

Sample Site	Sample Date	LOD (µg/L)	LOQ (µg/L)	Nodularin Detection (µg/L)	Total Cells (cells/mL)	Blue-Green Algae (Cyanobacteria) (cells/mL)	Green Algae (Chlorophyta) (cells/mL)	Potentially Toxicogenic Cyanobacteria (cells/mL)	Nodularia Spumigena (cells/mL)
Causeway	1/8/13	0.02	0.05	ND		497		26	0
Causeway	2/5/13	0.02	0.05	ND		0		0	0
Causeway	2/19/13	0.025	0.05	ND	21,990	470	1,414	156	102
Causeway	3/5/13	0.025	0.05	ND		289		0	0
Causeway	3/19/13	0.025	0.05	0.025-0.05	248,105	37,967	88,609	93	37
Causeway	3/26/13	0.025	0.05	ND	181,970	24,403	57,033	56	0
Causeway	4/2/13	0.025	0.05	ND	167,159	4,114	28,423	50	10
Causeway	4/9/13	0.025	0.05	ND	958,566	140,865	35,311	0	0
Causeway	4/16/13	0.025	0.05	ND	631,934	14,199	53,977	820	0
GSL Site 1	4/18/13	0.025	0.05	ND	1,581,076	106,421	51,348	0	0
GSL Site 4	4/18/13	0.025	0.05	0.1	1,520,968	307,168	102,330	6,120	230
GSL Site 7	4/18/13	0.025	0.05	ND	38,091	8,688	6,391	2,178	0
Causeway	4/23/13	0.025	0.05	0.05	88,269	199,911	39,134	353	280
Causeway	4/30/13	0.025	0.05	0.3	4,849	3,983	210	2,455	2,244
Causeway	5/7/13	0.025	0.05	0.07	96,709	785	21,308	19,288	17,020
Causeway	5/22/13	0.025	0.05	23.8	478,128	425,596	2,513	417,877	417,829
Site 1	5/30/13	0.025	0.05	44	2,049,011	2,010,828	4,869	2,010,604	2,010,604
Site 3	5/30/13	0.025	0.05	50.3	1,576,136	1,552,031	4,505	1,549,843	1,549,843
Site 5	5/30/13	0.025	0.05	41	288,498	234,675	26,872	228,706	228,706
Site 7	5/30/13	0.025	0.05	1	18,081	9,755	3,090	1,314	875
Causeway	6/4/13	0.025	0.05	14.7	837,703	810,626	8,383	802,867	802,671
FB 6 1-CY Site 1	6/10/13	0.1	0.5	62	1,858,273	1,850,804	1,932	1,839,808	1,839,702
FB 6 2-CY Site 2	6/10/13	0.1	0.5	4.3	464,559	444,100	3,924	430,749	429,767
FB 6 3-CY Site 3	6/10/13	0.1	0.5	5.3	485,921	471,885	2,196	465,534	464,082
FB 6 4-CY Site 4	6/10/13	0.1	0.5	8.6	209,054	197,165	5,130	189,626	189,594
FB 6 5-CY Site 5	6/10/13	0.1	0.5	1.2	552,381	552,381	2,196	145,690	138,229
FB 6 6-CY Site 6	6/10/13	0.1	0.5	3.6	691,286	249,634	41,480	12,053	10,603
FB 6 7-CY Site 7	6/10/13	0.1	0.5	2.5	26,397	4,058	3,222	3,971	1,105
Causeway	7/2/13	0.025	0.05	71.3	624,103	612,192	10,914	611,250	611,035
Causeway	7/9/13	0.025	0.05	11.4	628,160	158,883	393,371	99,062	69,363
Site 1	7/11/13	0.25/0.02	0.5/0.05	4	822,958	199,548	518,555	103,476	70,490
Site 5	7/11/13	0.25/0.02	0.5/0.05	47.1	687,282	357,765	199,490	321,815	184,371
Site 7	7/11/13	0.25/0.02	0.5/0.05	0.13	26,598	15,470	2,380	8,907	8,600
Causeway	7/16/13	2.5	5	10	859,368	173,278	577,656	67,250	45,630
Site 1	7/22/13	0.25/0.02	0.5/0.05	28.3	2,220,032	1,751,975	372,270	728,617	90,440

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Site 5	7/22/13	0.25/0.02	0.5/0.05	44.4	970,984	860,765	26,791	408,884	148,960
Site 7	7/22/13	0.25/0.02	0.5/0.05	1.2	4,184	939	1,440	349	0
Causeway	7/30/13	2.5	5	48	5,270,524	4,950,519	283,257	1,215,544	79,788
FB10 Site 1	8/6/13	0.02/00.5	0.05/0.1	3.4	8,775,396	8,304,931	430,002	765,757	64,795
FB10 Site 5	8/6/13	0.02/00.5	0.05/0.1	42.8	7,574,229	7,342,041	197,410	995,484	210,092
FB10 Site 7	8/6/13	0.02/00.5	0.05/0.1	0.45	54,086	24,004	15,621	1,188	0
FB Site 1	8/14/13	0.02/00.5	0.05/0.1	2.6	15,573,658	15,335,564	150,835	1,425,355	574,514
FB Site 5	8/14/13	0.02/00.5	0.05/0.1	26.3	16,497,485	15,962,140	463,421	1,712,773	63,450
Causeway	8/21/13	0.02/00.5	0.05/0.1	ND	724,305	682,468	40,317	169,995	5,376
Site 1	8/26/13	0.02/00.5	0.05/0.1	23.3	6,123,089	5,819,485	239,361	658,223	90,954
Site 3	8/26/13	0.02/00.5	0.05/0.1	10	7,672,070	6,513,152	555,103	1,255,255	12,358
Site 5	8/26/13	0.02/00.5	0.05/0.1	10.2	1,255,255	862,410	61,237	157,000	71,910
Causeway	9/4/13	0.01	0.05	3	3,085,348	2,926,944	148,066	371,006	16,800
Site 5	9/10/13	0.02	0.05	88	1,427,690	1,388,979	844	797,331	784,992
Site 1	9/19/13	0.02	0.05	10.4	6,331,005	6,146,188	134,726	293,545	62,980
Site 3	9/19/13	0.02	0.05	10	6,674,127	6,501,192	126,819	441,025	12,358
Site 5	9/19/13	0.02	0.05	3.8	4,611,783	4,294,227	92,726	227,859	38,400
Causeway	9/24/13	0.01	0.05	3.8	4,540,490	4,269,117	100,530	325,938	172,001
Site 1	10/9/13	0.05	0.1	2.4	4,933,323	4,418,881	37,699	55,290	15,750
Site 5	10/9/13	0.05	0.1	3.1	201,247	57,480	5,543	25,464	25,112
Site 1	10/17/13	0.05	0.1	1	224,379	93,977	1,910	6,527	6,288
Site 3	10/17/13	0.05	0.1	1.3	218,823	73,388	964	12,410	12,358
Site 5	10/17/13	0.05	0.1	3	237,083	164,131	3,583	28,518	28,028
Causeway	1/28/14	0.05	0.1	ND	11,819	5,894	1,152	0	0
Causeway	2/20/14	0.05	0.1	0.09	37,489	25,256	2,925	729	64
Causeway	3/5/14	0.05	0.1	ND	99,517	19,039	36,378	907	630
Causeway	3/19/14	0.05	0.1	ND	325,247	109,331	94,880	2,346	1,980
GSL pooled 1-3	3/31/14	0.05	0.1	ND	364,888	127,236	42,640	1,680	1,628
GSL pooled 4-6	3/31/14	0.05	0.1	ND	340,118	71,005	52,160	902	882
GSL pooled 7-9	3/31/14	0.05	0.1	ND	643,167	79,667	169,088	616	372
Causeway	4/2/14	0.05	0.1	ND	361,872	69,098	47,752	2,061	2,016
Causeway	4/15/14	0.05	0.1	0.5	511,822	103,308	270,408	8,976	8,955
GSL pooled 1-3	4/24/14	0.05	0.1	9.4	175,125	75,196	14,604	51,948	51,948
GSL pooled 4-6	4/24/14	0.05	0.1	10.4	135,001	61,634	19,055	19,825	19,825
GSL pooled 7-9	4/24/14	0.05	0.1	3.2	61,825	25,684	11,543	4,371	4,371

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Causeway	5/7/14	0.05	0.1	36	364,542	332,650	4,136	314,435	314,435
GSL pooled 1-3	5/15/14	1	2.5	153.3	646,791	607,184	4,969	558,405	558,405
GSL pooled 4-6	5/15/14	0.05	0.1	57.5	259,763	187,923	8,971	182,218	182,180
GSL pooled 7-9	5/15/14	0.05	0.1	5	27,988	8,328	4,368	6,600	6,600
Causeway	5/21/14	1	2.5	9	651,662	629,668	6,657	594,203	594,203
GSL pooled 1-3	6/3/14	0.05	0.1	1.8	274,465	252,545	3,571	237,655	237,655
GSL pooled 4-6	6/3/14	0.05	0.1	8.1	246,790	192,417	31,402	153,728	153,728
GSL pooled 7-9	6/3/14	0.05	0.1	2.4	43,143	10,486	24,841	249	249
GSL pooled 1-9	6/3/14	0.05	0.1	2.3	221,579	189,459	22,113	157,949	157,949
GSL pooled 1-3	6/19/14	0.05	0.1	7.3	130,570	61,498	5,052	41,356	41,356
GSL pooled 4-6	6/19/14	0.05	0.1	8.8	173,294	58,823	15,786	45,594	45,594
GSL pooled 7-9	6/19/14	0.05	0.1	0.15	27,365	5,548	11,475	476	476
Causeway	7/1/14	0.05	0.1	33.5	189,948	182,889	1,354	181,587	181,083
GSL sites 1-3	7/9/14	0.05	0.1	7.5	474,751	61,498	3,729	285,318	285,318
GSL sites 4-6	7/9/14	0.05	0.1	11.7	377,190	308,120	15,223	64,815	64,815
Causeway	7/30/14	0.05	0.1	0.9	846,075	817,006	10,995	312,588	36,915
GSL sites 1-3	8/3/14	0.05	0.1	19.1	4,474,013	4,446,049	10,491	960,507	98,820
Causeway	8/20/14	0.05	0.1	4.2	232,331	221,019	432	52,712	42,816
Causeway	9/2/14	0.05	0.1	172.4	1,206,739	1,099,156	1,310	1,066,327	1,064,795
GSL Site #1	9/17/14	0.05	0.1	40.6	449,295	389,258	4,849	346,515	338,661
GSL Site #2	9/17/14	0.05	0.1	66.7	654,077	596,144	747	592,326	592,186
GSL Site #3	9/17/14	0.05	0.1	86	736,015	668,408	83	658,433	658,394
GSL Site #4	9/17/14	0.05	0.1	103.2	122,830	71,880	13,443	21,771	19,690
GSL Site #5	9/17/14	0.05	0.1	3.2	92,213	17,907	70,533	0	0
Causeway	9/30/14	0.05	0.1	185.3	439,005	412,361	14,068	406,284	393,089
Fbay 1-2	10/16/14	0.05	0.1	3.2	32,617	19,666	7,897	14,142	14,100
Fbay 3	10/16/14	0.05	0.1	3	27,237	9,043	13,707	558	480
Fbay 4-5	10/16/14	0.05	0.1	0.3	47,121	10,389	26,329	22	19
Causeway	11/5/14	0.05	0.1	ND	80,726	0	21,348	0	0
Causeway	11/19/14	0.05	0.1	ND	12,272	0	7,789	0	0
Causeway	1/13/15	0.05	0.1	ND	42,132	471	5,437	0	0
Causeway	2/10/15	0.05	0.1	ND	57,499	1,193	37,611	74	0
Causeway	3/11/15	0.05	0.1	ND	133,335	3,303	113,970	49	0
Causeway	3/31/15	0.05	0.1	ND	401,324	6,872	73,626	6,872	0
Causeway	4/15/15	0.05	0.1	ND	294,719	3,989	27,448	0	0

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Causeway	4/28/15	0.05	0.1	0.01-0.05	2,168,113	78,749	61,372	210	210
Causeway	5/12/15	0.05	0.1	0.05-0.1	204,576	10,085	190,346	660	140
Site 2	5/21/15	0.05	0.1	0.27	395,708	15,235	347,412	4,135	4,123
Site 4	5/21/15	0.05	0.1	0.19	239,455	7,616	207,533	3,496	3,496
Causeway	5/27/15	0.05	0.1	3	146,613	51,657	71,637	44,807	40,807
Causeway	6/9/15	0.05	0.1	1.6	7,069	71	5,505	71	71
Causeway	6/23/15	0.05	0.1	0	4,733	63	3,336	0	0
Site 1	6/23/15	0.05	0.1	0.01-0.05	40,645	5,400	2,847	203	0
Site 1	6/26/15	0.05	0.1	ND	32,593	8,126	1,199	866	0
Site 3	6/26/15	0.05	0.1	ND	2,975	82	1,335	25	0
Site 5	6/26/15	0.05	0.1	ND	277,726	2,166	270,350	0	0
Causeway	7/7/15	0.05	0.1	ND	175,116	5,184	2,158	472	0
Causeway	7/23/15	0.05	0.1	0.17	29,505	9,151	694	947	779
Causeway	8/18/15	0.05	0.1	4.6	490,578	460,626	6,502	436,122	314,471
Site 1	8/19/15	0.05	0.1	3.3	179,800	157,528	3,437	136,968	57,726
Site 3	8/19/15	0.05	0.1	5.6	519,232	454,929	16,926	301,620	188,494
Causeway	9/10/15	0.05	0.1	0.85	586,061	446,103	72,689	39,324	8,806
Causeway	9/22/15	0.05	0.1	0.07	1,011,335	782,291	165,606	13,699	1,525
Site 1	10/1/15	0.05	0.1	ND	20,164	9,357	8,399	1,341	1,080
Site 3	10/1/15	0.05	0.1	0.03	6,448	654	4,661	340	340
Causeway	10/13/15	0.05	0.1	ND	43,095	7,991	29,260	157	0
Causeway	11/10/15	0.05	0.1	ND	567,870	113,096	366,750	15,708	0

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			min	-	2,975	-	83	-	-
			max	185	16,497,485	15,962,140	577,656	2,010,604	2,010,604
			Average	20	1,198,652	985,882	72,717	234,493	145,508
			median	4	309,983	106,421	15,704	19,288	12,358