



CSHH Water-Monitoring Program 2010

Date	Water Temp (°C)		Salinity (ppt)		DO (ppm)		pH (ppm)		Air Temp	Secchi(m)	Turbidity	Depth (m)	Time	
	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	(°C)		(NTUs)	(Bottom)	(AM)	
CSHH #1 - Beacon 11														
8/18/10	23.87	23.19	26.63	27.22	6.34	3.65	7.6	7.4	23.1	1.0	1.67/2.04	5.0	8:00	
8/11/10	24.69	23.24	26.28	26.82	3.7	2.24	7.4	7.4	24.7	0.8	3.08/3.16	2.7	8:01	
8/4/10	22.57	21.91	26.56	26.85	4.16	2.6	7.1	7.4	26.4	1.3	2.03/1.79	4.2	8:20	
7/28/10	24.78	22.69	25.36	26.26	4.01	2.73	7.7	7.5	27.4	1.0	2.84/2.84	2.9	8:40	
7/21/10	26.39	23.25	25.42	26.29	8.01	2.80	7.9	7.5	29.0	0.8	2.79/2.56	5.1	8:14	
7/15/10	23.78	23.09	25.11	25.45	2.76	2.71	7.4	7.4	24.1	1.5	1.87/1.48	3.2	8:26	
7/7/10	23.07	19.5	25.75	26.23	8.27	5.67	7.8	7.5	29.2	1.5	1.91/1.85	5.0	8:32	
6/30/10	22.70	22.50	24.88	25.20	7.54	7.91	8.0	8.0	19.7	1.0	2.77/2.87	3.0	8:43	
6/23/10	21.98	16.81	24.72	25.84	9.93	5.21	8.1	7.7	26.1	1.0	1.89/1.79	5.0	8:30	
6/16/10	17.90	18.10	No electronic meter.			7.5			21.1	1.0	2.3/1.85	4.0	9:00	
6/9/10	19.67	16.46	23.32	24.81	DO probe malfur			8.4	8.0	19.2	1.0	2.65/2.34	5.5	8:40
6/2/10	18.03	17.16	23.45	23.90	4.93	6.09	7.9	7.9	21.2	1.0	3.88/3.54	4.3	8:55	
5/26/10	16.00	13.83	23.67	24.26	8.94	8.16	7.9	7.8	20.9	1.8	0.63/0.65	5.1	8:50	
5/20/10	13.36	12.21	22.69	23.95	9.23	8.84	7.7	6.7	15.3	1.5	2.36/2.31	5.3	9:25	
CSHH #2 - Bell Marker 6														
8/18/10	24.12	22.97	27.16	27.39	10.33	3.65	8.2	7.5	23.8	1.0	1.80/2.25	8.6	9:15	
8/11/10	23.49	21.96	26.92	27.29	4.81	1.29	7.6	7.3	25.8	1.0	1.51/1.38	8.1	8:30	
8/4/10	22.75	21.25	26.60	27.00	6.23	1.15	7.7	7.3	26.7	1.5	1.51/1.23	9.3	8:48	
7/28/10	23.48	20.65	25.93	26.80	5.86	0.58	7.7	7.3	27.9	1.3	1.23/1.24	8.3	9:45	
7/21/10	26.62	21.18	25.83	26.56	8.80	1.00	8.1	7.3	30.4	1.0	2.32/1.81	9.6	10:14	
7/15/10	22.60	21.39	25.91	26.47	6.01	3.36	7.7	7.5	23.5	1.7	0.97/0.61	5.7	9:50	
7/7/10	23.91	17.63	25.65	26.52	10.35	2.43	8.2	7.3	30.0	1.5	1.63/1.85	8.3	9:27	
6/30/10	21.36	17.91	25.86	26.20	9.39	4.36	8.3	7.5	19.4	1.2	1.42/1.65	8.0	9:08	
6/23/10	20.44	16.27	25.59	26	10.45	5.01	8.2	7.6	25.6	1.0	1.14/1.22	9.2	10:30	
6/16/10	17.50	16.80	No electronic equipment.			6.00			20.1	1.6	2.03/1.38	7.0	9:25	
6/9/10	Trouble with electronic meters--DO probe malfunction. No sampling at this station.													
6/2/10	19.47	16.54	23.10	24.34	7.95	8.20	8.3	8.0	21.3	1.3	2.52/1.78	6.9	9:30	
5/26/10	15.76	14.80	24.18	24.25	10.13	9.57	8.0	7.9	26.5	2.0	0.98/0.74	9.2	10:45	
5/20/10	14.96	11.33	23.24	24.42	9.30	7.94	7.8	7.7	21.1	2.0	1.44/1.27	7.4	10:40	
CSHH #3 - Glen Cove Creek, Red Marker														
8/18/10	24.22	23.33	26.73	27.29	8.61	5.23	8.04	7.6	24.3	1.0	1.91/2.23	4.8	9:34	
8/11/10	23.96	23.69	26.76	26.89	6.17	4.77	7.7	7.7	26.8	0.8	1.44/1.73	3.2	8:55	
8/4/10	22.86	22.36	26.27	26.74	5.94	4.18	7.6	7.5	27.3	1.0	2.03/1.68	4.4	9:14	
7/28/10	24.99	22.00	25.53	26.65	7.76	2.10	8.0	7.4	30.0	1.0	1.89/2.20	3.9	10:05	
7/21/10	26.83	22.73	25.29	26.38	9.72	2.79	8.2	7.4	30.3	1.1	2.25/2.26	4.8	10:30	
7/15/10	22.51	22.08	25.25	25.81	5.91	3.72	7.6	7.5	24.4	2.0	0.75/0.89	3.0	9:12	
7/7/10	23.97	19.58	25.60	26.31	10.12	7.31	8.1	7.7	32.5	1.5	1.54/--	4.7	9:55	
6/30/10	21.82	21.77	25.68	25.78	9.61	9.94	8.3	8.2	19.9	1.5	1.73/2.21	3.0	9:40	
6/23/10	21.67	16.74	25.01	25.83	11.15	4.69	8.3	7.6	26.5	0.90	2.08/2.28	5.0	11:05	
6/16/10	18.00	18.00	No electronic equipment.			6.50			22.1	1.5	1.46/1.28	2.5	10:05	
6/9/10	No data collected at this station--trouble with electronic meter--DO probe malfunction.													
6/2/10	19.64	17.58	23.79	24.14	8.70	9.25	8.4	8.0	22.2	1.0	2.14/2.04	3.2	10:00	
5/26/10	16.56	14.50	23.80	24.24	9.53	9.37	8.0	7.9	28.9	1.75	0.31/1.17	5.6	11:05	
5/20/10	13.89	12.27	23.37	24.11	8.94	8.44	7.8	7.8	20.5	2.4	1.08/1.34	3.4	11:05	
CSHH #8 - Glen Cove Sewage Treatment Plant Outfall														
8/18/10	24.5	23.41	26.13	26.93	11.03	4.07	8.1	7.5	25.0	0.75	2.54/2.49	3.5	10:00	
8/11/10	24.58	23.80	26.12	26.85	7.05	4.80	7.8	7.6	27.8	0.8	1.93/2.41	2.6	9:17	
8/4/10	23.94	23.87	22.40	26.31	6.42	4.18	7.6	7.5	28.5	1.0	3.37/2.49	2.9	10:00	
7/28/10	25.68	24.39	22.02	25.96	9.73	4.37	8.1	7.6	30.5	0.8	2.95/2.95	3.0	10:35	



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	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	(°C)		(NTUs)	(Bottom)	(AM)
7/21/10	26.36	23.58	23.28	26.28	10.90	2.46	8.2	7.4	31.3	0.8	2.59/3.45	3.9	10:50
7/15/10	22.65	22.46	25.75	25.88	4.27	3.16	7.5	7.4	24.4	1.1	1.14/1.93	1.8	9:42
7/7/10	24.67	20.68	23.39	26.15	10.83	6.88	8.2	7.8	33.4	1.0	2.45/2.73	3.5	10:30
6/30/10	23.39	22.18	23.78	25.45	12.92	8.21	8.4	8.0	19.7	0.8	2.70/2.70	2.3	10:02
6/23/10	21.81	17.75	25.45	25.79	15.22	5.57	8.3	7.6	29.4	0.7	2.43/2.92	4.9	11:33
6/16/10	18.8	18	No electronic equipment.		7.25				23.1	1.5	1.31/1.86	2.3	10:20
6/9/10	No data collected at this station--trouble with electronic meter--DO probe malfunction.												
6/2/10	20.04	18.50	17.93	23.95	10.72	11.51	8.2	8.1	23.4	0.5	3.18	2.5	10:25
5/26/10	16.95	15.59	21.02	23.86	9.39	9.49	7.7	7.9	29.8	0.9	2.62/3.18	4.5	11:30
5/20/10	13.62	13.21	22.90	23.48	8.59	8.24	7.7	7.7	22.4	1.5	1.51/1.19	2.3	11:26
CSHH #13 - 60' West of the Mill Pond Weir													
8/18/10	23.86	24.44	25.97	26.81	11.25	8.25	8.0	7.9	25.5	0.75	5.64/3.17	2.0	10:35
8/11/10	24.11	24.14	24.88	26.60	7.43	3.91	7.8	7.5	28.1	0.8	6.56/3.36	2.0	9:24
8/4/10	23.32	23.33	25.52	26.05	3.18	2.50	7.4	7.3	29.7	0.9	6.38/4.95	1.6	10:25
7/28/10	22.88	25.02	15.60	25.26	11.01	5.38	8.1	7.6	31.2	1.0	5.68/4.36	1.9	10:55
7/21/10	26.02	25.85	24.91	25.63	8.27	6.46	7.9	7.8	31.6	1.0	3.50/3.62	1.5	11:05
7/15/10	Tide too low--couldn't hold position for sampling at this station.												
7/7/10	22.81	20.27	25.69	26.03	6.80	1.67	7.7	7.3	34.2	1.0	2.61/2.45	3.5	10:50
6/30/10	20.33	21.04	15.59	25.40	9.24	3.55	7.9	7.5	20.0	1.0	3.06/4.06	2.3	10:18
6/23/10	21.14	19.10	23.91	25.34	9.98	4.39	8.1	7.4	28.9	0.7	3.12/3.02	2.1	11:50
6/16/10	18.00	18.00	No electronic equipment.		4.00				18.5	1.0	3.77/4.45	2.0	10:45
6/9/10	No data collected at this station--trouble with electronic meter.												
6/2/10	18.82	17.40	14.14	23.80	9.81	4.54	8.1	7.4	24.9	0.75	3.4/3.85	2.4	10:43
5/27/09	Barges blocking head of Glen Cove Creek--no access to CSHH #13.												
5/20/10	Barges blocking head of Glen Cove Creek--no access to CSHH #13.												
CSHH #14 - 50 yds from Powerhouse Drain													
8/11/10	22.76	22.60	27.02	27.03	2.07	1.97	7.3	7.3	29.2	1.8	1.75/1.24	4.1	10:20
7/21/10	25.69	25.27	25.43	25.78	6.03	5.12	7.7	7.6	30.0	0.8	3.17/3.17	2.0	9:45
CSHH #15 - 50 yds from Scudders Pond Outfall, North of Tappen Pool													
8/11/10	23.89	23.83	26.41	26.41	6.2	6.2	7.6	7.6	27	1.0	no sample	1.7	10:07
7/21/10	25.72	24.67	25.73	26.03	6.08	4.18	7.8	7.6	29.8	1	2.9/3.68	1.8	10:01
CSHH #4 - Bar Beach Spit													
8/11/10	23.82	23.53	26.74	26.81	5.60	4.49	7.58	7.49	29.5	1.0	2.70/2.80	5.3	10:35
7/21/10	25.70	23.20	25.58	26.15	5.74	2.18	7.7	7.34	30.4	0.8	2.75/3.17	7.2	9:35
6/9/10	Trouble with electronic meter--no sample collection at this station.												
CSHH #5 - Mott's Cove													
8/11/10	24.64	24.17	26.38	26.77	3.65	3.24	7.4	7.4	30.7	1.0	2.5/2.84	1.8	10:53
7/21/10	26.65	25.17	24.83	25.59	7.30	5.16	7.8	7.5	29.2	0.5	5.98	1.8	9:21
CSHH #6 - East of Former Incinerator Site													
8/11/10	24.72	24.79	26.56	26.57	4.97	4.39	7.5	7.4	27.6	0.5	3.52	2.4	11:04
7/21/10	27.04	25.66	25.16	25.65	6.00	4.76	7.5	7.5	29.7	0.8	4.33/3.78	1.3	9:05



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	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	(°C)		(NTUs)	(Bottom)	(AM)
CSHH #7 - West of Bryant Landing (formerly site of oil dock)													
8/11/10	26.00	25.70	25.50	26.16	6.68	6.11	7.6	7.5	29.1	0.5	6.38	2.2	11:15
7/21/20	26.65	26.98	24.80	25.17	4.89	4.82	7.5	7.5	29.0	0.5	4.56	1.5	8:45