

CSHH Water-Monitoring Program 2019

Date	Water Temp (°C)		Salinity (ppt)		DO (ppm)		pH (ppm)		Air Temp	Secchi	Chlor a (mg/l)		Turbidity (NTU)		Depth(m)	Time
	Surface*	Bottom**	Surface	Bottom	Surface	Bottom	Surface	Bottom	(°C)	(m)	Surface	Bottom	Surface	Bottom	(Total)***	(AM)

Red numbers indicate that the readings were unusually low or high but reflect station conditions.

Green lines indicate replicate surveys.

Purple lines indicate survey using YSI Pro Plus.

Highlighted numbers indicate possible equipment malfunction.

*Sonde surface levels are taken at a half meter below the surface.

**Bottom levels are read by the sonde depth sensor, which is 0.3 m off the harbor floor.

***Total depth accounts for the 0.3 m distance between the Eureka sonde depth sensor and the harbor floor.

CSHH #1 - Beacon 11																
10/30/19	15.78	15.79	25.47	25.72	7.96	6.97	7.70	7.69	15.9	1.5	9.49	5.64	2.60	4.47	3.25	8:57
10/30/19	15.77	15.79	25.46	25.70	6.84	6.87	7.69	7.70			9.31	5.78	2.44	4.11	3.28	9:06
10/23/19	15.53	15.82	25.75	26.28	8.41	8.16	7.93	7.91	15.5	2.0	20.41	26.64	1.71	2.71	4.91	9:03
10/23/19	15.49	15.76	25.67	26.11	8.47	8.29	7.92	7.92			16.74	25.55	2.12	2.14	4.02	9:12
10/16/19	16.59	16.76	25.20	25.41	8.76	8.72	7.71	7.73	13.7	1.3	30.10	34.59	3.51	1.67	2.96	7:20
10/16/19	16.60	16.76	25.19	25.41	8.80	8.80	7.72	7.73			28.80	32.21	2.60	3.33	3.06	8:02
10/11/19	16.81	16.84	23.14	23.11	7.68	7.62	7.72	7.71	13.6	1.75	14.44	14.31	2.31	2.50	5.16	7:50
10/11/19	16.81	16.84	23.08	23.10	7.63	7.65	7.72	7.72			12.62	14.26	2.47	3.08	5.18	8:02
9/25/19	21.28	21.74	25.43	25.64	7.64	7.21	7.74	7.78	17.5	1.0	119.07	40.10	2.53	3.32	4.87	8:05
9/25/19	21.28	21.69	25.22	25.52	7.50	7.16	7.83	7.79			148.04	46.73	2.85	4.13	5.33	8:14
9/18/19	21.6	21.8	24.95	25.28	5.65	5.02	7.53	7.51	17.5	1.1	N/A	N/A	N/A	N/A	3.5	8:00
9/18/19	21.6	21.8	24.93	25.26	5.26	4.91	7.49	7.51			N/A	N/A	N/A	N/A	3.5	
9/11/19	21.90	22.16	25.72	26.19	5.48	4.45	7.48	7.47	22.2	1.1	42.02	19.42	3.02	2.73	3.67	7:41
9/11/19	21.94	22.17	25.82	26.21	4.79	4.57	7.48	7.48			40.52	16.51	2.27	2.89	3.72	
9/4/19	23.03	23.02	25.20	25.20	4.80	4.68	7.35	7.35	23.1	1.0	46.12	56.70	4.75	4.81	2.28	7:57
9/4/19	23.01	23.02	25.11	25.13	4.68	4.69	7.35	7.34			45.64	54.47	4.01	4.69	2.32	

8/28/19	22.99	22.82	25.70	26.04	3.54	3.00	7.40	7.37	22.6	1.4	45.46	23.99	1.78	2.05	4.81	7:48
8/28/19	23.00	22.84	25.69	26.05	3.47	2.96	7.41	7.36			42.44	24.59	1.75	1.95	4.81	
8/22/19	24.14	23.97	25.54	25.77	3.49	2.12	7.23	7.21	25.2	1.0	35.51	34.21	2.97	3.66	3.67	7:50
8/22/19	24.13	24.09	25.39	25.60	2.32	2.18	7.21	7.21			37.83	32.53	2.99	2.94	3.58	
8/14/19	22.73	22.18	25.21	25.80	1.92	0.27	7.19	7.12	23.1	1.5	64.89	16.14	2.03	4.27	3.63	7:50
8/14/19	22.74	22.17	25.17	25.83	1.17	0.38	7.16	7.13			52.93	16.46	2.11	4.78	3.43	
8/7/19	22.56	22.53	25.12	25.30	2.34	1.96	7.18	7.17	24.2	1.25	29.06	27.80	2.32	2.24	4.07	7:56
8/7/19	22.51	22.46	25.32	25.36	1.96	1.83	7.17	7.17			29.47	29.09	2.41	2.17	3.96	
7/31/19	22.67	20.66	24.84	25.52	4.70	0.32	7.38	7.20	27.1	1.25	63.86	16.02	3.59	2.24	4.00	8:10
7/31/19	22.69	20.62	24.85	25.62	2.55	0.58	7.34	7.20			68.32	16.76	2.86	2.35	4.07	
7/24/19	22.85	21.60	23.85	25.00	3.32	1.67	7.31	7.22	21.9	1.25	14.46	9.21	1.90	1.29	4.16	8:00
7/24/19	23.20	21.69	22.72	24.96	2.35	1.86	7.29	7.23			26.70	9.68	2.13	1.14	4.12	
7/17/19	21.82	20.82	25.03	25.34	3.54	2.14	7.26	7.18	26.5	1.0	69.18	32.78	2.96	2.20	2.97	7:48
7/17/19	21.70	20.69	25.04	25.46	3.11	2.34	7.24	7.19			62.42	38.41	2.74	2.84	3.00	
7/10/19	21.15	19.73	24.76	25.21	6.44	4.76	7.55	7.37	22.5	1.25	56.10	43.20	3.15	2.39	4.90	8:10
7/10/19	21.02	19.83	24.78	25.19	5.19	5.17	7.44	7.41			51.08	48.48	3.43	4.12	4.88	8:17
7/3/19	20.88	17.79	24.17	25.11	7.25	3.72	7.76	7.37	24.3	1.1	61.07	84.73	3.37	3.60	3.61	8:02
7/3/19	21.13	17.91	24.10	25.07	6.86	4.74	7.77	7.42			62.91	84.11	3.95	5.90	3.60	
6/26/19	20.25	19.06	23.06	23.63	7.04	5.22	7.75	7.58	20.7	1.3	19.82	18.15	1.40	5.56	5.37	8:00
6/26/19	20.27	19.06	23.08	23.65	5.98	5.21	7.72	7.58			19.13	17.64	1.30	7.82	5.34	
6/19/19	18.86	18.63	23.11	23.45	6.10	5.03	7.09	7.12	20.7	1.2	17.90	16.65	4.44	9.44	3.39	7:48
6/19/19	18.93	18.65	23.09	23.49	5.40	5.01	7.09	7.11			20.89	17.92	4.48	7.92	3.27	8:00
6/12/19	18.03	17.57	23.28	23.87	9.08	8.03	7.99	7.89	19.5	1.25	19.26	28.23	3.15	7.93	4.68	9:10
6/12/19	17.92	17.57	23.29	23.89	8.63	7.98	7.97	7.88			24.42	27.92	2.71	4.33	4.64	
6/5/19	17.53	17.49	22.43	22.54	10.02	10.25	8.24	8.26	19.7	1.0	40.80	56.44	3.65	3.28	2.24	7:51
6/5/19	17.57	17.51	22.32	22.51	10.20	10.12	8.22	8.24			51.21	50.84	3.31	2.92	2.19	
5/29/19	15.85	13.31	23.20	24.07	10.35	9.56	8.04	7.68	13.8	1.5	45.05	25.50	1.40	3.32	6.37	8:00
5/29/19	15.84	13.64	23.19	23.92	10.15	10.11	8.07	7.74			53.04	37.43	1.37	2.37	6.32	8:17
5/22/19	16.13	15.99	22.10	22.41	9.49	9.87	8.07	8.12	16.0	1.1	10.31	35.68	4.09	3.80	3.45	8:01
5/22/19	16.15	15.99	22.07	22.41	9.10	9.25	8.04	8.12			14.24	37.03	3.54	3.82	3.39	
5/15/19	12.36	12.26	22.67	23.05	9.36	8.72	pH probe malfur		10.7	2.0	6.71	18.37	2.28	1.45	5.67	9:18
5/15/19	12.38	12.26	22.66	23.09	9.28	8.85	pH probe malfunction				5.62	17.04	2.32	2.42	5.74	
5/15/19	12.4	12.3	22.44	22.86	9.10	7.84	7.64	7.86			N/A	N/A	N/A	N/A	5.6	

CSHH #2 - Bell Marker 6																
10/30/19	15.77	15.88	26.04	26.59	8.44	7.58	7.86	7.82	16.4	2.25	12.58	4.65	1.19	1.58	6.67	9:22
10/23/19	15.87	15.99	26.37	26.62	8.81	8.28	8.00	7.87	16.0	2.6	18.62	12.97	1.02	1.42	8.84	9:36
10/16/19	17.33	17.24	26.13	26.13	10.40	10.58	8.01	7.96	15.3	1.76	51.26	45.14	1.21	1.24	6.75	8:21
10/11/19	No survey - high wind and waves.															
9/25/19	21.56	21.13	25.76	25.68	7.61	7.07	7.81	7.74	21.5	2.1	16.45	10.66	1.09	1.13	8.68	10:17
9/18/19	21.9	22.0	26.06	26.07	6.43	6.00	7.67	7.66	17.1	1.5	N/A	N/A	N/A	N/A	6.25	8:32
9/11/19	22.19	22.12	26.40	26.45	6.03	5.53	7.59	7.53	25.3	1.4	10.00	13.85	1.60	3.15	8.82	9:20
9/4/19	22.92	22.86	25.96	25.99	6.43	5.44	7.60	7.49	22.7	1.25	25.39	27.93	1.38	4.55	6.93	8:37
8/28/19	22.86	22.84	25.98	26.12	6.65	5.85	7.74	7.66	22.3	1.75	25.84	19.37	1.01	1.14	8.46	9:40
8/22/19	24.71	23.44	25.86	26.25	6.89	3.03	7.79	7.39	25.5	1.25	26.38	10.70	1.86	3.03	7.80	8:18
8/14/19	22.74	21.39	25.54	26.14	5.19	0.72	7.46	7.17	22.8	1.25	51.27	7.44	1.33	1.93	7.43	8:22
8/7/19	22.52	21.92	25.68	25.85	6.16	3.40	7.67	7.41	23.8	No secch	18.63	10.33	1.06	2.43	7.78	8:40
7/31/19	23.28	20.73	25.03	25.60	6.74	1.84	7.87	7.33	27.4	1.25	37.13	12.22	1.38	0.87	8.90	10:15
7/24/19	23.03	20.30	23.44	25.36	7.30	1.64	7.77	7.20	22.3	1.2	49.27	5.71	2.27	1.28	7.40	8:32
7/17/19	22.19	18.61	25.17	25.89	6.53	1.14	7.68	7.16	27.2	1.25	31.57	11.66	1.96	1.87	7.50	8:39
7/10/19	21.41	18.99	24.93	25.45	8.28	5.02	7.87	7.46	23.5	1.8	9.21	25.24	0.97	2.92	8.41	9:00
7/3/19	20.30	16.36	24.62	25.54	9.51	3.29	8.08	7.39	25.1	1.25	42.27	20.58	1.81	3.64	8.01	8:50
6/26/19	22.76	16.09	23.41	24.37	8.49	4.05	8.06	7.50	22.6	1.5	9.51	5.08	0.92	10.82	9.83	8:49
6/19/19	19.10	16.44	23.49	24.35	7.86	5.52	7.56	7.24	20.3	1.5	25.49	10.12	1.98	4.56	7.09	8:18
6/12/19	17.77	17.35	23.98	24.24	8.40	8.36	7.97	8.04	18.3	2.3	4.90	22.48	1.26	2.71	8.41	9:40
6/5/19	16.95	14.05	23.11	24.11	10.51	6.44	8.38	7.70	19.1	1.5	36.02	43.89	8.38	4.55	7.63	8:17
5/29/19	15.85	13.35	23.32	24.16	11.50	9.60	8.29	7.81	15.5	1.75	26.94	27.87	1.31	1.13	7.77	9:45
5/22/19	14.83	14.61	22.80	22.91	9.88	10.56	8.37	8.24	16.4	2.3	12.51	27.34	1.25	2.05	5.88	8:40
5/15/19	12.16	12.05	23.24	23.37	9.78	9.38	pH probe malfur		12.4	2.25	7.94	14.50	1.09	2.42	8.08	10:10
5/15/19		12.1		23.14		8.86		8.0								

CSHH #16 - Outer Harbor, Midway E/W Shore and N/S Boundary of Shellfish Harvesting Area																
10/30/19	15.78	15.92	26.30	26.58	8.50	7.89	7.90	7.85	16.4	2.75	8.81	5.18	0.85	4.55	9.21	9:40
10/23/19	16.04	16.25	26.49	26.73	8.48	7.62	7.95	7.88	16.2	3.5	9.04	12.48	0.69	2.66	10.35	9:56
10/16/19	17.48	17.49	26.15	26.11	9.21	9.42	7.89	7.87	16.4	2.0	28.82	29.18	5.66	2.80	9.21	8:45
10/11/19	No survey - high wind and waves.															
9/25/19	21.53	21.54	25.74	25.78	7.41	6.79	7.76	7.70	21.2	1.75	16.31	19.85	1.38	6.97	10.77	10:32

9/18/19	21.7	21.7	26.11	26.12	6.61	6.20	7.69	7.66	17.6	1.75	N/A	N/A	N/A	N/A	8.5	8:52	
9/11/19	22.14	22.07	26.29	26.51	6.76	5.48	7.63	7.53	25.8	1.75	11.42	11.58	1.74	4.39	10.70	9:36	
9/4/19	23.11	22.95	25.98	26.07	7.21	5.57	7.72	7.54	23.2	1.25	33.01	21.42	1.30	3.43	8.96	9:00	
8/28/19	22.73	22.70	26.13	26.14	6.69	5.41	7.72	7.63	22.1	1.8	20.42	17.95	2.13	4.65	11.02	9:55	
8/22/19	24.56	23.32	25.87	26.26	6.97	3.56	7.78	7.41	27.0	1.4	24.00	10.53	1.58	3.45	9.30	8:40	
8/14/19	22.87	20.90	25.75	26.46	5.62	1.01	7.62	7.20	23.4	1.25	44.03	6.65	1.28	1.34	9.89	8:42	
8/7/19	22.75	21.84	25.61	25.88	6.82	3.52	7.80	7.44	25.0	1.6	13.41	7.87	1.08	5.37	9.47	9:05	
7/31/19	23.68	19.58	25.09	25.94	6.75	0.86	7.90	7.25	28.0	1.4	33.28	6.30	1.52	1.26	11.02	10:31	
7/24/19	22.96	19.99	24.11	25.50	7.09	1.39	7.86	7.21	22.3	1.75	20.41	5.62	1.64	1.01	9.51	8:50	
7/17/19	22.97	18.37	25.18	26.98	6.96	2.60	7.92	7.27	27.4	1.25	29.84	16.35	1.77	3.48	9.28	9:00	
7/10/19	21.71	18.19	25.11	25.62	11.01	3.44	8.12	7.34	25.7	1.75	19.19	35.36	1.03	5.48	9.98	9:20	
7/3/19	20.92	16.23	24.71	25.63	10.63	3.90	8.27	7.46	26.4	1.4	24.09	23.66	1.21	7.04	9.49	9:08	
6/26/19	20.91	15.56	23.41	24.51	9.12	3.90	8.14	7.53	23.8	1.75	18.94	4.97	0.76	18.71	10.09	9:26	
6/19/19	18.83	16.04	23.76	24.54	7.96	5.86	7.57	7.30	20.2	1.6	22.92	9.75	1.62	5.43	8.75	8:40	
6/12/19	17.62	17.22	24.09	24.22	8.66	8.47	8.04	8.06	18.2	2.25	4.51	22.81	0.81	5.52	10.27	10:00	
6/5/19	17.38	13.21	23.10	24.44	10.06	6.67	8.42	7.65	19.1	1.5	27.96	34.86	1.32	3.80	8.51	8:41	
5/29/19	15.80	12.31	23.40	24.44	12.31	7.16	8.29	7.61	16.5	No secch	19.35	19.99	1.02	1.83	10.60	10:03	
5/22/19	14.94	13.01	22.93	23.40	10.84	9.19	8.32	8.02	16.3	2.1	10.71	28.69	0.55	6.02	8.48	9:17	
5/15/19	bacteria and nitrogen sample pick up only																

CSHH #17 - Outer Harbor, Just Outside Restricted Crescent Beach Boundary

10/30/19	15.87	15.89	26.36	26.58	8.40	7.71	7.90	7.84	16.4	2.5	10.64	4.46	0.99	1.42	7.33	9:55	
10/23/19	16.05	16.12	26.49	26.64	9.17	8.42	8.04	7.94	16.5	3.0	16.91	17.31	0.98	3.20	7.26	10:17	
10/16/19	17.52	17.51	26.15	26.10	9.24	9.35	7.87	7.86	16.8	2.0	23.49	27.07	1.52	2.46	7.26	9:10	
10/11/19	No survey - high wind and waves.																
9/25/19	21.98	21.51	25.76	25.73	8.12	7.70	7.96	7.88	22.6	1.7	7.20	14.36	1.59	2.01	8.21	10:47	
9/18/19	21.6	21.7	26.21	26.25	6.00	5.24	7.60	7.55	18.4	1.7	N/A	N/A	N/A	N/A	6.25	9:12	
9/11/19	22.21	22.13	26.16	26.34	7.02	6.29	7.69	7.63	24.0	1.5	11.57	18.80	2.33	4.97	8.50	9:58	
9/4/19	22.98	22.89	26.07	26.09	5.94	5.19	7.57	7.49	23.1	1.25	22.15	19.34	2.23	4.52	6.47	9:24	
8/28/19	22.66	22.57	26.06	26.14	6.26	5.22	7.70	7.60	21.8	1.9	19.76	13.78	1.17	8.44	8.82	10:12	
8/22/19	24.79	22.83	25.80	26.36	7.12	3.04	7.83	7.37	26.7	1.25	22.99	9.30	1.74	4.46	6.62	9:00	
8/14/19	23.02	21.56	25.67	26.18	5.45	1.96	7.59	7.26	25.2	1.4	18.62	11.07	1.27	1.24	8.16	9:08	
8/7/19	22.41	21.75	25.77	25.92	5.29	3.06	7.57	7.43	27.2	1.75	6.24	6.58	1.49	3.00	7.00	9:44	
7/31/19	23.94	19.72	25.22	25.94	6.78	0.94	7.86	7.27	27.9	1.6	18.74	8.85	1.40	0.56	8.67	10:52	

7/24/19	22.73	19.55	24.35	25.60	7.00	2.17	7.78	7.24	22.0	1.75	14.79	5.29	1.31	1.20	7.05	9:20
7/17/19	23.02	18.71	25.49	25.93	9.67	2.18	8.12	7.25	26.5	1.4	18.58	12.60	1.54	3.10	7.81	9:23
7/10/19	21.93	18.08	25.20	25.70	10.07	4.03	8.15	7.41	25.7	2.0	12.52	19.45	0.73	4.05	7.60	9:45
7/3/19	20.10	17.19	25.02	25.42	10.28	5.21	8.14	7.59	24.7	1.4	13.40	32.28	1.27	1.89	7.89	9:43
6/26/19	19.85	15.44	23.60	24.68	8.19	3.68	7.96	7.49	24.5	1.5	11.78	4.15	1.14	10.97	7.05	9:48
6/26/19	19.8	15.5	23.97	24.96	7.81	3.18	7.91	7.42			N/A	N/A	N/A	N/A	7.10	9:48
6/19/19	18.40	16.34	23.90	24.42	7.94	5.44	7.53	7.23	22.4	1.75	17.45	8.74	1.33	4.43	6.47	9:00
6/12/19	17.45	16.82	24.01	24.38	8.53	7.84	8.00	7.95	18.2	2.0	4.96	24.45	1.42	6.83	7.90	10:21
6/5/19	16.95	14.66	23.28	24.02	11.31	8.47	8.40	7.96	20.0	1.5	15.46	34.63	1.21	8.78	6.78	9:05
5/29/19	15.67	13.91	23.61	23.98	11.33	9.88	8.17	7.90	16.8	No secch	16.46	33.36	1.07	2.82	7.78	10:31
5/22/19	15.26	15.11	22.95	22.94	10.32	10.26	8.27	8.25	18.0	1.7	8.57	26.45	1.88	2.21	6.27	9:52
5/15/19	bacteria sample pick up only															

CSHH #3 - Glen Cove Creek, Red Marker																
10/30/19	15.85	15.88	25.71	26.27	7.89	7.78	7.83	7.84	17.3	2.25	12.69	5.97	1.62	1.25	4.61	10:24
10/23/19	15.84	15.96	25.19	26.82	9.84	8.28	8.10	7.88	16.9	2.0	15.43	24.13	1.51	1.47	4.33	10:41
10/16/19	17.20	17.56	25.85	26.12	10.75	10.78	8.06	7.99	17.1	1.7	63.81	39.32	1.48	3.58	4.42	9:42
10/11/19	17.26	17.49	23.59	23.77	8.03	7.83	7.81	7.79	14.3	2.0	13.94	13.88	1.45	6.07	5.85	8:40
9/25/19	22.16	21.66	25.08	25.69	8.54	8.28	8.01	7.93	22.3	1.5	7.09	17.65	1.59	2.69	4.96	11:02
9/18/19	21.8	22.0	25.53	25.97	6.05	5.16	7.64	7.56	18.3	1.75	N/A	N/A	N/A	N/A	3.75	9:45
9/11/19	22.15	22.12	25.96	26.01	5.98	5.75	7.60	7.57	25.5	1.1	25.84	22.50	2.03	2.34	5.34	10:22
9/4/19	23.46	23.25	25.50	26.00	7.26	6.47	7.70	7.61	23.8	1.0	36.22	32.48	2.51	3.73	3.36	10:05
8/28/19	23.12	22.70	25.57	26.20	5.93	3.90	7.66	7.47	22.6	1.8	18.30	15.79	1.14	1.45	5.78	10:34
8/22/19	24.97	23.85	25.37	26.00	5.92	3.30	7.70	7.35	27.3	1.25	26.55	17.02	2.58	1.95	3.51	9:31
8/14/19	23.21	22.10	25.45	25.90	6.20	1.27	7.65	7.21	25.2	1.25	45.02	11.30	1.49	1.23	5.44	9:45
8/7/19	23.18	22.07	24.98	25.77	5.79	2.50	7.49	7.29	28.1	1.5	23.81	16.30	2.04	1.40	3.66	10:23
7/31/19	23.11	20.78	24.98	25.51	6.82	1.82	7.81	7.29	27.5	1.25	42.67	12.74	1.63	0.81	5.55	11:20
7/24/19	23.72	22.00	23.59	24.95	5.22	3.57	7.53	7.37	23.6	1.5	11.61	11.76	1.90	2.76	3.79	9:51
7/17/19	22.66	20.94	25.17	25.51	7.24	3.89	7.88	7.39	27.9	1	44.63	39.18	1.84	2.01	4.54	9:51
7/10/19	21.35	19.55	24.92	25.34	8.36	7.39	7.86	7.61	27.1	1.5	21.89	19.56	1.73	3.61	3.97	10:30
7/3/19	21.58	17.61	24.42	25.24	10.00	5.49	8.25	7.57	25.3	1.25	40.05	29.01	1.89	1.81	4.80	10:20
6/26/19	21.08	19.65	22.91	23.50	8.77	7.80	8.02	7.83	24.8	No secch	8.55	23.25	1.29	3.15	4.25	10:44
6/19/19	18.81	18.23	23.51	23.89	7.87	6.52	7.49	7.35	22.9	1.4	29.70	20.80	1.80	1.80	3.50	9:30
6/12/19	17.87	17.20	23.58	23.96	8.69	8.24	8.03	7.95	19.7	1.5	11.49	22.38	2.17	2.58	4.43	10:42

6/5/19	18.03	17.28	22.62	22.99	10.16	10.79	8.50	8.31	20.4	1.25	51.57	47.83	1.90	2.20	3.55	9:33
5/29/19	16.23	14.81	23.05	23.63	11.64	9.91	8.17	7.87	17.8	1.75	25.63	49.27	1.84	1.79	5.00	10:56
5/29/19	16.3	14.4	22.79	23.70	11.15	9.11	7.94	7.85	16.5	N/A	N/A	N/A	N/A	N/A	4.75	10:56
5/22/19	16.13	15.80	22.83	22.88	10.14	10.75	8.31	8.30	18.4	2.0	8.26	27.86	1.50	1.37	3.08	10:28
5/15/19	12.74	12.15	22.96	23.31	9.91	9.89	pH probe malfur		12.7	2.0	7.40	21.51	1.76	1.41	5.10	11:13
5/15/19							7.97	8.01								

CSHH #8 - Glen Cove Sewage Treatment Plant Outfall

10/30/19	15.91	15.88	25.55	25.79	8.11	7.63	7.80	7.81	17.5	1.75	9.31	8.47	2.32	2.87	2.86	10:48
10/23/19	15.92	15.74	24.95	26.22	8.96	9.09	8.00	7.97	17.4	1.3	36.62	21.82	2.95	2.09	2.33	10:58
10/16/19	17.69	17.68	25.78	25.82	9.69	10.29	7.98	7.93	16.4	1.5	54.14	42.01	1.77	2.54	2.38	10:05
10/11/19	17.30	17.29	23.29	23.51	8.14	7.58	7.76	7.77	14.8	2.25	15.93	11.26	1.41	1.18	3.86	9:05
9/25/19	22.62	21.61	24.90	25.51	7.05	6.33	7.72	7.82	21.9	1.3	15.94	14.08	18.97	11.38	2.84	11:23
9/18/19	22.2	22.2	24.59	25.75	4.02	3.87	7.49	7.45	16.8	1.3	N/A	N/A	N/A	N/A	1.75	10:05
9/11/19	22.15	22.08	22.77	25.23	6.50	5.31	7.57	7.52	26.0	0.5	42.61	24.43	15.08	4.09	3.27	10:25
9/4/19	23.34	23.38	24.76	25.18	6.56	5.66	7.55	7.47	24.3	0.75	35.70	31.92	5.73	4.20	1.28	10:32
8/28/19	23.33	23.17	25.25	25.68	5.22	3.91	7.48	7.46	21.7	1.5	19.75	15.37	3.07	3.48	3.54	11:01
8/22/19	24.83	24.71	24.91	25.44	4.94	2.41	7.44	7.25	26.9	1.0	15.95	12.56	3.73	4.10	1.48	9:55
8/14/19	23.29	23.12	24.70	25.28	5.01	4.19	7.49	7.45	24.7	1.0	47.24	40.86	2.21	2.51	2.94	10:13
8/7/19	23.14	23.02	23.08	25.11	5.04	3.28	7.36	7.23	29.0	1.0	18.33	11.71	5.57	4.90	1.30	10:52
7/31/19	24.18	22.59	24.29	24.98	5.61	3.55	7.60	7.41	30.2	1.0	43.85	27.67	3.71	3.43	3.67	11:37
7/24/19	23.75	23.59	14.22	24.21	5.69	3.44	7.29	7.28	23.0	1.25	5.90	8.03	6.04	3.10	1.74	10:30
7/17/19	23.43	22.30	23.01	25.14	7.35	6.51	7.81	7.60	29.8	0.75	65.26	43.38	3.46	3.87	2.73	10:12
7/10/19	21.59	21.14	24.59	24.86	7.28	6.21	7.66	7.52	27.7	1.0	17.66	19.70	4.96	7.05	1.72	10:50
7/3/19	21.16	20.35	23.66	24.55	9.43	8.56	8.11	7.96	27.1	0.8	46.87	43.61	3.80	3.44	3.46	10:00
6/26/19	20.47	19.91	18.62	23.21	6.71	5.52	7.55	7.52	26.5	0.75	19.36	20.16	11.50	14.60	1.99	11:07
6/19/19	19.40	18.03	21.87	23.96	7.32	5.24	7.37	7.18	21.6	1.2	30.85	13.94	3.24	14.10	2.76	9:47
6/12/19	18.33	17.37	21.93	23.70	8.21	7.20	7.87	7.80	22.0	1.25	36.92	26.33	3.62	3.08	2.45	11:15
6/5/19	18.51	17.89	17.96	22.70	12.64	10.57	8.44	8.27	20.4	1.0	95.31	65.97	3.05	6.84	2.72	10:01
5/29/19	17.77	15.23	22.70	23.59	11.48	10.66	8.22	7.89	18.1	1.25	74.77	47.51	2.56	1.95	3.31	11:25
5/22/19	16.77	15.78	20.69	22.76	10.81	10.07	8.29	8.13	20.3	1.0	19.60	23.83	2.18	3.14	2.31	10:55
5/15/19	13.26	12.21	19.35	23.06	9.31	8.90	pH probe malfur		14.4	1.5	11.38	16.52	1.78	1.17	3.26	11:40
5/15/19							7.86	7.90								

CSHH #13 - 60' West of the Mill Pond Weir																
10/30/19	15.89	15.85	24.77	25.74	7.01	6.15	7.57	7.65	17.8	1.5	7.98	5.74	3.13	3.85	2.66	11:17
10/23/19	15.82	15.84	21.85	26.12	8.01	7.35	7.69	7.70	17.8	0.75	25.47	31.47	4.88	3.98	1.79	11:21
10/16/19	17.83	17.76	25.21	25.75	9.42	9.02	7.83	7.75	17.8	1.45	70.72	39.79	2.30	3.33	2.14	10:25
10/11/19	18.22	18.19	26.56	26.56	5.81	6.27	7.56	7.65	15.8	1.9	15.95	10.01	2.34	3.17	3.45	9:26
9/25/19	22.45	22.17	24.53	25.51	6.06	6.00	7.61	7.74	24.6	1.5	8.15	15.19	3.37	3.62	2.46	11:43
9/18/19	22.3	22.5	24.44	25.45	3.05	2.75	7.28	7.26	18.5	1.3	N/A	N/A	N/A	N/A	1.6	10:30
9/11/19	21.07	22.35	18.54	25.02	6.02	4.04	7.38	7.34	25.5	0.75	19.17	24.45	12.56	4.78	2.93	11:00
9/4/19		21.23		16.42		6.29		7.46	25.7	0.75 Bottom		13.81		16.40	0.62	11:00
8/28/19	23.44	23.44	24.83	25.44	4.49	2.56	7.37	7.25	21.9	1.6	51.28	13.63	3.75	3.58	3.02	11:21
8/22/19	23.91	24.58	21.64	24.47	3.59	2.85	7.04	7.06	27.4	1.0	15.07	13.76	9.31	7.94	1.09	10:16
8/14/19	Access blocked by barge.															
8/7/19	22.36	22.71	22.23	24.06	5.89	3.55	7.36	7.14	28.1	1.25 Bottom	15.15	9.79	3.31	5.13	0.95	11:15
7/31/19	Ran out of time for survey															
7/24/19	23.32	23.10	16.10	24.93	4.16	1.73	7.31	7.11	25.0	1.1	9.21	8.11	3.30	7.70	2.06	11:10
7/17/19	23.41	23.05	19.50	24.81	9.09	6.26	8.14	7.49	30.8	No secch	9.76	32.36	6.01	6.76	2.75	10:34
7/10/19	21.67	21.52	23.22	24.38	7.12	6.77	7.57	7.47	29.8	1.0	10.58	20.56	4.74	6.20	1.27	11:24
7/3/19	21.72	20.25	23.33	24.55	10.87	7.82	8.21	7.72	29.2	0.8	107.10	35.92	5.12	9.92	3.83	11:10
6/26/19	20.29	19.91	13.27	22.91	7.17	4.79	7.64	7.34	27.1	1.0	7.89	8.22	2.54	5.11	1.78	11:28
6/19/19	19.03	18.78	21.26	23.37	6.11	4.64	7.16	7.04	22.0	1.0	27.60	12.38	4.98	4.17	2.30	10:09
6/12/19	17.90	17.39	22.44	23.59	8.01	6.14	7.73	7.55	24.4	1.25	6.08	20.92	2.94	2.94	2.88	11:33
6/5/19	18.60	18.20	18.04	22.35	11.79	11.04	8.45	8.12	21.7	1.0	131.53	80.40	3.48	3.80	1.63	10:22
5/29/19	16.87	15.82	22.92	23.28	8.46	8.69	7.67	7.78	19.5	1.25	54.51	52.52	5.31	2.45	1.98	11:50
5/22/19	16.76	15.83	21.44	22.58	10.19	9.57	8.12	8.02	20.0	0.8	22.90	25.65	3.32	2.60	1.68	11:23
5/15/19	Ran out of time for survey															

CSHH #14 - 50 yds from Powerhouse Drain																
10/23/19	15.41	15.50	25.49	25.67	8.33	8.16	7.86	7.87	14.9	1.8	21.97	28.39	2.35	1.58	2.42	8:45
10/11/19	16.65	16.85	25.39	25.93	7.86	7.62	7.74	7.74	17.0	1.75	10.96	12.61	2.83	2.19	3.27	11:19
9/25/19	21.65	21.63	25.18	25.25	7.23	6.84	7.78	7.74	20.4	1.26	51.08	30.21	2.99	3.95	2.69	9:21
9/11/19	21.99	22.13	25.57	26.09	5.06	4.35	7.44	7.45	23.6	1.3	14.61	13.01	3.12	2.56	1.82	8:11
8/28/19	22.86	22.84	25.92	25.93	3.04	2.67	7.34	7.34	21.9	1.35	19.21	22.00	2.75	3.03	2.45	8:06
8/14/19	22.78	22.33	25.32	25.65	4.10	1.74	7.36	7.20	26.1	1.25	45.45	19.53	2.72	1.27	2.62	11:09
7/31/19	22.67	22.31	24.74	24.87	3.65	2.14	7.32	7.27	27.7	1.25	24.68	26.62	2.42	2.25	2.02	8:48

CSHH #15 - 50 yds from Scudder's Pond Outfall, North of Tappen Pool

10/23/19	15.36	15.63	24.97	25.64	8.45	8.46	7.90	7.90	15.8	1.75	15.47	27.26	1.67	3.78	1.79	9:23
10/11/19	16.67	16.91	25.56	26.21	8.30	7.83	7.78	7.77	15.5	2.0	9.75	13.14	1.87	2.67	2.67	9:55
9/25/19	21.35	21.70	25.07	25.51	8.22	7.95	7.99	7.92	20.0	1.25	31.71	39.64	2.33	4.09	2.48	10:03
9/11/19	21.68	21.67	25.34	25.33	5.60	5.13	7.48	7.47	24.4	1.2	14.16	27.06	3.26	2.84	2.21	9:10
8/28/19	23.06	23.07	25.77	25.77	4.24	3.55	7.39	7.41	21.9	1.8	23.86	20.69	1.84	1.91	2.85	9:22
8/14/19	22.71	22.68	25.46	25.65	4.52	2.74	7.37	7.31	26.6	1.25	35.25	38.72	1.92	1.31	3.02	10:46
7/31/19	22.38	22.10	24.91	25.15	4.55	2.85	7.43	7.36	29.2	1.5	36.96	26.22	2.58	1.78	2.48	10:00

CSHH #4 - Bar Beach Spit

10/23/19	15.42	15.59	25.68	25.87	8.22	8.17	7.89	7.89	15.2	2.0	19.06	22.48	2.19	2.23	2.63	8:53
10/11/19	16.52	16.53	25.49	25.55	7.42	7.43	7.68	7.68	17.1	1.5	6.23	8.97	3.02	2.48	2.32	11:31
9/25/19	21.58	21.57	25.19	25.24	7.30	7.16	7.78	7.78	21.8	1.24	38.51	29.48	3.51	3.33	1.44	9:37
9/11/19	22.10	22.10	26.03	26.05	5.98	4.86	7.51	7.48	22.1	1.25	22.32	28.78	2.42	2.55	3.20	7:59
8/28/19	22.84	22.84	25.76	25.82	3.98	3.39	7.39	7.38	22.3	1.45	25.11	23.75	2.70	2.65	2.17	8:19
8/14/19	22.71	22.73	25.59	25.59	4.12	2.53	7.34	7.26	24.9	1.4	16.51	21.67	1.51	1.51	1.67	10:59
7/31/19	21.61	21.15	25.29	25.48	1.58	0.76	7.24	7.21	26.5	strong curr	26.86	20.42	1.96	1.95	5.35	8:30

CSHH #5 - Mott's Cove

10/23/19	15.38	15.66	24.75	25.67	8.20	7.84	7.76	7.79	14.8	1.5	18.90	11.00	3.49	2.53	2.30	8:34
10/11/19	16.62	16.71	25.47	25.72	7.91	7.47	7.66	7.70	17.0	1.6	8.63	12.92	2.54	2.73	2.83	11:00
9/25/19	21.19	21.38	24.64	24.96	6.98	6.85	7.68	7.69	19.7	1.2	39.43	31.72	3.83	4.03	2.23	9:17
9/11/19	21.83	22.04	25.29	25.75	4.71	4.35	7.37	7.41	23.9	1.2	25.39	23.62	4.41	4.48	1.51	8:22
8/28/19	22.80	22.88	25.25	25.67	3.43	2.83	7.31	7.31	22.7	1.3	43.21	27.75	3.51	2.57	2.18	8:31
8/14/19	22.65	22.53	25.14	25.51	3.03	1.85	7.25	7.19	25.6	1.3	20.63	21.26	2.32	3.85	2.27	11:23
7/31/19	22.12	21.63	24.80	25.11	1.70	1.21	7.25	7.22	27.8	1.3	19.12	20.71	2.83	2.06	1.70	9:06

CSHH #6 - East of Former Incinerator Site

10/23/19	15.21	15.61	24.27	25.71	7.94	7.53	7.76	7.81	15.0	1.5	11.98	17.84	4.32	8.82	2.58	8:20
10/11/19	15.60	15.63	24.84	24.90	7.65	7.14	7.61	7.58	16.6	1.0	7.17	5.90	6.85	7.08	2.99	10:38
9/25/19	21.16	21.55	24.39	25.10	6.11	5.74	7.52	7.56	19.5	1.0	48.10	16.37	9.01	23.17	2.49	8:54
9/11/19	21.80	21.91	25.04	25.44	5.69	4.19	7.43	7.36	23.6	0.8	67.57	39.58	5.06	3.91	2.12	8:42
8/28/19	22.97	22.96	25.34	25.42	3.41	2.70	7.29	7.28	22.4	1.25	46.78	33.91	3.10	2.14	2.52	8:54

8/14/19	23.44	22.73	24.91	25.25	3.44	2.33	7.30	7.22	27.3	1.25	15.39	19.41	2.48	1.95	2.84	11:31
7/31/19	22.70	22.28	24.87	24.98	3.18	2.01	7.33	7.26	29.0	1.25	51.24	23.37	2.84	2.18	5.27	9:22

CSHH #7 - West of Bryant Landing (formerly site of oil dock)

10/23/19	15.49	15.51	24.05	24.32	7.62	7.38	7.71	7.68	14.2	1.23	11.91	8.16	3.95	9.25	1.85	8:03
10/11/19	14.13	14.47	22.41	23.24	7.46	7.37	7.57	7.57	16.3	0.5	7.58	5.77	13.03	16.22	2.33	10:26
9/25/19	21.16	21.41	23.87	24.51	5.37	4.58	7.43	7.39	19.5	0.8	62.54	24.45	7.60	7.03	1.83	8:44
9/11/19	21.80	21.79	25.01	25.02	4.19	3.36	7.27	7.23	23.8	0.6	60.19	75.86	6.99	8.20	1.30	8:52
8/28/19	23.03	23.12	24.83	25.19	2.55	1.65	7.20	7.16	22.4	0.65	43.39	35.27	4.62	6.38	1.92	9:05
8/14/19	23.29	23.22	23.18	24.78	4.06	3.06	7.24	7.20	27.0	0.75	44.75	18.37	7.05	8.43	1.87	11:39
7/31/19	23.51	23.38	24.44	24.53	3.86	2.70	7.30	7.26	28.8	1.25	19.32	19.35	4.49	3.68	1.73	9:40
7/17/19	23.51	22.70	24.81	24.83	5.77	4.48	7.48	7.34	32.9	0.75	31.71	18.89	3.97	7.20	1.65	11:32

CSHH #18 - Tappen Marina Interior of Northernmost Dock

10/11/19	17.65	17.74	23.29	23.28	8.47	7.50	7.22	7.56	13.1	1.75	14.09	15.45	2.12	8.20	2.71	7:02
9/4/19	Ran out of time for survey.															
8/7/19	22.77	22.30	25.13	25.53	4.76	1.54	6.77	7.08	23.3	No secchi	38.68	25.64	2.52	3.60	3.35	6:45
7/10/19	21.33	19.77	24.31	25.12	6.32	3.97	6.53	7.16	21.8	1.3	29.97	48.15	2.53	4.44	3.43	7:00
6/12/19	17.35	17.45	23.04	23.08	7.64	7.46	7.65	7.75	15.1	0.75	46.56	44.49	5.37	7.27	2.25	6:50
6/5/19	17.84	17.04	22.56	23.02	10.11	10.48	8.30	8.19	19.0	No secchi	73.13	74.93	3.35	5.20	1.65	7:25

CSHH #19 - Tappen Marina End of Main Dock Opposite Marina Entrance

10/30/19	15.83	15.87	25.96	26.13	7.79	7.53	7.39	7.57	15.4	1.75 Bottom	11.44	8.14	3.54	3.77	2.05	7:40
10/23/19	15.40	15.89	25.18	26.67	8.65	7.65	7.27	7.80	14.4	1.75	29.31	26.99	1.96	4.20	4.45	7:12
10/16/19	16.41	17.14	24.49	25.54	8.94	9.08	7.71	7.66	12.6	1.75	42.28	46.17	2.51	7.72	2.25	7:22
10/11/19	16.51	17.25	22.85	23.12	7.63	7.34	7.65	7.66	13.3	1.75	13.09	14.04	2.13	5.47	3.52	7:21
9/25/19	21.43	21.28	24.99	24.99	7.25	6.62	6.38	7.65	14.0	1.75	44.15	33.20	1.59	2.99	4.17	7:00
9/18/19	21.6	21.8	25.28	25.44	4.55	4.02	7.44	7.49	15.7	1.5	N/A	N/A	N/A	N/A	2.5	7:14
9/11/19	21.64	22.07	25.14	25.64	5.47	3.63	7.16	7.26	21.2	1.2	91.00	20.52	2.98	3.43	2.81	7:03
9/4/19	22.92	23.05	25.40	25.90	6.24	3.85	7.09	7.26	21.6	1.5	46.10	47.98	1.66	2.61	2.66	7:25
8/28/19	22.78	23.11	25.16	25.66	3.75	2.25	7.23	7.24	20.7	1.3	32.90	18.10	2.70	6.49	3.30	7:03
8/22/19	24.41	23.77	25.50	26.09	5.20	1.66	6.64	7.11	24.0	1.1	62.26	24.53	2.65	3.99	3.50	6:55
8/14/19	22.68	22.46	25.17	25.63	4.35	1.40	6.91	7.09	22.2	1.3	39.46	26.40	1.51	5.16	2.13	6:48

8/7/19	22.82	22.12	24.91	25.59	5.40	1.59	7.24	7.14	23.9	1.25	42.03	32.12	2.38	3.87	3.95	7:15
7/31/19	22.70	22.40	24.56	25.04	3.65	1.52	7.07	7.16	23.9	1.25	30.47	24.38	2.34	4.69	2.04	6:56
7/24/19	23.46	22.00	23.49	25.00	5.45	1.82	7.09	7.20	21.3	2.25	19.51	12.82	2.07	1.15	3.83	6:55
7/17/19	22.08	20.68	24.73	25.27	6.19	2.54	7.05	7.12	25.2	1.0	54.80	29.85	2.19	4.70	1.97	7:00
7/10/19	21.39	19.69	24.34	25.18	6.70	3.48	7.29	7.24	21.5	1.2	41.89	54.72	2.53	4.15	4.00	7:25
7/3/19	20.95	19.61	24.11	24.45	8.53	6.88	7.88	7.58	23.5	0.4	77.50	39.80	1.65	4.48	1.83	6:55
6/26/19	20.28	19.28	23.00	23.60	7.12	4.45	6.89	7.50	22.4	1.4	35.33	22.49	2.68	6.81	4.10	6:57
6/19/19	18.89	18.45	23.46	23.68	6.20	5.44	7.01	7.13	20.1	1.25	30.61	22.38	3.50	5.34	2.20	6:40
6/12/19	17.49	17.59	23.08	23.67	7.99	7.46	7.77	7.79	16.3	1.2	40.37	40.73	3.61	4.76	4.05	7:20
6/5/19	18.02	16.91	22.55	23.12	10.07	9.93	8.19	8.06	19.0	1.0	75.00	75.00	7.35	11.80	1.92	6:58
5/29/19	16.27	13.56	23.05	24.02	8.88	7.68	7.63	7.32	14.0	1.25	75.84	39.02	2.31	10.28	4.13	7:27
5/22/19	16.00	15.90	22.54	22.62	9.02	9.42	7.70	8.10	14.2	1.5	42.30	40.92	3.82	13.75	2.24	7:06
5/15/19	12.33	12.45	22.28	23.01	8.88	7.73	pH probe malfun		10.0	No secchi	18.89	21.67	2.39	7.81	4.60	7:45

CSHH #20 - Tappen Marina Southern Side of Main Dock																
10/30/19	15.75	15.88	25.52	26.12	7.37	7.08	7.58	7.66	15.4	1.8 Bottom	16.92	12.72	1.34	2.84	1.84	7:44
10/23/19	15.10	15.86	24.52	26.49	8.35	7.71	7.82	7.84	14.3	1.65	25.24	27.88	2.38	2.97	4.12	7:26
10/16/19	16.26	17.11	25.03	25.82	9.09	9.00	7.73	7.76	12.8	1.75	36.84	37.83	1.62	3.31	1.94	7:34
10/11/19	16.85	17.68	22.78	23.18	8.17	7.22	7.68	7.65	13.1	2.1	15.01	11.42	1.33	3.42	3.53	7:31
9/25/19	21.61	21.24	24.95	24.89	6.52	6.13	7.59	7.70	14.6	1.6	51.24	22.33	1.89	3.85	3.85	7:15
9/18/19	21.7	22.1	25.28	25.52	3.37	4.44	7.39	7.51	16.0	1.5	N/A	N/A	N/A	N/A	2.25	7:30
9/11/19	21.78	22.01	25.12	25.56	5.02	3.45	7.33	7.27	21.2	1.2	34.31	17.80	2.80	0.23	2.65	7:19
9/4/19	23.15	23.08	25.50	25.80	5.20	4.10	7.37	7.31	22.1	1.25	46.98	34.25	2.10	4.13	2.38	7:40
8/28/19	22.98	22.89	25.30	25.54	3.44	2.76	7.33	7.29	21.4	1.25	23.35	19.27	2.26	3.28	1.58	7:22
8/22/19	24.42	23.79	25.13	25.96	4.85	1.58	7.20	7.15	24.3	1.0	77.65	23.01	2.83	3.63	3.02	7:12
8/14/19	22.83	22.71	25.03	25.47	4.40	2.51	7.19	7.15	22.7	1.25	52.00	33.67	1.54	1.71	1.80	6:58
8/7/19	22.83	22.23	24.98	25.55	3.72	1.44	7.17	7.14	23.9	1.25	70.94	26.08	2.51	2.53	3.18	7:34
7/31/19	22.86	22.59	24.59	24.92	5.01	1.58	7.27	7.20	24.1	1.0	41.07	27.49	5.42	4.70	1.86	7:14
7/24/19	23.10	22.07	23.72	24.88	4.64	2.05	7.32	7.22	22.1	2.5	17.17	14.01	2.01	2.85	3.41	7:23
7/17/19	22.07	21.11	24.61	25.04	4.99	3.47	7.31	7.18	25.2	1.1	54.54	29.12	2.42	1.99	1.63	7:15
7/10/19	21.37	19.94	24.42	25.10	5.70	3.65	7.34	7.25	22.0	1.3	44.97	49.50	1.83	2.95	3.84	7:40
7/3/19	21.01	20.00	24.04	24.36	7.22	5.77	7.76	7.50	24.2	0.5	62.38	38.62	1.71	3.51	1.52	7:04
6/26/19	20.10	19.60	22.99	23.37	6.11	4.90	7.53	7.51	20.6	1.4	29.32	27.32	1.71	3.75	2.61	7:12

6/19/19	18.87	18.56	23.38	23.61	5.65	4.86	7.08	7.08	20.1	1.25	25.19	18.24	2.35	7.41	1.81	6:58
6/12/19	17.66	17.56	23.10	23.68	7.88	7.42	7.79	7.77	16.3	1.25	38.15	41.90	3.56	3.42	3.95	7:55
6/5/19	17.95	17.07	22.38	22.99	9.99	9.76	8.19	8.10	19.0	1.0	65.00	48.50	2.30	6.72	1.52	7:06
5/29/19	15.89	13.53	23.15	24.04	7.98	6.47	7.63	7.41	14.0	1.25	72.00	39.10	3.12	5.00	3.85	7:40
5/22/19	15.90	15.90	22.57	22.66	8.84	8.40	7.97	8.03	14.6	1.25	32.50	40.18	2.99	3.02	1.82	7:40
5/15/19	12.24	12.48	22.51	22.99	8.45	8.01	pH probe malfur		10.0	No secchi	23.01	22.56	2.44	1.38	4.29	7:55

Purple lines indicate survey using YSI Pro Plus.

Red numbers indicate that the readings were unusually low or high but reflect station conditions.

Highlighted numbers indicate possible equipment malfunction.

*Sonde surface levels are taken at a half meter below the surface.

**Bottom levels are read by the sonde depth sensor, which is 0.3 m off the harbor floor.

***Total depth accounts for the 0.3 m distance between the Eureka sonde depth sensor and the harbor floor.