



## CSHH Water-Monitoring Program 2009

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					
<b>CSHH #1 - Beacon 11</b>													
7/22/09	20.75	20.41	24.15	24.39	5.68	4.03	7.9	7.6	25.7	1.6	1.28/1.37	1.5	8:55
7/15/09	21.70	21.71	23.29	23.41	8.07	7.81	7.9	7.9	24.0	1.0	2.83/3.50	3.1	8:40
7/8/09	21.67	21.67	23.17	23.29	8.12	7.64	8.0	8.0	19.0	1.0	---	2.7	8:48
7/1/09	21.7	19.61	23.45	23.95	6.83	4.76	7.7	7.6	22.6	1.1	2.13/2.47	3.7	9:25
6/24/09	20.48	20.24	22.26	22.53	6.62	7.03	7.9	7.9	21.8	1.5	1.56/1.56	1.4	8:30
6/17/09	17.70	17.51	23.90	24.31	8.49	7.35	8.0	7.9	19.3	0.8	1.56/1.63	4.1	9:05
6/10/09	17.71	17.46	23.79	24.19	8.22	7.85	7.8	7.9	15.3	1.1	2.92/3.22	2.7	8:40
6/3/09	17.69	16.51	24.32	24.95	7.96	6.92	7.9	7.7	18.5	1.0	2.39/2.11	4.7	8:35
5/27/09	15.87	15.72	24.18	24.48	7.20	7.54	7.4	7.6	13.5	1.0	2.61/2.33	2.3	8:40
5/20/09	13.98	13.14	24.19	24.88	9.17	8.21	8.0	7.9	15.7	1.2	1.77/2.14	4.3	8:16
5/13/09	14.62	13.60	23.45	24.27	9.43	9.23	8.2	8.0	13.9	1.3	1.48/1.69	3.4	9:00
<b>CSHH #2 - Bell Marker 6</b>													
7/22/09	20.09	19.13	25.00	25.35	6.89	3.86	7.8	7.5	25.5	1.4	1.61/1.02	7.2	9:35
7/15/09	21.76	17.83	24.20	25.08	9.80	1.00	8.2	7.3	25.1	1.4	1.12/1.69	8.3	9:15
7/8/09	20.56	18.28	23.86	24.64	8.06	6.01	8.1	7.8	19.9	2.0	---	5.9	9:15
7/1/09	20.67	18.13	23.75	24.38	9.27	4.82	8.0	7.6	23.4	1.0	1.95/1.83	7.4	10:00
6/24/09	19.62	18.48	23.55	24.06	8.01	6.05	8.1	7.8	21.1	1.75	0.28/0.23	7.7	8:52
6/17/09	18.12	17.21	24.15	24.77	11.62	6.73	8.3	7.9	20.2	1.0	1.15/1.05	8.7	9:30
6/10/09	17.26	15.64	24.39	25.04	9.49	6.57	8.1	7.7	16.3	1.2	2.74/2.52	6.3	9:00
6/3/09	18.66	15.83	24.47	25.04	12.81	6.95	8.2	7.8	20.4	0.5	5.63	8.3	10:07
5/27/09	15.21	14.15	24.81	25.26	7.24	7.15	7.8	7.8	12.7	1.0	2.34/2.34	6.5	9:15
5/20/09	14.57	12.89	24.53	25.07	10.17	8.80	8.1	8.0	21.8	1.4	1.98/2.23	9.4	10:20
5/13/09	14.35	11.66	24.27	25.16	10.45	7.88	8.2	7.9	14.7	1.5	1.31/1.94	7.4	9:45
6/10/09													
<b>CSHH #3 - Glen Cove Creek, Red Marker</b>													
7/22/09	20.74	19.63	24.45	25.05	6.46	4.14	7.7	7.5	26.7	1.0	1.31/1.64	4.7	10:00
7/15/09	22.25	21.15	23.92	24.42	7.56	7.28	8.0	8.0	25.3	1.3	2.20/2.02	3.3	9:45
7/8/09	21.94	21.31	23.28	23.74	9.59	8.08	8.2	8.0	19.1	1.20	---	3.7	9:40
7/1/09	21.19	19.14	23.46	24.10	7.86	5.42	7.9	7.7	24.9	0.80	2.11/2.26	4.3	10:25
6/24/09	20.18	19.62	22.77	23.45	7.90	7.62	8.0	8.0	23.1	1.25	0.93/1.04	2.8	9:25
6/17/09	18.22	17.45	24.00	24.50	11.19	7.77	8.23	7.9	20.9	1.0	0.80/1.04	4.1	10:10
6/10/09	16.75	16.53	24.24	24.61	8.58	7.87	7.9	7.9	17.3	1.1	2.19/2.21	3.9	10:15
6/3/09	18.40	16.79	24.39	24.97	12.12	8.04	8.2	7.8	20.3	1.1	2.80/3.26	4.1	11:45
5/27/09	15.35	15.24	24.32	24.96	7.51	7.16	7.8	7.8	13.5	1.2	1.80/1.88	2.9	9:45
5/20/09	14.66	13.23	23.82	24.88	10.29	9.07	8.1	8.0	23.5	1.1	2.41/1.74	4.2	10:57
5/13/09	14.70	13.84	24.05	24.3	10.6	11.42	8.2	8.2	15.2	1.4	1.8/1.62	3.3	10:16
<b>CSHH #8 - Glen Cove Sewage Treatment Plant Outfall</b>													
7/22/09	20.69	19.87	23.54	24.83	6.43	3.15	7.6	7.4	26.6	1	1.99/2.10	4.7	10:35
7/15/09	22.12	21.71	23.66	24.18	7.53	5.76	7.9	7.8	27.5	0.5	3.83	1.9	10:32
7/8/09	21.69	20.87	22.97	23.95	9.48	6.25	8.2	7.9	21.6	0.75	---	3.5	10:25
7/1/09	21.32	20.39	22.97	23.60	7.51	4.79	7.8	7.6	24.5	1	2.37/2.95	2.6	11:05
6/24/09	20.81	19.66	22.47	23.39	8.12	5.93	8.0	7.7	22.7	1.25	0.98/0.75	2.8	9:48
6/17/09	18.51	18.05	23.49	24.13	10.09	9.09	8.1	8.0	21.6	1.0	1.31/1.30	2.9	10:40
6/10/09	17.11	16.84	24.58	24.76	7.97	7.56	7.8	7.8	17.0	1.1	2.08/2.52	2.3	10:45
6/3/09	18.61	17.77	23.67	24.61	8.80	8.27	7.9	7.8	22.1	1.1	2.58/2.71	2.3	12:15
5/27/09	15.73	15.51	24.61	24.84	7.50	6.37	7.8	7.7	14.4	1.5	1.79/1.92	2.5	10:25
5/20/09	15.65	14.40	23.94	24.49	9.05	8.85	7.9	7.9	23.6	1.0	2.42/2.24	2.9	11:23
5/13/09	15.83	13.56	14.30	24.52	9.71	10.71	7.9	8.0	20.1	0.75	4.13/2.76	2.8	10:50
<b>CSHH #13 - 60' West of the Mill Pond Weir</b>													
7/22/09	20.47	20.13	22.55	24.58	5.61	1.85	7.5	7.3	27.5	1.0	2.27/2.03	3.4	11:00
7/15/09	21.52	21.32	23.69	23.98	5.39	2.87	7.7	7.5	26.4	0.3	6.79/5.38	1.9	11:30
7/8/09	21.47	20.52	22.49	23.99	7.81	2.05	7.9	7.5	22.7	0.6	---	3.4	10:40
7/1/09	21.93	20.49	21.11	23.55	8.30	2.67	7.8	7.4	24.3	0.5	4.10	2.6	11:25
6/24/09	19.99	19.48	22.33	23.37	7.48	4.43	7.8	7.6	22.4	1.0	2.16/2.42	2.8	10:12
6/17/09	18.52	17.90	23.63	24.08	9.08	5.96	7.9	7.6	21.8	0.70	3.72/3.65	2.2	11:10
6/10/09	17.45	17.00	24.42	24.70	7.29	4.94	7.7	7.5	17.8	1.2	2.72/3.01	3.2	11:05



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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					
6/3/09	18.25	17.97	23.86	24.20	7.63	6.98	7.7	7.7	21.0	1.2	3.66/3.33	1.4	12:30
5/27/09	15.89	15.67	24.64	24.75	6.13	5.27	7.6	7.6	15.1	1.0	3.3/2.33	1.7	10:40
5/20/09	15.97	15.37	22.96	24.30	8.37	7.41	7.7	7.7	24.3	0.8	3.47/3.69	1.8	11:40
5/13/09	14.65	13.92	14.27	23.93	9.70	9.18	7.6	7.7	19.5	0.8	3.87/4.31	1.8	11:20
<b>CSHH #4 - Bar Beach Spit</b>													
7/1/09	20.23	19.49	23.63	23.92	4.54	3.89	7.51	7.45	23.0	1.0	2.36/2.26	2.3	9:06
6/17/09	17.76	17.50	23.87	24.30	8.48	6.94	7.93	7.84	18.8	0.8	1.89/2.12	4.6	8:50
6/3/09	17.83	17.08	24.36	24.68	7.73	6.80	7.8	7.7	20.5	1.1	2.96/2.72	4.8	10:35
5/20/09	14.75	13.33	23.87	24.67	8.63	8.43	7.9	7.9	22.4	1.0	2.87/2.98	7.4	10:00
<b>CSHH #5 - Mott's Cove</b>													
7/1/09	20.72	19.89	22.96	23.35	5.40	3.78	7.7	7.5	23.3	1.2	2.22/2.11	1.6	8:33
6/17/09	17.52	17.64	23.40	24.04	7.93	7.21	7.8	7.8	18.2	1.00	1.08/1.45	1.5	8:25
6/3/09	17.52	17.34	24.13	24.30	6.86	6.74	7.7	7.7	19.9	0.6	3.89/3.57	1.5	10:05
5/20/09	14.13	13.81	23.89	24.27	8.77	8.59	7.9	7.9	21.4	1.0	2.13/3.67	1.4	9:37
<b>CSHH #6 - East of Former Incinerator Site</b>													
7/1/09	Stations farthest south not surveyed because of tidal cycle.												
6/17/09	17.57	17.80	23.49	23.75	8.38	8.10	7.9	7.9	17.4	0.75	1.98/1.70	1.9	7:55
6/3/09	18.04	17.87	24.02	24.17	6.85	6.71	7.6	7.6	18.9	1.10	3.44/3.26	2.0	9:40
5/20/09	14.51	13.96	23.50	24.09	8.51	8.52	7.8	7.9	20.9	0.75	3.33/--	2.0	9:18
<b>CSHH #7 - West of Bryant Landing (formerly site of oil dock)</b>													
7/1/09	Stations farthest south not surveyed because of tidal cycle.												
6/17/09	17.54	17.72	23.35	23.72	7.99	7.88	7.8	7.9	17.4	0.5	3.63	1.6	7:35
6/3/09	18.15	18.02	23.67	24.08	6.51	6.24	7.6	7.6	18.3	0.9	4.21/4.21	1.6	9:18
5/20/09	14.42	14.39	23.61	23.75	8.03	8.05	7.8	7.8	18.3	0.8	5.25/4.97	1.2	9:00