

Maine Environmental Laboratory Yachting Solutions Test Results

A1 A2 Max Min Mean s.d B1 B2 B3 B4 Max Min Mean s.d

	mg/kg					mg/kg								
TOTAL SOLIDS (%)	74.22	77.33	77.33	74.22	75.78	1.55	77.42	74.49	75.71	76.87	77.42	74.49	76.12	1.13
ARSENIC	20	28	28	20	24.0	4.0	17	20	17	19	20	17	18.25	1.30
CADMIUM	0.81	1.10	1.10	0.81	0.96	0.14	1.00	1.10	1.20	0.79	1.20	0.79	1.02	0.15
CHROMIUM	63	70	70	63	66.5	3.5	60	59	59	60	60	59	59.50	0.50
LEAD	12.0	6.6	12.0	6.6	9.3	2.7	4.8	6.7	5.3	6.0	6.7	4.8	5.7	0.72
MERCURY	0.1		0.1	0.1	0.1	0.0	0.027				0.027	0.027	0.027	0.000

	ng/kg					ng/kg								
2,3,7,8-TCDF	0.89	0.38	0.89	0.38	0.64	0.26	0.27	0.49	0.30	0.17	0.49	0.17	0.31	0.12
2,3,7,8-TCDD	0.36	0.22	0.36	0.22	0.29	0.07	0.35	0.26	0.29	0.22	0.35	0.22	0.28	0.05
1,2,3,7,8-PeCDF	0.37	0.11	0.37	0.11	0.24	0.13	0.19	0.20	0.17	0.12	0.20	0.12	0.17	0.03
2,3,4,7,8-PeCDF	0.08	0.10	0.10	0.08	0.09	0.01	0.16	0.16	0.14	0.07	0.16	0.07	0.13	0.04
1,2,3,7,8-PeCDD	0.11	0.16	0.16	0.11	0.14	0.02	0.27	0.19	0.22	0.14	0.27	0.14	0.21	0.05
1,2,3,4,7,8-HxCDF	0.39	0.21	0.39	0.21	0.30	0.09	0.15	0.22	0.12	0.13	0.22	0.12	0.16	0.04
1,2,3,6,7,8-HxCDF	0.30	0.19	0.30	0.19	0.25	0.06	0.17	0.24	0.14	0.11	0.24	0.11	0.17	0.05
2,3,4,6,7,8-HxCDF	0.52	0.20	0.52	0.20	0.36	0.16	0.20	0.28	0.14	0.10	0.28	0.10	0.18	0.07
1,2,3,7,8,9-HxCDF	0.33	0.22	0.33	0.22	0.28	0.05	0.37	0.34	0.25	0.19	0.37	0.19	0.29	0.07
1,2,3,4,7,8-HxCDD	0.80	0.24	0.80	0.24	0.52	0.28	0.23	0.42	0.23	0.31	0.42	0.23	0.30	0.08
1,2,3,6,7,8-HxCDD	0.46	0.24	0.46	0.24	0.35	0.11	0.27	0.31	0.22	0.34	0.34	0.22	0.29	0.04
1,2,3,7,8,9-HxCDD	0.33	0.21	0.33	0.21	0.27	0.06	0.28	0.29	0.20	0.26	0.29	0.20	0.26	0.03
1,2,3,4,6,7,8-HpCDF	0.52	0.31	0.52	0.31	0.42	0.11	0.33	0.28	0.17	0.24	0.33	0.17	0.26	0.06
1,2,3,4,7,8,9-HpCDF	0.43	0.19	0.43	0.19	0.31	0.12	0.57	0.44	0.24	0.30	0.57	0.24	0.39	0.13
1,2,3,4,6,7,8-HpCDD	0.31	0.38	0.38	0.31	0.35	0.04	0.68	0.56	0.46	0.37	0.68	0.37	0.52	0.12
OCDF	0.43	0.32	0.43	0.32	0.38	0.05	0.82	0.68	0.72	0.41	0.82	0.41	0.66	0.15
OCDD	0.24	0.34	0.34	0.24	0.29	0.05	1.00	1.20	0.77	0.37	1.20	0.37	0.84	0.31
Total TCDF	0.89	0.38	0.89	0.38	0.64	0.26	0.27	0.49	0.30	0.17	0.49	0.17	0.31	0.12
Total TCDD	0.36	0.22	0.36	0.22	0.29	0.07	0.35	0.26	0.29	0.22	0.35	0.22	0.28	0.05
Total PeCDF	0.22	0.11	0.22	0.11	0.17	0.05	0.18	0.18	0.15	0.10	0.18	0.10	0.15	0.03
Total PeCDD	0.11	0.16	0.16	0.11	0.14	0.02	0.27	0.19	0.22	0.14	0.27	0.14	0.21	0.05
Total HxCDF	0.38	0.21	0.38	0.21	0.30	0.09	0.22	0.27	0.16	0.13	0.27	0.13	0.20	0.05
Total HxCDD	0.53	0.23	0.53	0.23	0.38	0.15	0.26	0.34	0.22	0.30	0.34	0.22	0.28	0.04
Total HpCDF	0.48	0.25	0.48	0.25	0.37	0.12	0.45	0.36	0.20	0.27	0.45	0.20	0.32	0.09
Total HpCDD	0.31	0.38	0.38	0.31	0.35	0.04	0.68	0.56	0.46	0.37	0.68	0.37	0.52	0.12

Pace Metals Results

----- Marina Basin A -----

Parameter	Reporting Limit	Conc,		Conc,	
		Site	(mg/kg)	Site	(mg/kg)
TOTAL SOLIDS (%)	0.01	A1	74.22	A2	77.33
ARSENIC	1.4	A1	20	A2	28
CADMIUM	1.4	A1	0.81 (J)	A2	1.1 (J)
CHROMIUM	4.1	A1	63	A2	70
LEAD	4.1	A1	12	A2	6.6
MERCURY	0.068	A1	0.10	A2	n.d.

----- Marina Basin B -----

Parameter	Reporting Limit	Conc,		Conc,		Conc,		Conc,	
		Site	(mg/kg)	Site	(mg/kg)	Site	(mg/kg)	Site	(mg/kg)
TOTAL SOLIDS (%)	0.01	B1	77.42	B2	74.49	B3	75.71	B4	76.87
ARSENIC	1.4	B1	17	B2	20	B3	17	B4	19
CADMIUM	1.4	B1	1 (J)	B2	1.1 (J)	B3	1.2 (J)	B4	0.79 (J)
CHROMIUM	4.1	B1	60	B2	59	B3	59	B4	60
LEAD	4.1	B1	4.8	B2	6.7	B3	5.3	B4	6
MERCURY	0.068	B1	0.027 (J)	B2	n.d.	B3	n.d.	B4	n.d.

Pace Dioxin Results

Site	Parameter	Report Limit	Conc. ng/kg	Conc. Site	ng/kg	Conc. Site	ng/kg	Conc. Site	ng/kg	Conc. Site	ng/kg		
----- Marina Basin A -----						----- Marina Basin B -----							
A1	2,3,7,8-TCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	2,3,7,8-TCDD-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,7,8-PeCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	2,3,4,7,8-PeCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,7,8-PeCDD-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,4,7,8-HxCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,6,7,8-HxCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	2,3,4,6,7,8-HxCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,7,8,9-HxCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,4,7,8-HxCDD-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,6,7,8-HxCDD-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,4,6,7,8-HpCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,4,7,8,9-HpCDF-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	1,2,3,4,6,7,8-HpCDD-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	OCDD-13C			A2		B1	n.d	B2	n.d	B3		B4	
A1	2,3,7,8-TCDF	1	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	2,3,7,8-TCDD	1	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,7,8-PeCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	2,3,4,7,8-PeCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,7,8-PeCDD	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,4,7,8-HxCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,6,7,8-HxCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	2,3,4,6,7,8-HxCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,7,8,9-HxCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,4,7,8-HxCDD	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,6,7,8-HxCDD	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,7,8,9-HxCDD	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,4,6,7,8-HpCDF	5	29	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,4,7,8,9-HpCDF	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	1,2,3,4,6,7,8-HpCDD	5	66	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	OCDF	10	48	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	OCDD	10	510	A2	15	B1	n.d	B2	24	B3	n.d	B4	n.d
A1	Total TCDF	1	2.3	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total TCDD	1	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total PeCDF	5	7	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total PeCDD	5	n.d	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total HxCDF	5	16	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total HxCDD	5	45	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total HpCDF	5	98	A2	n.d	B1	n.d	B2	n.d	B3	n.d	B4	n.d
A1	Total HpCDD	5	140	A2	6	B1	n.d	B2	n.d	B3	n.d	B4	n.d

Pace Hexavalent Chromium Results

----- Marina Basin A -----

Site	Hexavalent Chromium	
	(mg/kg)	Total Solids (%)
A1	1.12	0.1
A2	1.08	0.1

----- Marina Basin B -----

Site	Hexavalent Chromium	
	(mg/kg)	Total Solids (%)
B1	1.04	0.1
B2	1.07	0.1
B3	1.09	0.1
B4	1.08	0.1

