



CSHH Water-Monitoring Program 2012

Date	Water Temp (°C)		Salinity (ppt)		DO (ppm)		pH (ppm)		Air Temp (°C)	Secchi (m)	Turbidity (NTUs)		Depth (m) (Bottom)	Time (AM)
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom			at 1/2 m	at Secchi depth		
CSHH #1 - Beacon 11														
07/25/12	22.81	22.88	25.91	26.16	6.82	6.48	7.6	7.6	21.6	0.5	3.52		5.4	7:55
7/18/12	23.36	21.00	25.33	26.19	4.10	1.86*	7.4	7.1	29.7	0.75	2.84	4.25	3.5	8:00
7/11/12	23.14	21.51	24.98	25.82	5.52	1.88	7.6	7.3	24.0	1.0	2.51	2.81	5.7	7:50
7/3/12	23.79	20.30	24.55	25.69	8.35	2.24	7.9	7.3	25.4	0.8	3.04	3.31	3.7	8:10
6/27/12	22.05	21.37	24.12	24.62	6.65	5.6	7.8	7.7	21.7	1.0	2.89	2.90	4.7	8:20
6/20/12	20.60	20.24	24.59	24.90	4.67	3.64	7.5	7.5	27.4	1.5	1.9	1.52	3.1	8:05
6/13/12	19.03	18.37	24.86	25.50	5.56	4.58	7.7	7.6	21.0	1.25	2.37	1.33	5.2	9:21
6/6/12	20.03	19.06	24.01	24.60	6.36	5.85	7.8	7.8	17.3	1.2	1.86	2.33	3.4	8:06
5/30/12	20.08	17.74	24.77	25.19	8.17	6.39	8.0	7.8	23.2	1.25	2.32	2.19	6.0	8:10
5/23/12	Electronic equipment in for service--collected bacteria samples only.													
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*bottom titration was at 0.6 ppm														
CSHH #2 - Bell Marker 6														
07/25/12	22.91	22.47	26.57	26.58	8.41	5.33	8.0	7.5	22.9	1.0	2.82	2.93	8.3	9:58
7/18/12	24.40	19.83	25.69	26.33	7.80	0.52*	8.1	7.2	30.0	1.4	1.31	1.32	9.2	8:30
7/11/12	22.95	20.86	25.55	26.24	7.45	3.10	7.9	7.4	23.9	1.3	1.46	1.28	9.5	8:20
7/3/12	23.15	18.92	25.21	26.04	8.65	3.02	8.1	7.4	24.4	0.75	2.07	1.91	8.6	8:45
6/27/12	20.66	19.49	24.98	25.45	6.82	4.23	7.9	7.6	21.3	1.2	0.57	1.61	8.9	8:55
6/20/12	20.72	19.67	25.10	25.28	7.66	3.65	8.2	7.6	26.5	1.5	1.11	1.22	7.7	8:50
6/13/12	19.10	18.26	24.45	25.60	7.28	5.75	7.8	7.7	22.1	1.1	1.25	1.13	8.5	9:40
6/6/12	18.55	18.10	25.22	25.49	7.39	6.46	8.0	7.9	17.7	1.5	1.17	1.12	6.8	8:45
5/30/12	19.61	16.55	24.65	25.47	9.88	5.53	8.2	7.7	22.3	1.3	1.62	1.39	9.5	9:20
5/23/12	Electronic equipment in for service--collected bacteria samples only.													
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*bottom titration was at 1.3 ppm														
CSHH #3 - Glen Cove Creek, Red Marker														
07/25/12	22.84	22.87	25.95	26.55	6.67	6.68	7.7	7.8	22.3	1.0	2.51	2.54	3.3	8:30
7/18/12	24.74	22.10	25.38	26.00	8.17	1.4*	8.1	7.4	30.9	1.0	2.01	1.69	4.5	9:10
7/11/12	23.54	21.23	25.43	26.11	8.19	1.50	8.0	7.3	25.4	1.1	1.98	1.66	4.0	9:00
7/3/12	24.08	19.72	24.93	25.85	9.36	2.50	8.2	7.4	25.9	0.75	2.26	2.41	4.8	9:15
6/27/12	20.92	20.96	23.30	24.55	7.16	6.80	7.9	7.8	21.3	1.0	2.59	2.49	3.6	9:25
6/20/12	21.13	20.05	24.59	25.22	9.74	5.16	8.2	7.7	27.6	1.0	2.19	1.94	4.2	9:33
6/13/12	18.12	18.06	25.13	25.60	6.13	4.36	7.8	7.6	21.2	0.8	2.06	1.41	4.7	10:00
6/6/12	19.02	18.76	24.49	24.88	7.67	7.43	8.0	8.0	19.1	1.5	1.39	1.41	3.0	9:23
5/30/12	20.26	18.51	24.65	25.08	9.00	7.39	8.2	7.9	22.6	1.2	1.93	2.06	4.3	10:00
5/23/12	Electronic equipment in for service--collected bacteria samples only.													
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*bottom titration was at 3.1 ppm														
CSHH #8 - Glen Cove Sewage Treatment Plant Outfall														
07/25/12	22.99	22.67	25.03	22.26	6.83	4.31	7.6	7.4	23.4	0.75	2.70	3.44	2.3	9:12
7/18/12	24.53	23.80	20.07	25.60	7.60	5.3*	7.8	7.7	31.0	1.1	2.08	2.03	3.0	9:40
7/11/12	23.90	23.18	24.65	25.65	6.86	5.88	7.7	7.6	26.4	1.0	1.24	1.64	2.2	9:28
7/3/12	23.71	22.08	22.45	25.22	5.06	4.12	8.1	7.5	29.2	0.75	3.00	3.28	4.6	9:45
6/27/12	21.18	21.27	17.32	24.64	5.90	3.47	7.5	7.5	22.8	1.0	2.07	1.87	2.7	9:55
6/20/12	21.42	20.97	19.22	24.82	11.15	6.97	8.2	8.0	29.9	1.0	2.46	2.81	3.5	10:00
6/13/12	19.47	19.06	19.59	25.24	6.47	5.08	7.5	7.7	21.8	0.5	2.76		3.7	10:16
6/6/12	19.40	18.92	23.69	24.94	7.82	4.48	8.0	7.7	20.8	1.1	1.82	1.48	2.9	9:50
5/30/12	21.51	18.83	23.26	25.01	10.98	6.16	8.2	7.8	24.5	1.0	3.14	3.46	3.5	10:30
5/23/12	Electronic equipment in for service--collected bacteria samples only.													
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*no bottom titration for this station														
CSHH #13 - 60' West of the Mill Pond Weir														
07/25/12	22.12	22.26	23.86	25.09	5.73	4.34	7.4	7.3	24.0	0.5**	4.38		0.6	9:28
7/18/12	24.30	24.22	23.10	25.12	6.74	3.22*	7.7	7.5	30.9	1.0	3.19	3.54	2.1	10:00
7/11/12	23.32	22.80	24.54	25.44	5.99	2.80	7.6	7.4	27.0	0.8	4.31	3.90	2.0	9:45
7/3/12	23.59	22.09	23.32	24.75	9.30	4.99	8.0	7.6	28.3	0.75	3.80	4.50	2.9	10:03
6/27/12	20.69	21.48	19.56	23.09	3.33	2.78	7.3	7.3	23.5	1.0	6.08	6.48	0.8	10:10
6/20/12	20.86	20.83	20.15	24.62	10.23	3.72	8.3	7.5	30.3	0.75	6.18	5.03	1.9	10:15
6/13/12	19.10	19.31	22.78	24.10	6.15	3.60	7.5	7.5	22.2	0.50	3.57		1.5	10:30
6/6/12	19.05	19.16	21.86	24.73	7.02	4.00	7.8	7.6	19.9	1.0	3.20	4.36	2.1	10:12
5/30/12	21.06	19.98	22.16	24.51	9.69	4.50	8.1	7.6	25.4	0.75	4.9	6.06	1.4	10:55
5/23/12	Electronic equipment in for service--collected bacteria samples only.													
5/16/12	Electronic equipment in for service--collected bacteria samples only.													



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Date	Water Temp (°C)		Salinity (ppt)		DO (ppm)		pH (ppm)		Air Temp (°C)	Secchi (m)	Turbidity (NTUs)		Depth (m) (Bottom)	Time (AM)
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom			at 1/2 m	at Secchi depth		
*no bottom titration for this station														
**Secchi disk on bottom														
CSHH #14 - 50 yds from Powerhouse Drain														
7/18/12	23.01	22.65	25.39	25.65	5.48	3.46*	7.4	7.3	33.4	0.75	3.65	3.42	2.3	11:00
7/3/12	22.64	22.08	25.13	25.27	6.65	5.60	7.8	7.7	29.6	0.75	2.73	2.92	2.5	10:58
6/13/12	19.37	18.84	23.94	25.10	6.26	4.75	7.7	7.6	21.9	1.0	2.11	2.23	2.1	8:50
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*no bottom titration for this station														
CSHH #15 - 50 yds from Scudders Pond Outfall, North of Tappen Pool														
7/18/12	24.10	23.44	25.27	25.48	7.5	5.73*	7.8	7.6	32.3	0.5	3.34		2.1	10:34
7/3/12	23.17	22.89	25.25	25.30	8.15	7.35	8.0	7.9	27.0	1.0	3.13	2.86	2.4	10:35
6/13/12	Ran out of time.													
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*no bottom titration for this station; titration performed for 1 meter below surface: 4.4 .ppm)														
CSHH #4 - Bar Beach Spit														
7/18/12	24.09	23.70	25.45	25.49	6.91	6.79*	7.82	7.9	34.2	0.5	5.91		2.3	11:12
7/3/12	24.16	22.74	24.89	25.08	10.11	7.56	8.19	8.0	27.7	0.75	2.77	2.7	2.5	11:03
6/13/12	19.13	18.66	24.79	25.25	5.97	4.85	7.7	7.6	22.5	1.5	1.76	1.5	1.2	9:01
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*no bottom titration for this station														
CSHH #5 - Mott's Cove														
7/18/12	23.20	22.34	24.70	25.50	5.05	3.7*	7.5	7.4	34.0	1.0	3.85	3.60	1.8	11:30
7/3/12	23.01	22.28	24.66	25.01	7.54	6.50	7.9	7.8	29.9	0.50	2.94		2.1	11:18
6/13/12	19.29	18.73	24.02	25.12	5.12	4.05	7.5	7.4	21.7	1.25	2.69	1.61	1.7	8:33
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*no bottom titration for this station														
CSHH #6 - East of Former Incinerator Site														
7/18/12	23.96	22.56	25.15	25.66	6.75	2.2*	7.6	7.3	36.1	0.5	5.30		2.5	11:45
7/3/12	24.62	23.23	24.40	24.86	9.83	8.56	8.1	8.0	30.8	0.50	4.90		2.1	11:30
6/13/12	19.76	19.03	23.28	25.19	4.97	4.19	7.5	7.5	20.2	0.3	5.68		2.7	8:14
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*no bottom titration for this station														
CSHH #7 - West of Bryant Landing (formerly site of oil dock)														
7/18/12	23.92	23.47	25.15	25.30	6.40	3.38*	7.8	7.4	36.7	0.5	6.68		1.7	11:56
7/3/12	25.04	23.62	23.86	24.49	10.47	7.40	8.1	7.9	29.5	0.5	8.36		1.9	11:40
6/13/12	19.65	19.61	22.59	24.30	5.07	4.35	7.5	7.5	19.7	0.3	10.88		1.5	7:55
5/16/12	Electronic equipment in for service--collected bacteria samples only.													
*bottom titration at 3.0 ppm														