Swan Lake 5/18/09: "Dermo" (*Perkinsus marinus*) Infections, Meat Index of Oysters and Phytoplankton Data

		Station Number	1	2	3	4	5	6a	6b	7	8	9**	10	11*(5/21/09)
	Physical conditions	Salinity (‰)	ND	23.1	20.1	17.0	17.5	ND	ND	ND	ND	19.1	17.3	ND
		Temperature (°C)	ND	21.9	22.9	25.1	23.9	ND	ND	ND	ND	23.4	21.8	ND
Dermo/ Oyster Data	Market Sized Oysters	Prevalence (%)	80.00	100.00	80.00	80.00	80.00	90.00	ND	100.00	90.00	ND	90.00	ND
		Weighted Prevalence	1.70	2.57	1.50	1.76	1.57	1.60	ND	2.07	2.46	ND	1.54	ND
		Oyster Meat Index (Average 10 Market Oysters)	13.96	11.92	11.29	15.21	14.01	13.59	ND	13.34	12.45	ND	12.89	11.83
	Spat	No. Spat/Shell	ND	1.20	0.64	0.86	1.56	2.35	1.33	ND	1.47	ND	ND	0.07
		Prevalence (%)	ND	77.77	30.00	30.00	40.00	90.00	0.00	ND	20.00	ND	ND	ND
		Weighted Prevalence	ND	1.78	0.47	0.53	0.73	2.27	0.00	ND	0.01	ND	ND	ND
Phyto-plankton Data	Algal group Abundance (µg Chl a per liter)	Brown Algae	17.46	7.04	10.19	9.98	11.56	20.88	ND	4.95	5.99	14.81	4.71	5.89
		Cyano-bacteria	0.71	0.64	0.56	0.49	0.90	1.26	ND	0.24	0.31	0.60	0.29	0.26
		Green Algae	0.32	0.19	0.18	0.19	0.86	1.05	ND	0.84	0.57	0.82	0.57	0.23
		Euglenoids	2.17	1.89	1.99	1.91	2.08	3.80	ND	1.06	1.11	2.50	0.81	1.01
		Crypto-phytes	0.98	1.02	0.80	0.85	0.90	1.72	ND	0.64	0.62	1.37	0.49	0.49
		Red Algae	1.01	0.86	1.32	0.75	0.94	2.13	ND	0.29	0.47	2.02	0.46	0.76

No data is indicated by ND

* Station 11 is high salinity control in West Galveston Bay

** No oysters collected at station 9

*** Phytoplankton with the highest abundance highlighted in blue

**** Station 6 had 2 spat bags

Brown Algae	Diatoms and Dinflagellates
Cyano-bacteria	Blue-green algae
Green Algae	Prasinophytes and Chlorophytes
Euglenoids	Euglena
Crypto-phytes	"
Red Algae	Hapatophytes A, Chrysophytes A, Dinoflagellates C and Others

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