
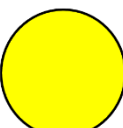

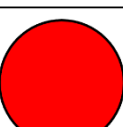
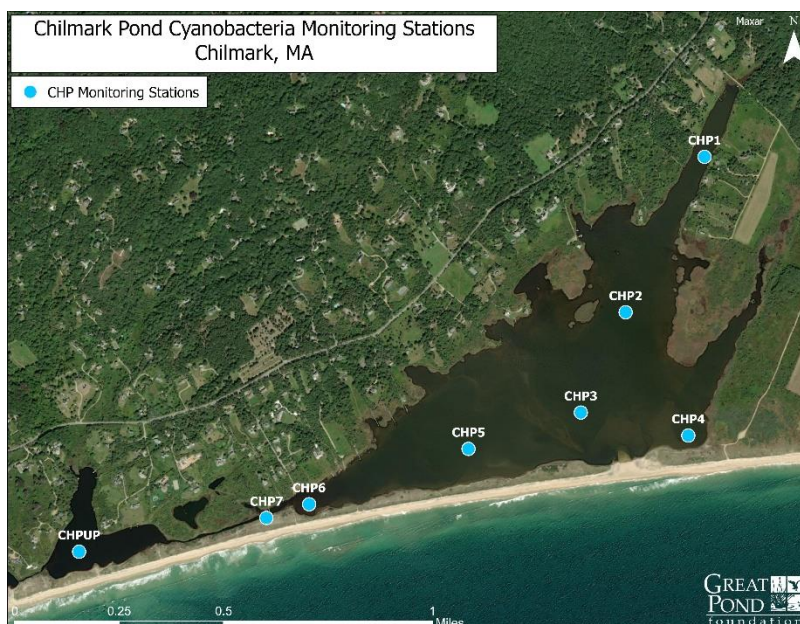




MV CYANO 2021 data for Chilmark Pond

Samples collected and analyzed by Great Pond Foundation using a bbe Moldaenke Fluoroprobe II.
For more information, please see www.greatpondfoundation.org/mvcyano

GREEN		<p style="text-align: center;">BLOOM NOT PRESENT</p> <p>Conditions are not favorable for a Cyanobacterial Bloom.</p> <p>OK: Swimming, boating, paddling, wading, fishing, and consuming shellfish, crabs, of finfish. No known cyanobacteria risks to humans, pets, and livestock.</p>
YELLOW		<p style="text-align: center;">CYANOBACTERIA ALERT</p> <p>It is the season where Cyanobacterial Blooms are possible.</p> <p>OK: Swimming, boating, paddling, wading, fishing, and consuming shellfish, crabs, of finfish.</p> <p>USE CAUTION: risk to humans/pets/ livestock when ingesting water.</p>
ORANGE		<p style="text-align: center;">CYANOBACTERIA BLOOM WATCH</p> <p>OK: Boating.</p> <p>USE CAUTION: risk for swimming, paddling, and wading, fishing.</p> <p>ADVISE AGAINST: humans/pets/livestock ingestion of water, consuming shellfish, crabs, or finfish.</p>
RED		<p style="text-align: center;">CYANOBACTERIA BLOOM ADVISORY</p> <p>There is an active Cyanobacteria bloom, cyanotoxins may be present.</p> <p>OK: Boating.</p> <p>ADVISE AGAINST: pets/livestock/human ingestion of water, fishing, consuming shellfish or finfish, swimming, paddling, and wading.</p>



Station	Pond	Date	Bluegreen (ug/L)	Bluegreen (cells/mL)	TotalChlorophyll (ug/L)	Temp (°C)	Temp (°F)	Salinity (ppt)	MV CYANO
CHP01	CHP	6/8/2021	0.00	0	14.48	21.6	70.88	12.27	green
CHP02	CHP	6/8/2021	0.26	256	9.87	21.5	70.70	13.93	green
CHP03	CHP	6/8/2021	0.00	0	11.26	21.6	70.88	14	green
CHP04	CHP	6/8/2021	0.00	0	9.89	21.4	70.52	14.12	green
CHP05	CHP	6/8/2021	0.00	0	12.46	21.5	70.70	13.83	green
CHP06	CHP	6/8/2021	0.68	681	13.77	21.7	71.06	12.57	green
CHP07	CHP	6/8/2021	3.06	3060	25.22	22	71.60	13.6	green
CHPUP	CHP	6/8/2021	5.13	10187	31.8	21.9	71.42	0.82	yellow
CHP01	CHP	6/15/2021	6.58	6582	17.95	22.60	72.68	13.27	yellow
CHP02	CHP	6/15/2021	6.42	6420	16.95	22.00	71.60	13.22	yellow
CHP03	CHP	6/15/2021	6.29	6288	16.26	21.90	71.42	13.27	yellow
CHP04	CHP	6/15/2021	5.79	5789	13.87	21.40	70.52	13.42	yellow
CHP05	CHP	6/15/2021	6.31	6314	18.17	22.10	71.78	13.25	yellow
CHP06	CHP	6/15/2021	1.52	1524	5.20	22.30	72.14	13.25	green
CHP07	CHP	6/15/2021	1.06	1062	4.69	22.50	72.50	13.29	green
CHPUP	CHP	6/15/2021	0.89	894	9.98	21.50	70.70	0.96	green
CHP01	CHP	6/23/2021	3.92	3915	8.54	23	73.4	12.42	yellow
CHP02	CHP	6/23/2021	4.19	4191	9.95	22.8	73.04	12.72	yellow
CHP03	CHP	6/23/2021	4.67	4674	12.41	22.7	72.86	12.83	yellow
CHP04	CHP	6/23/2021	3.92	2916	9.87	21.8	71.24	12.72	yellow
CHP05	CHP	6/23/2021	5.32	5322	14.52	22.9	73.22	12.49	yellow

CHP06	CHP	6/23/2021	5.31	5307	14.88	22.9	73.22	11.64	yellow
CHP07	CHP	6/23/2021	1.53	1527	5.64	23.9	75.02	12.24	green
CHPUP	CHP	6/23/2021	1.13	1129	6.15	22.3	72.14	1.54	green
CHP01	CHP	6/29/2021	2.85	2850	6.46	24.60	76.28	11.72	yellow
CHP02	CHP	6/29/2021	2.19	2191	5.32	24.30	75.74	12.41	yellow
CHP03	CHP	6/29/2021	1.98	1983	7.99	24.5	76.10	12.4	yellow
CHP04	CHP	6/29/2021	1.90	1904	7.71	24.09	75.36	12.4	yellow
CHP05	CHP	6/29/2021	1.46	1458	8.36	24.5	76.10	12.24	yellow
CHP06	CHP	6/29/2021	1.22	1219	9.38	24.3	75.74	9.7	yellow
CHP07	CHP	6/29/2021	1.76	1758	10.84	24.3	75.74	7.26	yellow
CHPUP	CHP	6/29/2021	1.50	1498	5.44	24.7	76.46	1.95	yellow
CHP01	CHP	7/7/2021	6.24	6245	8.90	23.10	73.58	11.43	yellow
CHP02	CHP	7/7/2021	6.91	6906	9.37	22.60	72.68	11.69	yellow
CHP03	CHP	7/7/2021	7.21	7208	10.02	22.8	73.04	11.7	yellow
CHP04	CHP	7/7/2021	6.67	6674	10.91	22.3	72.14	11.44	yellow
CHP05	CHP	7/7/2021	7.23	7225	11.49	22.7	72.86	11.6	yellow
CHP06	CHP	7/7/2021	6.48	6478	9.58	22.7	72.86	11.12	yellow
CHP07	CHP	7/7/2021	2.79	2791	13.91	23.1	73.58	11.4	yellow
CHPUP	CHP	7/7/2021	0.00	0	16.24	23	73.4	1.41	green
CHP01	CHP	7/14/2021	10.88	10878	16.44	23.30	73.94	10.54	orange
CHP02	CHP	7/14/2021	9.10	9099	15.72	23.40	74.12	10.76	yellow
CHP03	CHP	7/14/2021	8.63	8630	13.22	23.3	73.94	10.76	yellow
CHP04	CHP	7/14/2021	9.14	9138	14.47	23.3	73.94	10.76	yellow
CHP05	CHP	7/14/2021	9.36	9357	15.3	23.2	73.76	10.7	yellow
CHP06	CHP	7/14/2021	2.01	2014	10.88	23.8	74.84	9.39	yellow
CHP07	CHP	7/14/2021	1.76	1759	11.6	23	73.4	2.14	yellow
CHPUP	CHP	7/14/2021	0.93	931	17	22.8	73.04	0.97	yellow
CHP01	CHP	7/20/2021	10.49	10489	17.70	26.20	79.16	10.17	orange
CHP02	CHP	7/20/2021	9.57	9568	19.50	25.80	78.44	10.30	yellow
CHP03	CHP	7/20/2021	10.15	10151	19.9	25.8	78.44	10.36	orange
CHP04	CHP	7/20/2021	9.11	9225	15.89	25.1	77.18	10.27	yellow
CHP05	CHP	7/20/2021	9.42	9420	19.23	25.6	78.08	10.17	yellow
CHP06	CHP	7/20/2021	7.73	7733	20.59	26.3	79.34	10.18	yellow
CHP07	CHP	7/20/2021	0.93	929	20.99	25.6	78.08	8.95	yellow
CHPUP	CHP	7/20/2021	0.18	176	30.7	25.5	77.9	2	yellow
CHP01	CHP	7/27/2021	6.63	6631	12.12	25.20	77.36	9.88	yellow
CHP02	CHP	7/27/2021	9.86	9860	18.17	24.60	76.28	10.17	yellow
CHP03	CHP	7/27/2021	11.00	10999	18.71	24.60	76.28	10.16	orange
CHP04	CHP	7/27/2021	10.19	10189	17.43	24.10	75.38	10.18	orange
CHP05	CHP	7/27/2021	8.74	8738	15.10	24.40	75.92	9.89	yellow
CHP06	CHP	7/27/2021	9.63	9632	17.68	24.80	76.64	9.61	yellow
CHP07	CHP	7/27/2021	1.29	1289	17.34	25.00	77.00	3.19	yellow
CHPUP	CHP	7/27/2021	0.00	0	17.04	24.90	76.82	1.61	green
CHP01	CHP	8/3/2021	5.25	5246	16.42	24.90	76.82	9.61	yellow
CHP02	CHP	8/3/2021	6.69	6694	17.44	24.50	76.10	9.88	yellow

CHP03	CHP	8/3/2021	6.38	6384	14.10	24.20	75.56	9.87	yellow
CHP04	CHP	8/3/2021	5.76	5757	14.71	23.70	74.66	9.87	yellow
CHP05	CHP	8/3/2021	6.51	6505	13.72	24.30	75.74	9.79	yellow
CHP06	CHP	8/3/2021	3.99	3986	9.54	24.60	76.28	9.21	yellow
CHP07	CHP	8/3/2021	1.57	1574	9.72	23.20	73.76	2.28	yellow
CHPUP	CHP	8/3/2021	0.00	0	16.99	24.10	75.38	1.69	green
CHP01	CHP	8/3/2021	5.25	5246	16.42	24.90	76.82	9.61	yellow
CHP02	CHP	8/3/2021	6.69	6694	17.44	24.50	76.10	9.88	yellow
CHP03	CHP	8/3/2021	6.38	6384	14.10	24.20	75.56	9.87	yellow
CHP04	CHP	8/3/2021	5.76	5757	14.71	23.70	74.66	9.87	yellow
CHP05	CHP	8/3/2021	6.51	6505	13.72	24.30	75.74	9.79	yellow
CHP06	CHP	8/3/2021	3.99	3986	9.54	24.60	76.28	9.21	yellow
CHP07	CHP	8/3/2021	1.57	1574	9.72	23.20	73.76	2.28	yellow
CHPUP	CHP	8/3/2021	0.00	0	16.99	24.10	75.38	1.69	green
CHP01	CHP	8/10/2021	7.11	7107	18.25	24.70	76.46	9.05	yellow
CHP02	CHP	8/10/2021	6.76	6761	18.23	25.00	77.00	9.23	yellow
CHP03	CHP	8/10/2021	6.98	6983	17.04	24.90	76.82	9.12	yellow
CHP04	CHP	8/10/2021	5.44	5436	15.50	24.40	75.92	8.50	yellow
CHP05	CHP	8/10/2021	7.19	7193	16.94	25.10	77.18	9.01	yellow
CHP06	CHP	8/10/2021	4.73	4733	21.21	25.40	77.72	9.12	yellow
CHP07	CHP	8/10/2021	0.00	0	24.93	25.10	77.18	4.95	green
CHPUP	CHP	8/10/2021	0.00	0	26.14	24.60	76.28	1.21	green
CHP01	CHP	8/17/2021	7.54	7539	17.80	25.2	77.36	8.75	yellow
CHP02	CHP	8/17/2021	9.27	9271	20.66	25.3	77.54	8.94	yellow
CHP03	CHP	8/17/2021	8.56	8563	19.39	25.4	77.72	8.88	yellow
CHP04	CHP	8/17/2021	8.74	8736	18.93	24.9	76.82	9.04	yellow
CHP05	CHP	8/17/2021	7.34	7338	17.19	25.5	77.90	8.88	yellow
CHP06	CHP	8/17/2021	7.95	7948	18.61	25.2	77.36	8.08	yellow
CHP07	CHP	8/17/2021	2.19	2195	10.42	25.5	77.90	8.1	yellow
CHPUP	CHP	8/17/2021	1.18	1185	13.05	24.6	76.28	1.24	yellow
CHP01	CHP	8/26/2021	5.96	5964	17.12	26.9	80.42	9.82	yellow
CHP02	CHP	8/26/2021	6.93	6928	17.32	26.8	80.24	10.06	yellow
CHP03	CHP	8/26/2021	7.36	7359	16.27	26.1	78.98	10.03	yellow
CHP04	CHP	8/26/2021	7.07	7072	16.65	25.8	78.44	10.15	yellow
CHP05	CHP	8/26/2021	7.13	7127	16.33	26	78.80	9.85	yellow
CHP06	CHP	8/26/2021	5.29	5287	19.55	26.4	79.52	9.68	yellow
CHP07	CHP	8/26/2021	0.00	0	19.49	26.5	79.70	9.88	green
CHPUP	CHP	8/26/2021	0.00	0	21.94	26.2	79.16	2.09	green
CHP01	CHP	8/31/2021	5.25	5246	29.93	25.40	77.72	9.84	yellow
CHP02	CHP	8/31/2021	7.18	7177	28.55	25.10	77.18	9.91	yellow
CHP03	CHP	8/31/2021	7.82	7822	31.45	24.90	76.82	9.92	yellow
CHP04	CHP	8/31/2021	7.15	7148	29.57	24.80	76.64	9.96	yellow
CHP05	CHP	8/31/2021	7.65	7651	28.36	24.80	76.64	9.79	yellow
CHP06	CHP	8/31/2021	6.27	6269	33.24	24.90	76.82	9.82	yellow
CHP07	CHP	8/31/2021	5.35	5354	32.72	23.90	75.02	9.40	yellow

CHPUP	CHP	8/31/2021	0.00	0	17.30	24.90	76.82	2.54	green
CHP01	CHP	9/7/2021	7.06	7062	16.62	22.40	72.32	8.75	yellow
CHP02	CHP	9/7/2021	8.45	8446	15.55	22.20	71.96	9.04	yellow
CHP03	CHP	9/7/2021	8.19	8190	17.53	22.30	72.14	9.07	yellow
CHP04	CHP	9/7/2021	6.74	6739	14.83	21.50	70.70	8.70	yellow
CHP05	CHP	9/7/2021	7.66	7658	14.71	22.10	71.78	8.93	yellow
CHP06	CHP	9/7/2021	4.12	4119	22.69	22.70	72.86	8.78	yellow
CHP07	CHP	9/7/2021	0.00	0	26.09	22.90	73.22	8.16	green
CHPUP	CHP	9/7/2021	0.00	0	31.8	22.00	71.60	1.78	green
CHP01	CHP	9/14/2021	2.16	2163	21.36	22.60	72.68	7.91	yellow
CHP02	CHP	9/14/2021	2.61	2606	21.37	22.90	73.22	8.08	yellow
CHP03	CHP	9/14/2021	3.59	3593	20.43	22.70	72.86	8.07	yellow
CHP04	CHP	9/14/2021	3.97	3974	21.04	22.70	72.86	8.04	yellow
CHP05	CHP	9/14/2021	3.38	3375	21.07	22.80	73.04	8.07	yellow
CHP06	CHP	9/14/2021	2.57	2572	21.66	22.20	71.96	7.16	yellow
CHP07	CHP	9/14/2021	0.52	525	35.83	23.20	73.76	7.43	yellow
CHPUP	CHP	9/14/2021	0.00	0	53.14	22.50	72.50	1.45	green
CHPUP_N	CHP	9/14/2021	0.00	0	53.63	21.40	70.52	1.19	green
CHPUP_E	CHP	9/14/2021	0.00	0	52.47	22.90	73.22	1.61	green
CHPUP_W	CHP	9/14/2021	0.00	0	45.75	22.5	72.50	1.119	green
CHP01	CHP	9/20/2021	5.33	5331	34.76	21.90	71.42	7.83	yellow
CHP02	CHP	9/20/2021	5.94	5941	31.91	22.10	71.78	7.91	yellow
CHP03	CHP	9/20/2021	6.48	6483	29.60	21.90	71.42	7.90	yellow
CHP04	CHP	9/20/2021	6.67	6672	30.11	21.50	70.70	7.90	yellow
CHP05	CHP	9/20/2021	4.09	4091	28.28	22.10	71.78	7.74	yellow
CHP06	CHP	9/20/2021	3.63	3634	27.96	23.10	73.58	7.75	yellow
CHP07	CHP	9/20/2021	1.23	1231	26.62	23.50	74.30	7.58	yellow
CHPUP	CHP	9/20/2021	0.00	0	46.88	21.10	69.98	1.35	green
CHP01	CHP	10/6/2021	0.41	414	34.47	17.80	64.04	6.95	green
CHP02	CHP	10/6/2021	0.53	532	33.71	17.70	63.86	7.11	yellow
CHP03	CHP	10/6/2021	0.51	510	33.04	17.60	63.68	7.09	yellow
CHP04	CHP	10/6/2021	0.74	744	28.19	17.60	63.68	7.12	yellow
CHP05	CHP	10/6/2021	0.15	153	35.22	17.60	63.68	7.04	green
CHP06	CHP	10/6/2021	0.07	73	34.80	16.90	62.42	3.95	green
CHP07	CHP	10/6/2021	2.26	2261	37.74	17.80	64.04	2.00	yellow
CHPUP	CHP	10/6/2021	1.10	1098	35.80	17.40	63.32	0.99	yellow