ATTACHMENT B

FIELD TRIPLICATE RSD

Patterson Britton & Partners - 4927-07 Port Kembla Sediments

Sample Description	Moisture Content %	Silver mg/kg	Arsenic mg/kg	Cadmium mg/kg	Cobalt mg/kg	Chromium mg/kg	Copper mg/kg	Mercury mg/kg	Manganese mg/kg	Nickel mg/kg	Lead mg/kg	Antimony mg/kg	Selenium mg/kg	Zinc mg/kg	Vanadium mg/kg	Benzene mg/kg	Toluene mg/kg
SOH-3	19	0.05	27	0.1	2.8	21	55	0.06	110	7.9	76	0.6	1.3	380	26	0.1	0.1
SOH-X	20.4	0.05	28	0.2	3	22	75	0.1	130	8.5	82	0.6	1.1	400	28	0.1	0.1
SOH-Y	21.7	0.05	29	0.2	3.1	23	66	0.09	140	8.7	84	0.5	1.4	410	29	0.1	0.1
Average	20.37	0.05	28.00	0.17	2.97	22.00	65.33	0.08	126.67	8.37	80.67	0.57	1.27	395.67	27.67	0.10	0.10
Standard Deviation	1.35	0.00	1.00	0.06	0.15	1.00	10.02	0.02	15.28	0.42	4.16	0.06	0.15	15.29	1.53	0.00	0.00
% RSD	7	0	4	35	5	5	15	25	12	5	5	10	12	4	6	0	0

Notes
nd - non detect
italic - non detect results included as half the POL for statistical purposes
* - normalised to 1% TOC

Sample Description	Ethyl Benzene mg/kg	m+p xylenes mg/kg	o-xylene mg/kg	Total BTEX mg/kg	TPH C6-C9 mg/kg	TPH C10-14 mg/kg	TPH C15-28 mg/kg	TPH C29-35 mg/kg	Naphthalene* µg/kg	1-Methylnaphthalene* µg/kg	2-Methylnaphthalene* µg/kg	Acenaphthylene* µg/kg	Acenaphthene* µg/kg
SOH-3	0.1	0.2	0.1	0.6	5	5	25	25	0.19	nd	0.04	0.04	nd
SOH-X	0.1	0.2	0.1	0.6	5	5	25	25	0.65	0.04	0.10	0.11	0.03
SOH-Y	0.1	0.2	0.1	0.6	5	5	25	25	0.22	0.03	0.06	0.07	nd
Average	0.10	0.20	0.10	0.60	5.00	5.00	25.00	25.00	0.39	0.03	0.06	0.07	--
Standard Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.01	0.03	0.04	--
% RSD	0	0	0	0	0	0	0	0	61	33	50	48	--

Sample Description	Fluorene* µg/kg	Phenanthrene* µg/kg	Anthracene* µg/kg	Fluoranthene* µg/kg	Pyrene* µg/kg	Benz(a)anthracene* µg/kg	Chrysene* µg/kg	Benzo(b)&(k)fluoranthene* µg/kg	Benzo(a)pyrene* µg/kg	Indeno(1,2,3-cd)pyrene* µg/kg	Dibenz(a,h)anthracene* µg/kg
SCH-3	nd	0.10	0.04	0.11	0.11	0.05	0.05	0.13	0.07	nd	nd
SCH-X	0.06	0.39	0.12	0.41	0.37	0.19	0.20	0.44	0.21	0.07	0.03
SCH-Y	0.03	0.22	0.07	0.29	0.27	0.15	0.15	0.40	0.19	0.07	nd
Average	0.05	0.24	0.07	0.27	0.25	0.13	0.13	0.32	0.15	0.07	–
Standard Deviation	0.02	0.15	0.04	0.15	0.13	0.07	0.07	0.17	0.08	0.00	–
% RSD	47	62	55	57	54	59	57	53	50	5	–

Sample Description	Benzo(g,h,i)perylene* µg/kg	Coronene* µg/kg	Benzo(e)pyrene* µg/kg	Total PAHs* µg/kg	Aldrin µg/kg	alpha-BHC µg/kg	beta-BHC µg/kg	gamma-BHC (Lindane) µg/kg	delta-BHC µg/kg	cis-Chlordane µg/kg	trans-Chlordane µg/kg	p,p'-DDD µg/kg	p,p'-DDE µg/kg
SOH-3	nd	nd	0.05	0.95	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SOH-X	0.07	nd	0.18	3.65	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SOH-Y	0.06	nd	0.16	2.55	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Average	0.07	--	0.13	2.38	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Standard Deviation	0.00	--	0.07	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD	5	--	54	57	0	0	0	0	0	0	0	0	0

Sample Description	p,p'-DDT µg/kg	Dieldrin µg/kg	alpha-Endosulfan µg/kg	beta-Endosulfan µg/kg	Endosulfan Sulphate µg/kg	Endrin µg/kg	Endrin ketone µg/kg	Endrin aldehyde µg/kg	Heptachlor µg/kg	Heptachlor epoxide µg/kg	Hexachlorobenzene µg/kg	Methoxychlor µg/kg	Mono-PCB congeners µg/kg	Di-PCB congeners µg/kg	Tri-PCB congeners µg/kg
SOH-3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5
SOH-X	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5
SOH-Y	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.5	2.5
Average	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	2.50	2.50	2.50
Standard Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Description	Tetra-PCB congeners µg/kg	Penta-PCB congeners µg/kg	Hexa-PCB congeners µg/kg	Hepta-PCB congeners µg/kg	Octa-PCB congeners µg/kg	Nona-PCB congeners µg/kg	Deca-PCB congeners µg/kg	Total PCB congeners µg/kg	Monobutyl tin µgSn/kg	Dibutyl tin µgSn/kg	Tributyl tin µgSn/kg	TOC
SOH-3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.25	4.6	3	0.05
SOH-X	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.25	6.4	6	0.05
SOH-Y	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.25	3.6	4.1	0.18
Average	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	0.25	4.87	4.37	0.09
Standard Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	1.52	0.08
% RSD	0	0	0	0	0	0	0	0	0	29	35	90