.9	57	125	81.9
Phenols, Total Detected monohydric	685-3170			mg/kg	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
TPH Criteria Working Group (TPH CWG)																						
Aliphatics >C10-C12	7900000-69500000			µg/kg	<10	<10	17.5	1520	<10	<10	<10	1630	<10	<10	15.7	<10	<10	27	<10	<10	<10	<10
Aliphatics >C12-C16	34000000-139000000			µg/kg	2380	<100	11300	36400	2930	2200	<100	459000	<100	<100	12200	1400	1740	<100	2580	1780	2160	1560
Aliphatics >C16-C21	3620000000-3620000000			µg/kg	1970	5750	44500	101000	2470	2010	<100	1230000	2450	3340	44900	3720	1460	1360	2000	1310	1560	3490
Aliphatics >C21-C35	3620000000-3620000000			µg/kg	4810	86200	50700	135000	11200	7840	<100	685000	12300	31600	250000	32600	10600	7190	5660	4880	17400	13400
Aliphatics >C35-C44				µg/kg	<100	15100	3860	40500	<100	1090	<100	22000	1450	22800	359000	33800	2090	4790	<100	<100	3520	3070
Aliphatics >C5-C6	4490000-29400000			µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	10400000-98200000			µg/kg	<10	<10	11	12.8	<10	<10	<10	41.5	<10	<10	<10	<10	<10	16.2	<10	<10	<10	<10
Aliphatics >C8-C10	1370000-14800000			µg/kg	<10	<10	15.3	65	<10	<10	<10	772	<10	<10	10.4	<10	<10	22.6	<10	<10	<10	<10
Aromatics >EC10-EC12	12300000-53800000			µg/kg	<10	<10	12.1	1010	<10	<10	<10	1080	<10	<10	10.4	<10	<10	18.3	<10	<10	<10	<10
Aromatics >EC12-EC16	41300000-65400000			µg/kg	1950	2080	3660	13100	1110	1150	<100	107000	1890	1970	25900	3500	1930	1610	<100	1400	2370	2870
Aromatics >EC16-EC21	28400000-28400000			µg/kg	<100	2430	12100	45400	<100	<100	<100	531000	1250	1660	52300	13600	<100	1080	<100	<100	3470	1660
Aromatics >EC21-EC35	28400000-28400000			µg/kg	<100	25900	24900	66200	8540	467	<100	455000	4910	32600	403000	74500	1310	5790	2400	1600	22600	7720
Aromatics >EC35-EC44				µg/kg	<100	13600	5940	22400	2970	<100	<100	24400	5800	45200	650000	96100	<100	13700	1150	<100	14400	5440
Aromatics >EC40-EC44				µg/kg	<100	6010	2280	8140	<100	<100	<100	8550	2910	21100	334000	47500	<100	7150	<100	<100	6940	2120
Aromatics >EC5-EC7	12500-98000			µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	27900000-183000000			µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	12210000-20800000			µg/kg	<10	<10	18.6	48.7	<10	<10	<10	514	<10	<10	<10	<10	<10	32.3	<10	15.1	<10	<10
Benzene	12500-98000			µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	7660000-63100000			µg/kg	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
m,p-Xylene	2720000-29700000			µg/kg	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	9.7	<6	<6	<6	<6
Methyl tertiary butyl ether (MTBE)	3140000-22400000	7900000 - 24000000		µg/kg	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-Xylene	3030000-32700000			µg/kg	<3	<3	3.29	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	5.39	<3	3.23	<3	<3
sum of detected BTEX by GC				µg/kg	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
sum of detected mpo xylene by GC	2720000-29700000			µg/kg	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	15.1	<9	<9	<9	<9
Toluene	27900000-183000000			µg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3.23	<2	2.15	<2	<2
Polyaromatic Hydrocarbons (PAHs)																						
Acenaphthene	83600000-106000000			µg																		

