

Nauset Estuary/Cape Cod Bay Samples – draft worksheet - DO field measurements - 2018

Personnel Contacts

RECEIVED	RECEIVED
Town of Orleans, Carolyn Kennedy, M&FWQ Committee	Name
Time:	Date Time
COLLECTED	CONTACT
Samplers	Town of Orleans, Planning Dept, George Meservey
	508-240-3700 x435

Special notes:

“Surface” reading 0.5 m below surface. “Bottom” reading taken 0.5 m above the bottom.

Below DO standard of 5.0 mg/l. Potential algae bloom. Readings approaching zero mg/l.

Sample Status

Sample ID/ Date	7/3 AM	7/17 AM	8/1 AM	8/15 AM	8/30 AM
WMO 15 – mid Rock Harbor	6.71	4.40	5.30	4.41	3.50
WMO 19 - mid Little Namskaket	6.28	5.64	5.07	6.00	5.32
WMO 22 – mid Namskaket	6.21	6.38	5.34	6.18	4.80
WMO 25 - surface Head of Town Cove	11.6	9.10	7.63	6.92	7.64
WMO 25 - bottom Head of Town Cove	2.28	4.51	0.22	0.33	0.28
WMO 26 – mid Mid Town Cove	7.78	8.95	6.13	5.27	6.70
WMO 27 - mid Town Cove	9.58	8.75	7.62	7.01	6.81
WMO 30 – mid Off Stony Island	8.69	9.80	8.95	9.08	7.60

WMO 31 – mid Woods Cove	ND	8.10	6.58	7.22	7.49
WMO 32 –mid Marsh Channel	8.40	8.75	8.75	9.10	7.70
WMO 33 – mid Outer Mill Pond	ND	7.53	8.58	6.63	6.72
WMO 34 - surface Mill Pond	10.4	ND	10.80	7.51	8.35
WMO 34 - bottom Mill Pond	ND	ND	“under”	“under”	“under”
WMO 35 - mid Little Cove	7.75	7.65	8.89	6.34	6.52

Eastham stations

WMO 28 – mid TC channel marker #9	7.66	8.30	7.40	6.42	6.11
WMO 29 – mid Near channel marker #6	6.73	8.50	7.54	6.79	6.43
WMO 36 – mid Off Hemenway Landing east side of channel	8.75	9.7	8.65	8.35	7.5
WMO37 – mid Salt Pond Bay	8.08	9.35	8.24	8.16	7.38
WMO 38 – surface Salt Pond basin	10.01	8.52	8.4	6.16	5.6
WMO 38 – bottom Salt Pond basin	0.42	5.85	1.92	3.90	0.13
WMO 39 – mid Nauset Bay basin	7.18	8.2	6.72	7.68	5.71