

Outer Island Pier Water Quality Data Summer 2014															
Date	Sample Time	Weather	Wind speed (mph)		Relative humidity (%)	Air temperature (°C)	Solar radiation (lux)	Salinity (ppt)	Conductivity (mS)	Spec. Conductance (mS)	Temperature (°C)	Oxygen (mg/L)	Secchi Disk (m)	Turbidity (NTU)	pH
			Max	Min											
31-May	1:54pm	partly cloudy	11.90	0.90	49.3	21.70		26.00	32.93	40.85	14.90	11.72	1.00	3.19	
1-Jun	2:00pm	clear sun	0.00	0.00	47.1	28.60		26.30	33.21	41.00	15.00	11.71	1.10	2.76	
2-Jun	2:15pm	clear sun	6.60	0.00	67.3	20.10		26.20	34.02	40.91	16.20	11.20	1.00	2.68	
3-Jun	2:00pm	clear sun			71.9	20.70		26.20	34.40	40.95	16.80	12.36	1.00	3.42	
4-Jun	2:00pm	overcast	9.40	6.70	77.0	17.90		26.10	34.16	40.77	16.70	11.11	1.00	3.21	
5-Jun	2:00pm	overcast	9.10	2.30	79.5	18.10		26.00	33.62	40.48	16.10	11.26	1.20	1.75	
6-Jun	2:15pm	clear sun	12.30	2.20	44.2	26.80		25.80	33.86	40.37	16.60	11.70	1.00	1.73	
7-Jun	2:00pm	partly cloudy	3.90	0.30	64.3	26.70		26.00	33.51	40.68	15.80	11.15	1.20	2.84	
8-Jun	2:47pm	clear sun	0.00	0.00	81.4	25.70		26.20	33.87	40.74	16.00	12.05	1.10	3.31	
9-Jun	2:40pm	rain	1.60	0.60	76.1	18.20		25.70	33.02	40.14	15.70	10.45	1.20	2.39	
10-Jun	2:00pm	fog	3.70	2.80	91.8	19.80		26.00	33.49	40.65	15.80	10.77	1.20	2.10	
11-Jun	2:15pm	drizzle	14.10	3.70	79.2	16.60		26.10	33.22	40.67	15.40	10.98	0.70	4.98	
12-Jun	2:10pm	fog	14.50	5.30	80.5	16.80		26.00	33.63	40.51	16.10	10.77	0.95	3.72	
13-Jun	2:15pm	fog	1.30	0.50	86.6	18.50		25.90	33.79	40.49	16.40	10.62	0.75	6.00	
14-Jun	2:10pm		11.10	5.20	61.5	21.70		26.00	34.58	40.57	17.30	11.08	0.80	3.49	
15-Jun	2:15pm		6.50	1.30	65.5	22.10		26.30	34.62	41.01	16.80	10.90	1.00	3.28	
16-Jun	2:00pm	clear sun	0.70	0.00	60.5	23.40	97000	27.00	35.07	41.9	16.4	10.08	0.9	3.6	
17-Jun	2:00pm	overcast	3.30	2.30	76.9	27.50	88100	27.10	35.64	42.07	17	10.16	0.8	3.01	
18-Jun	2:10pm	clear sun	18.80	4.30	65.7	23.60	96500	27.20	36.42	42.24	17.8	10.76	0.7	3.07	
20-Jun	3:20pm	clear sun	9.80	0.50	43.4	25.30	83300	27.20	36.72	42.31	18.1	10.68	0.95	3.18	
21-Jun	2:00pm	partly cloudy	4.10	1.90	15.5	24.60	100300	27.30	36.53	42.36	17.8	10.7	0.9	4.31	
22-Jun	2:00pm		6.10	0.80	68.9		97300	27.30	37.06	42.39	18.4	7.97	0.8	4.4	
23-Jun	2:15pm	partly cloudy	12.50	7.80	75.1	21.00	90500	27.20	37.72	42.28	19.2	8	0.8	4.38	
24-Jun	2:00pm	clear sun	2.10	1.10	68.8	23.50	102900	27.10	37.76	42.06	19.6	7.4	0.8	3.08	
25-Jun	2:00pm	partly cloudy	4.70	0.80	84.1	20.90	99900	27.10	37.90	42.15	19.7	8.19	0.8	4.18	
26-Jun	2:00pm	partly cloudy	2.80	0.00	71.5	29.40	109300	27.00	37.95	42.04	19.9	7.62	1	3.19	
27-Jun	2:20PM		0.00	0.00	63.9	29.10	98900	27.10	37.96	42.09	19.9	7.75	1.2	2.62	
28-Jun	2:15pm	clear sun	6.80	1.80	66.6	27.20	92500	27.10	38.23	42.14	20.1	7.59	0.9	3.26	
29-Jun	2:00pm	clear sun	5.10	0.40	68.3	24.40	85800	27.20	38.54	42.3	20.3	7.44	0.9	3.62	7.99
30-Jun	2:30pm	partly cloudy	0.00	0.00	80.4	24.00	90400	27.30	39.00	42.43	21.3	6.95	1	2.07	8.03
1-Jul	2:00pm	clear sun	8.60	3.10	80.1	25.70	89200	27.40	39.37	42.55	21	6.99	1	2.09	8.01
2-Jul	3:00pm	clear sun	11.70	2.30	76.4	28.00	74900	27.60	40.57	42.79	22.2	7.26	1.1	2.01	7.96
3-Jul	2:00pm	partly cloudy	6.80	1.90	75.4	28.30	84900	27.50	40.46	42.7	22.3	6.99	1.1	2.07	7.96
4-Jul	2:10pm	rain	13.10	5.60	78.7	19.90	9700	27.40	38.89	42.61	21.7	6.49	1	2.43	7.93
5-Jul	2:20pm	clear sun	14.40	8.70	52.4	23.90	91200	27.60	38.99	42.82	20.3	6.62	0.95	2.61	7.93
6-Jul	2:05pm	clear sun	0.00	0.00	51.3	31.00	93000	27.80	39.03	43.05	20.1	6.61	0.5	4.02	7.95
7-Jul	2:15pm	clear sun	2.50	1.30	74.9	28.20	91000	27.80	40.12	43.04	21.4	7.36	0.7	3.62	8.07
8-Jul	2:30pm	clear sun	2.10	0.30	69.4	25.80	82400	27.80	40.58	43.18	21.9	7.24	0.9	2.88	8.03
9-Jul	2:00pm	clear sun	0.00	0.00	70.3	24.50	95700.00	27.80	40.58	43.07	22	6.74	0.8	3.07	7.98
10-Jul	2:30pm	partly cloudy	0.00	0.00	53.5	26.80	82500.00	28.00	40.24	43.43	21.2	6.33	1	2.3	7.93
11-Jul	3:30pm	partly cloudy	1.10	0.00	52.2	28.20	76100.00	28.10	41.23	43.5	22.2	7.02	1.15	2.72	8
12-Jul	2:00pm	clear sun	3.70	0.00	73.4	25.10	91200.00	28.10	41.31	43.54	22.3	7.2	1.1	3.8	8.03
13-Jul	2:00pm	overcast	7.10	4.40	73.3	26.00	32000.00	28.10	41.17	43.55	22.2	6.95	0.75	6.09	7.98
14-Jul	2:00pm	drizzle	0.00	0.00	78.8	25.90	73200.00	28.00	41.30	43.45	22.4	6.67	0.7	5.44	7.99
15-Jul	2:00pm	overcast	4.30	3.30	72.4	27.00									
16-Jul	2:00pm	overcast	0.00	0.00	52.7	32.50	75200.00	27.80	41.00	43.09	22.4	6.22	1.3	3.29	8.01
17-Jul	3:05pm		4.80	0.90	48.6	28.60	78500.00	27.90	41.23	43.23	22.5	7.06	1.25	2.55	8.05
18-Jul	2:10pm		1.80	0.00	53.7	22.60	93600.00	27.90	41.67	43.31	22.9	7.16	1.15	3.21	8.06
19-Jul	3:00pm	overcast	13.00	5.10	77.6	21.40	23200.00	28.00	41.21	43.37	22.4	6.85	0.9	3.11	8.08
20-Jul	2:10pm	partly cloudy	3.60	0.80	73.0	22.10	97500.00	28.10	40.95	43.5	22	6.54	0.8	4.48	8.03
21-Jul	2:00pm	clear sun	0.60	0.00	80.0	23.50	94000.00	27.90	40.97	43.21	22.3	7.27	1.5	4.2	8.17
22-Jul	2:00pm		4.30	1.80	74.10	26.20	94600.00	27.70	41.40	43.04	22.9	7.14	1.1	3.08	8.14
23-Jul	2:00pm	clear sun	0.00	0.00	87.30	30.10	94800.00	27.70	41.82	43	23.6	7.02	1.15	2.94	8.08
24-Jul	2:40pm	overcast	1.00	0.00	64.90	27.80	34000.00	27.90	41.20	43.14	22.6	5.73	1.2	2.33	8.03
25-Jul	2:10pm	clear sun	1.30	0.10	58.6	27.70	87900.00	27.90	40.89	43.26	22.2	5.64	1.2	2.43	7.97
26-Jul	2:05pm	overcast	0.00	0.00	72.1	23.70	28000.00	27.90	40.82	43.27	22	5.74	1.15	3.15	7.96
27-Jul	2:00pm	overcast	0.90	0.00	74.6	26.50	21500.00	27.90	40.74	43.3	21.9	5.78	1.05	3.19	7.93
28-Jul	3:00pm	partly cloudy	0.00	0.00	79.1	28.30	85800.00	28.00	41.51	43.43	22.7	5.99	1.05	3.31	7.94
29-Jul	2:00pm	partly cloudy	0.30	0.00	61.2	24.70	52200.00	28.10	41.21	43.51	22.2	5.44	0.9	3.11	8
30-Jul	2:00pm	partly cloudy	1.80	0.50	49.2	30.90	94800.00	28.10	40.83	43.55	21.7	5.68	1	3.89	7.98
31-Jul	2:40pm	clear sun	9.30	4.30	61.2	27.20	82300.00	28.20	41.49	43.64	22.2	6.73	1.2	2.87	8.08
1-Aug	2:10pm	partly cloudy	11.40	7.70	79.4	24.10	48400.00	28.20	41.85	43.71	22.8	6.49	1.05	2.28	8.12
2-Aug	2:00pm	overcast	13.60	8.40	76.1	22.80	53100.00	28.30	41.57	43.8	22.3	6.08	0.6	5.39	8.08
3-Aug	2:00pm	partly cloudy	8.00	4.10	67.6	24.60	88200.00	28.40	41.49	43.93	22.1	5.98	0.95	2.81	8.04