



ETWB TCW No.34/2002 Guidelines

	Metals (mg/kg)									Organic PAHs (µg/kg dry wt.)		Organic non-PAHs (µg/kg dry wt.)
	Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag	L.M.W PAHs	H.M.W PAHs	Total PCBs
LCEL	1.5	80	65	40	75	200	0.5	12	1	550	1700	23
UCEL	4	160	110	40	110	270	1	42	2	3160	9600	180

Chemical Screening Data

Sampling Location	Sub-sample	Depth Interval (- mPD)	Metals (mg/kg)									Organic PAHs (µg/kg dry wt.)		Organic non-PAHs (µg/kg dry wt.)	Sediment Classification
			Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag	L.M.W PAHs	H.M.W PAHs	Total PCBs	
H1/H1A	H1A	4.98 - 5.81	<0.1	19	12	12	25	44	0.1	3.7	0.1	<55	<170	<2	L
	H1B	5.81 - 6.81	<0.1	6	2.6	5	25	18	0.09	1.7	<0.1	<55	<170	<2	L
	H1C	6.81 - 7.81	<0.1	10	3.4	7	13	21	0.07	2.1	<0.1	<55	<170	<2	L
	H1D	7.81 - 8.81	<0.1	6.2	2.6	3.7	15	20	0.1	2.3	0.2	<55	<170	<2	L

Sampling Location	Sub-sample	Depth Interval (- mPD)	Metals (mg/kg)									Organic PAHs (µg/kg dry wt.)		Organic non-PAHs (µg/kg dry wt.)	Sediment Classification
			Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag	L.M.W PAHs	H.M.W PAHs	Total PCBs	
H2A*	H2A	4.73 - 5.63	<0.1	5.1	1.9	2.8	12	16	0.05	1.7	<0.1	<55	<170	<2	L
	H2B	5.63 - 6.63	<0.1	3.2	1.3	1.9	8.5	<10	0.07	<1.0	<0.1	<55	<170	<2	L
	H2C	6.63 - 7.63	<0.1	4.2	1.7	2.8	10	12	<0.05	2.7	<0.1	<55	<170	<2	L
	H2D	7.63 - 8.13	<0.1	2.4	<1	1.5	17	10	<0.05	<1.0	<0.1	<55	<170	<2	L

Sampling Location	Sub-sample	Depth Interval (- mPD)	Metals (mg/kg)									Organic PAHs (µg/kg dry wt.)		Organic non-PAHs (µg/kg dry wt.)	Sediment Classification
			Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag	L.M.W PAHs	H.M.W PAHs	Total PCBs	
H3A*	H3A/A	4.18 - 4.98	<0.1	3.5	1.7	2.1	8.4	12	0.2	<1.0	0.7	<55	<170	<2	L
	H3A/B	4.98 - 5.98	<0.1	3.6	1.5	2	14	12	0.1	1	0.2	<55	<170	<2	L
	H3A/C	5.98 - 6.98	<0.1	5	1.8	2.9	11	14	0.07	2	<0.1	<55	<170	<2	L
	H3A/D	6.98 - 7.98	<0.1	2.6	<1.0	1.2	6	<10	<0.05	<1.0	<0.1	<55	<170	<2	L

Sampling Location	Sub-sample	Depth Interval (- mPD)	Metals (mg/kg)									Organic PAHs (µg/kg dry wt.)		Organic non-PAHs (µg/kg dry wt.)	Sediment Classification
			Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag	L.M.W PAHs	H.M.W PAHs	Total PCBs	
Reference Sediment	R1		<0.1	25	12	18	31	60	0.3	4.8	0.9	<55	<170	<2	L

NOTE: UCEL Upper Chemical Exceedence Level
 LCEL Lower Chemical Exceedence Level
 L.M.W Low Molecular Weight
 H.M.W High Molecular Weight
 H1/H1A Two Vibrocores combined to make composite sub-samples at this location
 Samples successfully collected on second vibrocore attempt therefore samples labelled H2A & 3A rather than H2 & H3. First vibrocore refused on seabed.

Proposed Sampling Locations (from STP)				Actual Sampling Locations	
	E	N		E	N
H1	829232.11	809600.14	H1	829232.11	809600.14
H2	829226.72	809564.58	H1A	829231.38	809599.29
H3	829265.33	809585.44	H2A	829224.00	809567.59
			H3A	829261.80	809589.28



EIA Study for Helipad at Yung Shue Wan, Lamma Island
SAMPLING PROGRAMME AND CHEMICAL SCREENING DATA

Appendix 5.3 – Figure 1
 Drawn MAT Checked LYI
 Scale 1:4700 Date November 2005