

Westsound Marina Sediment Results
Westsound Marina - Eastsound, WA

Parameter	Total Organic Carbon (TOC)	% Solids	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	Tributyltin	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[ghi]perylene	Benzo[fluoranthene	Chrysene	Dibenz[a,h]anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	PCB-1254	Phenanthrene	Polychlorinated biphenyls, Total	Pyrene	
Units (Dry Weight)	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Marine Sediment SCO ^a ^			57	5.1	260	390	450	0.41	6.1	410	-	16^	66^	220^	110^	99^	31^	230^	110^	12^	15^	160^	23^	34^	12^	100^	12^	1000^	
Dry Weight Results																													
WSM-070920-1A	1.9%	60.4%	2.9	1.2	7.6	13	3.1	0.024	0.030	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-1B	-	59.1%	-	-	-	-	-	-	-	-	-	0.13	0.46	0.51	3.8	2.0	0.81	12	8.7	0.15	*	27	0.25	0.99	-	3.7	-	18	
WSM-070920-2A	5.3%	57.6%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSM-070920-2B	-	56.1%	-	-	-	-	-	-	-	-	-	0.16	0.12	0.32	2.0	0.86	0.32	1.8	2.9	*	0.099	3.8	0.25	0.34	-	1.6	-	2.7	
WSM-070920-3A	3.1%	39.9%	6.6	1.7	19	49	12	0.049	0.080	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-3B	-	44.1%	-	-	-	-	-	-	-	-	-	*	0.21	*	0.80	0.54	0.31	1.7	1.9	*	*	6.1	*	0.29	-	0.94	-	4.2	
WSM-070920-4A	6.2%	38.4%	4.7	0.89	13	67	6.0	0.027	0.059	89	0.480	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-4B	-	47.5%	-	-	-	-	-	-	-	-	-	*	*	*	0.56	0.40	*	0.76	0.40	*	*	0.85	*	0.19	-	0.33	-	1.1	
WSM-070920-5A	3.2%	61.8%	4.8	0.7	13	380	6.0	0.028	0.077	62	0.250	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-5B	-	63.8%	-	-	-	-	-	-	-	-	-	*	*	*	0.39	0.27	*	0.54	0.15	*	*	0.66	*	*	-	*	-	0.55	
WSM-070920-6A	2.3%	53.4%	4.8	1.0	14	28	8.8	0.052	0.051	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-6B	-	53.2%	-	-	-	-	-	-	-	-	-	0.07	*	0.32	0.41	*	*	1.2	0.87	*	0.120	1.9	0.19	*	-	1.7	-	1.2	
WSM-070920-7A	1.6%	47.1%	10	1.4	17	32	7.0	0.076	0.075	55	0.021	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-7B	-	46.2%	-	-	-	-	-	-	-	-	-	0.12	*	0.50	*	0.34	*	0.96	0.86	*	*	3.0	0.21	*	-	2.4	-	2.2	
WSM-070920-8A	2.0%	37.0%	8.4	1.8	27	38	13	0.065	0.110	160	0.21	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12	-	0.12	-	
WSM-070920-8B	-	40.4%	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	0.88	*	*	-	0.32	-	1	
WSM-070920-9A	2.0%	40.9%	5.8	1.3	21	45	7.8	0.042	0.091	60	0.009	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-9B	-	43.1%	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	0.34	*	*	-	*	-	0.59	
WSM-070920-10A	1.6%	45.3%	6.3	1.1	22	24	7.8	0.040	0.084	86	0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-10B	-	40.1%	-	-	-	-	-	-	-	-	-	*	0.13	*	*	*	*	*	*	*	*	0.44	*	*	-	0.30	-	0.46	
WSM-070920-11A	1.9%	45.2%	5.7	0.95	20	25	7.5	0.063	0.087	80	0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-11B	-	47.8%	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	0.21	*	*	-	*	-	0.32	
WSM-070920-12A	1.8%	44.7%	5.7	1.2	21	25	7.5	0.040	0.071	68	0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-12B	-	44.4%	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	-	0.15	-	0.22	
Organic Carbon Normalized Value																													
WSM-070920-1A	1.9%	60.4%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-1B	-	59.1%										6.8	24.2	26.8	200	105	42.6	632	458	7.9	*	1421	13.2	52.1	-	195	-	947	
WSM-070920-2A	5.3%	57.6%										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSM-070920-2B	-	56.1%										3.0	2.3	6.0	37.7	16.2	6.0	34.0	54.7	*	1.9	71.7	4.7	6.4	-	30.2	-	50.9	
WSM-070920-3A	3.1%	39.9%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-3B	-	44.1%										*	6.8	*	25.8	17.4	10.0	54.8	61.3	*	*	197	*	9.4	-	30.3	-	135	
WSM-070920-4A	6.2%	38.4%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-4B	-	47.5%										*	*	*	9.0	6.5	*	12.3	6.5	*	*	13.7	*	3.1	-	5.3	-	17.7	
WSM-070920-5A	3.2%	61.8%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-5B	-	63.8%										*	*	*	12.2	8.4	*	16.9	4.7	*	*	20.6	*	*	-	*	-	17.2	
WSM-070920-6A	2.3%	53.4%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-6B	-	53.2%										3.2	*	13.9	17.8	*	*	52.2	37.8	*	5.2	82.6	8.3	*	-	73.9	-	52.2	
WSM-070920-7A	1.6%	47.1%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-7B	-	46.2%										7.5	*	31.3	*	21.3	*	60.0	53.8	*	*	188	13.1	*	-	150	-	138	
WSM-070920-8A	2.0%	37.0%										-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-	6.0	-	
WSM-070920-8B	-	40.4%										*	*	*	*	*	*	*	*	*	*	44.0	*	*	-	16.0	-	50.0	
WSM-070920-9A	2.0%	40.9%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-9B	-	43.1%										*	*	*	*	*	*	*	*	*	*	17.0	*	*	-	*	-	29.5	
WSM-070920-10A	1.6%	45.3%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-10B	-	40.1%										*	8.1	*	*	*	*	*	*	*	*	27.5	*	*	-	18.8	-	28.8	
WSM-070920-11A	1.9%	45.2%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-11B	-	47.8%										*	*	*	*	*	*	*	*	*	*	11.1	*	*	-	*	-	16.8	
WSM-070920-12A	1.8%	44.7%										-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	*	-	
WSM-070920-12B	-	44.4%										*	*	*	*	*	*	*	*	*	*	*	*	*	-	8.3	-	12.2	

Notes
Bold = Exceeds Marina Sediment SCO Standards
* = sample result was not reported at or above the MDL
^ = Carbon Normalized Standard
— = not applicable or not performed
a. = Marine values are dry weight normalized for metals and polar organics and normalized to total organic carbon for nonpolar organics